





Automotive components since 1963

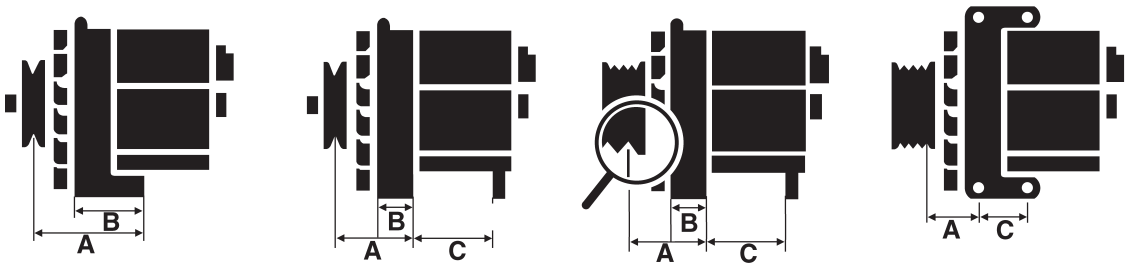
ALTERNATORS & STARTERS

DC-MOTORS & DYNASTARTERS

PART 1

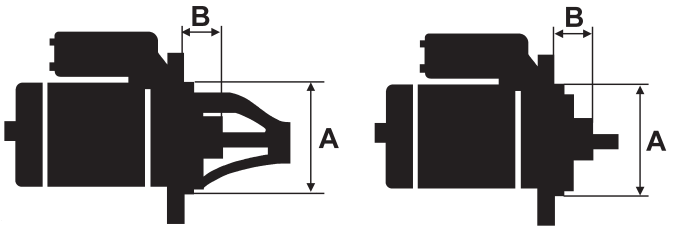
2009/2010

A: Pulley distance, B: Width of holder arm, C: Mounting bracket distance



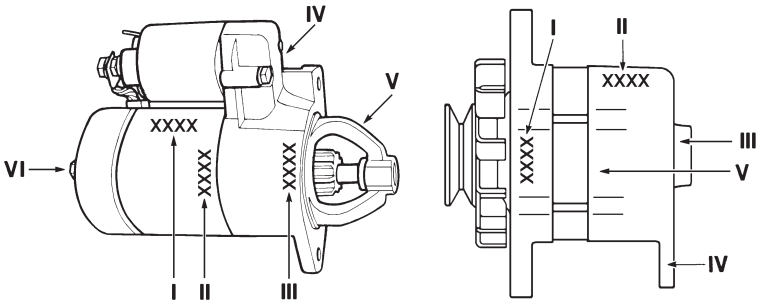
Remarks: Serpentine pulley

A: Mounting flange, B: Drive distance





Threaded fixing holes



O.E.M.	STARTER MOTORS		ALTERNATORS	
	Pos.	Example	Pos.	Example
Bosch (Bo)	II	0001 234 123	V	0120 489 789
Delco Remy (DR)	II	(3471) 152	I	(3472) 042
Ducellier (Du)	II	6236, 534046	III	7586, 516023
Femsa (Fe)	II	MTA 12-40	III/IV/V	ALP 12-17
Hitachi (Hi)	III	S114-173B	I	LT 135-13
Iskra (Is)	II	AZE 3512-12V	V	AAK 1105
Lucas (Lu)	II	25061	II/III	23779
Magneti Marelli (MM)	IV/V	MT 68 AA, 63221403	II/III	AA125-14V-45A
Magneton (Mt)	II	02 8946.08	II	443 113 456
Mando Melroe (Md)			V	AB170035
Mitsubishi (Mi)	III/IV	MEA 12-1, M03T 25781	II/III	AQ 2240 K1
Motorola (Mo)			II/III	9AR 2518 F
Nippondenso (ND)	I	028000-1971	II	021000-0327
Paris Rhone (PR)	II	D 11 E 176	II/III	A 13 N 104
SEV (SE)			II/III	34810, 712 71302
Valeo (Va)	II	433257 KO	V/III	A 13 N 38
Visteon	I	20-100-01010		

TERMINAL CHART	Field / Rotor	Ground	Charging Lamp	Ignition	Point Central	Tacho	CPU Control	Battery Sense	Battery	Dummy
BOSCH	DF	D-	D+/61/L	15		W	DFM/FR	S	B+	
BUTEC	F	-	D+						B+	
DELCO	F	GRD	D+/L/1	I/IG		P/R/W		M/S/2	B+	
DUCELLIER	EXC	-/B-	D+			W			B+	
ELMOT	67	31	15			W			B+	
FORD/VISTEON	DF/F/FLD	D-/-VE	D+/IND/I			W/STA/S			B+/Bat	
HITACHI	F	E	L	IG/R	N	P	FR/G	S	B/A	D
ISKRA	DF	D-	D+			W			B+	
LADA	67	31	15						B+/30	
LUCAS	F	-	D+			STA		S	B+	
MAGNETON	M	-	R						B+	
MANDO MELROE	F	E	L/I	IG/R	N	P		S	B/A	D
MAGNETI MARELLI	67	31	15		C	W	FR/SIG		B+/30	
MITSUBISHI	F	E	L	IG/R	N	P	FR/G/D	S	B/A	D
MOTOROLA	EXC	-/B-	D+			W			B+	
NIPPONDENSO	F	E-	L	IG/R	N	P	FR/C/M	S	B/A	D
PARIS RHONE	EXC	-/B-	L			W			B+	
SEV	DF	-/B-	61+			W			B+	
VALEO	EXC	-	L/D+	+		W			B+	

ABBREVIATIONS:

Assort.=Assortment, **ACR**=Anti-clockwise rotation, **AC**=Air Condition, **Amp.**=Ampere, **AT**=Automatic Transmission, **BS**=Battery Sense **Cat**=Catalyzer, **CR**=Clockwise rotation, **Cyl.**=Cylinder, **D.**=Diameter, **D**=Insulated, **DD**=Direct Drive, **DF**=DF Plug, **EF**=External Fan, **Eng.**=Engine, **Eur.**=European application, **FW**=Free-Wheeling, **GR**=Gear Reduction, **H**.=Height, **HD**=Heavy Duty construction, **HP**=Horsepower, **I.D.**=Inner Diameter, **IF**=Internal Fan, **IR**=Internal Regulator, **K**=Test lamp, **kW.**=Kilowatt, **L.**=Length, **LHD**=Left Hand Drive, **L.L.**=Lead Lenght, **LRC**=Low responce control, **M**=Minimum supply, **O.D.**=Outer Diameter, **PS**=Power Steering, **RHD**=Right Hand Drive, **RPM**=Rounds per minute, **Th.**=Thickness, **V.**=Volt, **VP**=Vacuum Pump, **w/**=With, **w/o**=Without, **W.**=Width, **W**= RPM Connection **( )**=Vehicle type, **[ ].**=Engine type

Bo=Bosch, **Bu**=Butec, **CA**=Cav, **Ch**=Chrysler, **DC**=DC Motors, **De**=Denso, **DR**=Remy (delco), **Du**=Ducellier, **Dy**=Dynastarter, **El**=Elmot, **Fe**=Femsa, **Fo**=Ford, **Hi**=Hitachi, **Is**=Iskra, **La**=Lada, **LN**=Leece Neville, **Lu**=Lucas, **Md**=Mando Melroe, **Mi**=Mitsubishi, **MI**=Miscellaneous **MM**=Magneti Marelli, **Mo**=Motorola, **Mo US**=Motorola Usa, **Ms**=Mitsuba, **Mt**=Magneton, **Nk**=Nikko, **PI**=Prestolite, **PS**=Poong Sung, **Ro**=Romanian, **SE**=SEV, **Sf**=Sawafuji, **SJ**=SJCE, **Te**=Tecumseh, **Un**=Universal, **UT**=United Technologies, **Va**=Valeo, **Va Kor**.=Valeo, **Wa**= Wapsa

Care is taken to ensure the accuracy of descriptions and applications of each item, but CARGO assumes no responsibility for possible errors. O.E.M. names and numbers are used for reference purposes only.

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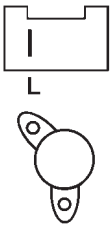



110043 Alternator

Replacing: 0120489192; -702; 9120144111; -4; -8; -9; 2998056; 19025075; 11.201.807; aak3117; 510-289; 9ar3868g;

Servicing: Scania; Renault V.i.; Pegaso; Hanomag

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W





110048 Alternator

Replacing: 0120489779; 510-834; 9ar2775; a13n3m; a13n57m; 70229002; 71273402; 71427002; -12; 71470402; -602; 71

Servicing: Volvo Penta; Renault; Farymann

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 51.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR
Pos. or neg. ground

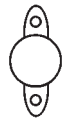



110077 Alternator

Replacing: 0120300560; 0120339524; -5; 510-249; 9ar2799; 9ar2799g; 2927990; 0120300530; -1; 1204110

Servicing: Opel; Citroen; Peugeot; Vauxhall; Case; Fendt; Goldoni; Deutz-Fahr

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 56, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.50, **Rotation** CR




110105 Alternator

Replacing: 0120300535; -45; 0120488218; -90; 0120489703; -4; 11.201.929; al28516; al35998; al67175; -6; az28516

Servicing: John Deere

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** w/o, **Pulley distance** 83.30, **Rotation** CR




110112 Alternator

Replacing: 0120489643; 9120080114; 2998054; 19025074; 0051548202; 510-347; -8; 9ar3921g; 71554102; 2937390; 293

Servicing: Volvo; Volvo Penta

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 51.00, **Fan** w/o, **Pulley** w/o, **Terminal** W




110113 Alternator

Replacing: 0120400774; 0120489221; -5; -31; -84; -727; -728; 11.201.047; -151; -360; aak1125; -53; -205; aak417

Servicing: Mercedes-Benz

V. 24, **Amp.** 27, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 80.00, **Fan** EF, **Pulley** w/o, **Rotation** ACR




110116 Alternator

Replacing: 0120400796; 0120488208; 0120489230; -684; -827; 2998055; 0120488273; -89; 0120489053; 510-397; a13n3

Servicing: Man; Renault; Daf; Ford

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 80.25, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W

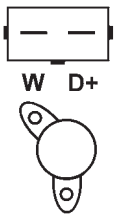



110117 Alternator

Replacing: 510-427; 9ar6012; 9ar6012g; 0120489731; 01162135; ia9434; 11.209.447; aak1854

Servicing: Iveco; Steyr; Magirus-deutz

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 56.50, **Fan** EF, **Pulley** Double Pulley, **Rotation** CR



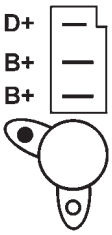


110127 Alternator

Replacing: 0120400778; 11.201.938; 510-803; -16; -18; -19; 9ar2712p; -38p; -40p; -41p; 70229702; 71427052; -102

Servicing: Volvo Penta; Farymann

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 79.00, **Rotation** CR, **Terminal** W
Pos. or neg. ground



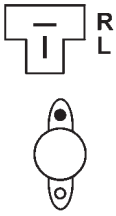


110178 Alternator

Replacing: 0120339502; 0120389502; -3; 9120331502; -901; -913; 516011; alp12n-2; alt12n-14; -39; 1504563; 15371

Servicing: Case; Ford; Austin; Land Rover; Triumph; Mg; Morris; Talbot; Vauxhall; Bedford; New Holland; Massey

V. 12, **Amp.** 36, **Width of holder arm** 10.00, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR





110318 Alternator

Replacing: a2t16472; a2t23271; -7; a2t24771; a2t40671; a2t41371; -7; a3t21371; a5t15371; -584; a5t21071; -7; -1

Servicing: Mitsubishi; Mazda; Dodge; Plymouth

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 53, **Width of holder arm** 13.68, **Mount. bracket dist.** 53.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.00, **Rotation** CR

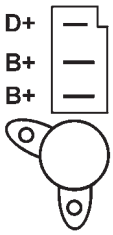



110348 Alternator

Replacing: 0120488280; a125-09; a125-55s; als12n-82; 11.201.293; aak4127; 2108-3701010; 224-370701; 224-373701;

Servicing: Lada

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.60, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR



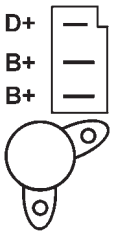


110357 Alternator

Replacing: 0120400746; 0120489008; -9; -10; -11; -520; -600; -622; -771; -820; -821; -831; 11.201.078; aak1122;

Servicing: Audi; VW; Alfa Romeo; American Motors

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.20, **Fan** w/o, **Pulley** w/o, **Rotation** CR
Fan: Cargo 133875



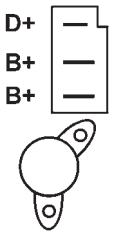


110358 Alternator

Replacing: 0120400858; -9; 0120489061; -526; -527; -556; -683; -917; -918; -933; 9120144269; -70; 516055; 11.20

Servicing: Seat; Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.50, **Rotation** CR





110360 Alternator

Replacing: 0120489012; -3; -76; -557; -558; -581; -745; -791; -799; -800; -861; -862; -863; -864; -865; -866; -

Servicing: Audi; VW; Deutz-Fahr

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR

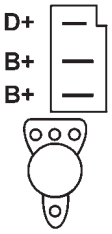



110371 Alternator

Replacing: 9127041233; -41; -42; 30-00349-01; 30-00363-00; -3; 30-00393-00; -2; 30-00423-00; 30-50307-00; 8ar65

Servicing: Carrier Transicold; Kubota

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Rotation** CR, **Terminal** W
w/ Mounting Kit





110497 Alternator

Replacing: 66921126; nab900; 9120690170; 66021126

Servicing: Austin-healey

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 10.50, **Mount. bracket dist.** 84.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR, **Terminal** W
W/ Mounting Bracket for left and right side of engine




110612 Alternator

Replacing: 0120489127; -738; -739; 19025066; -761; -786; 201003020.0; a115-03; -43; a125-02; a125-45b; als12n-2

Servicing: Fiat; Lancia; Zastava; Bertone

V. 12, **Amp.** 43, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 23.15, **Mount. bracket dist.** 73.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.45, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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110618 Alternator

Replacing: 0120335006; 9605062780; 2541299; 2541299a; 2541677; -718; a11vi10; -37; -42; 95050627; 95668060

Servicing: Citroen; Peugeot

V. 12, **Amp.** 50, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 55.70, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 94.60, **Rotation** CR




110619 Alternator

Replacing: 0120335007; 95667742; 9605062980; 63321641; -770; 9628925380; 2541298; 2541298a; 2541719; -63; a11vi

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 57.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 94.90, **Rotation** CR




110641 Alternator

Replacing: 0120300514; 0120339514; -31; -52; 11.201.027; -96; aag1301; -11; -28; 24171; 11.201.372; X830060011;

Servicing: Bosch; Case; Claas; Fendt; Goldoni; Deutz-Fahr; Kramer; Lamborghini; Liebherr; Linde; Bpm

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 55.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.30, **Rotation** CR





110658 Alternator

Replacing: 0120488120; -1; 0120489451; -2; 37300-21030; -320; -350; ab155001; ar160a; ar160ar; a1t01991; a1t403

Servicing: Mitsubishi; Dodge; Hyundai; Plymouth

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 48.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR



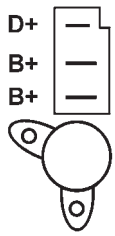


110668 Alternator

Replacing: 0120489395; -6; a2t40571; a2t40571b; a5t41271; md015020; md086049; md091846

Servicing: Mitsubishi

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 50, **Width of holder arm** 13.25, **Mount. bracket dist.** 46.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.20, **Rotation** CR



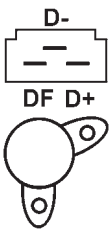


110726 Alternator

Replacing: 0120400744; 0120489500; -1; -19; -32; -46; -678; -698; -699; 23888; 9ar2511f; -9f; -24f; 028903023a;

Servicing: Audi; VW; Daf

V. 12, **Amp.** 35, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.40, **Fan** w/o, **Pulley** w/o, **Rotation** CR





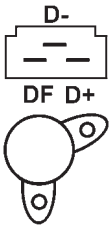
110728 Alternator

Replacing: 0120400504; -5; -628; -629; -645; -656; -657; -710; -711; -740; -741; -815

Servicing: Opel; Saab

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.90, **Rotation** CR

Regulator: Cargo 130675





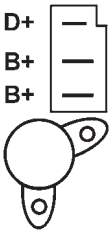
110729 Alternator

Replacing: 0120400870; -1; -921; -922; -928; 71212002; -202; -402

Servicing: Talbot; Saab

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 59, **Width of holder arm** 56.00, **Fan** EF, **Pulley** Pulley, **Pulley distance** 76.10, **Rotation** CR

Regulator: Cargo 130675



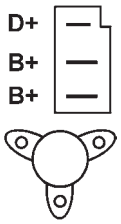


110730 Alternator

Replacing: 0120400856; -7; 0120489547; -8; -623; aak1146; 0041544402; -602; A0041544402; -602

Servicing: Mercedes-Benz

V. 12, **Amp.** 35, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 55.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.50, **Rotation** CR





110735 Alternator

Replacing: 0120400722; -3; 0031546102; 9al2834; A0031546102

Servicing: Mercedes-Benz; Audi; Lamborghini

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.80, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 76.00, **Rotation** CR
Regulator: Cargo 130675




110743 Alternator

Replacing: 5491319; 95618728; 7532; ald12n-53; aln12-1; 11.201.021; aag0702; 9al2696g; a11m12; a11m6; 5446241;

Servicing: Citroen

V. 12, **Amp.** 30, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 61.00
Regulator: Cargo 130679

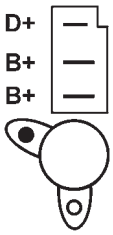



110751 Alternator

Replacing: 0120489723; -4; 9120080148; 0051542902; A0051542902

Servicing: Mercedes-Benz

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W





110759 Alternator

Replacing: 0120400704; -5; -814; 0120489087; -508; -509; -511; -536; -561; -562; -616; -803; -804; -894; -940;

Servicing: Ford; Austin; Mercury

V. 12, **Amp.** 35, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.65, **Mount. bracket dist.** 79.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.15, **Rotation** CR




110761 Alternator

Replacing: 0120488271; 0120489944; 11.201.635; aak1134; 0051548302; aak3557; 51.26101-7133; A0051548302

Servicing: Man; Deutz-Fahr

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Terminal** W
Fan: Cargo 133875




110762 Alternator

Replacing: 0120469541; -2; -3; -51; -52; -53; 035903015m; 068903017d; -25g; 069903023b; 0120469544

Servicing: Audi; VW; Porsche

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W

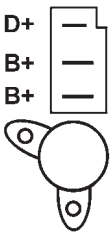



110766 Alternator

Replacing: 0120400694; -790; -791; 0120488224; 0120489023; -707; -730; 11.201.052; -574; aak1115; -352; 81.2610

Servicing: Iveco; Mercedes-Benz; Khd; Magirus-deutz; Case; Deutz-Fahr; Liebherr; Atlas Copco

V. 24, **Amp.** 27, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 56.25, **Fan** w/o, **Grooves in pulley** Single, **Pulley** w/o, **Pulley distance** 78.85, **Rotation** CR, **Terminal** W





110767 Alternator

Replacing: 0120489966; -7; 9ar5046g; 068903017; 068903017x; -25c; -27p

Servicing: Audi; VW

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 56.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 109.00, **Rotation** CR, **Terminal** W



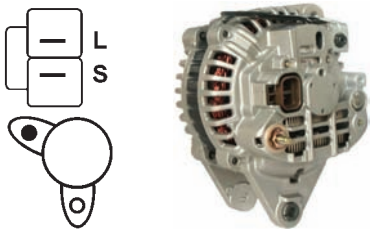

110801 Alternator

Replacing: 0r5217; 3n2706; 3t6352; 3y6691; 5n5692; 6n9294; 7n9720; 9g8255; 3016627rx; 3604676rx; 3923550; 11176

Servicing: International; Fiat-Allis; Cummins; Caterpillar; Atlas Copco; Case

V. 24, **Amp.** 45, **B+ / position** 1/4" UNF, **B+ position in min** 55, **Width of holder arm** 14.80, **Mount. bracket dist.** 101.70, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
Replacing: 20 SI. R-Terminal 8-32(W).

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

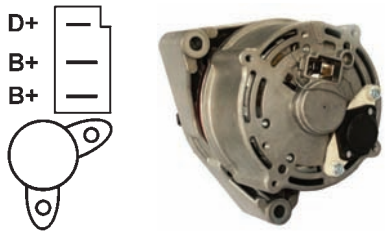


110803 Alternator

Replacing: 9120061100; 37300-35010; -30; ta000b0261; ab190012; a3t00692; -3; -792; a3t04292; md112322; -3; a000

Servicing: Mitsubishi; Hyundai; Kia; Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 12.80, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 23.80, **Rotation** CR

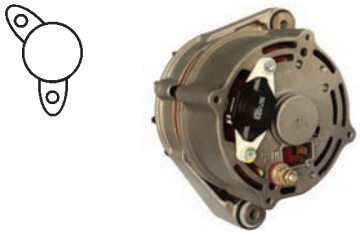


110875 Alternator

Replacing: 0120489024; -149; -748; -749; -750; -751; -935; -936; 0051546302; -602; 0051549802; 0061541502; 0120

Servicing: Mercedes-Benz; Zetor; Fiat; Lancia; Ferrari

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 5, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.25, **Rotation** CR

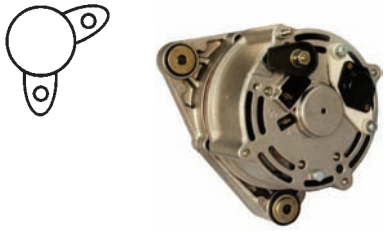


110876 Alternator

Replacing: 12311266660; 12311267401; -61; 12311270901; 12311276269; 12311277229; -503; -581; 0120489030; -1; -4

Servicing: BMW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 56.11, **Fan** EF, **Pulley** Pulley, **Pulley distance** 75.85, **Rotation** CR

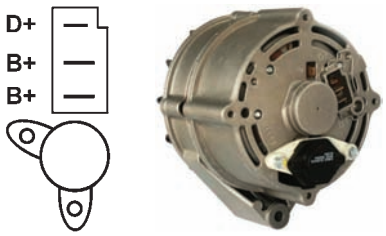


110877 Alternator

Replacing: 12311276139; 12311277219; -23; -47; -504; 12311285012; 12311286612; 12311362029; -77; -276; -468; 12

Servicing: BMW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 56, **Width of holder arm** 50.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 74.45, **Rotation** CR

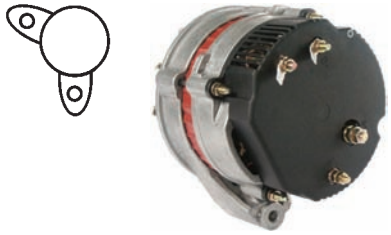


110880 Alternator

Replacing: 0120489043; -719; -720; -797; -798; -911; -912; 11.201.215; aak1165; 63305700; -20; 514002

Servicing: Alfa Romeo

V. 12, **Amp.** 45, **B+ / position** 9.4, **B+ position in min** 15, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR

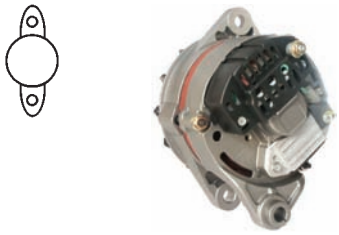


110881 Alternator

Replacing: 0120488114; -85; -257; -258; 0120489069; -70; -183; -309; 11.201.512; -226; aak1189; 0120488209; 117

Servicing: Volvo; Fendt; Deutz-Fahr; Marshall; Kramer

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.00, **Rotation** CR, **Terminal** W

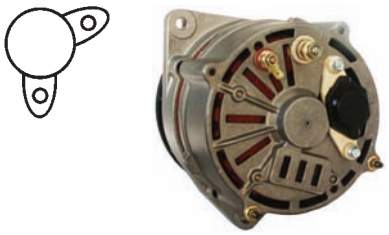


110882 Alternator

Replacing: 0120489106; -45; -761; -762; -765; 4152612; 46231751; 4711700; 4721587; 4808498; 5101645; 77028550;

Servicing: Fiat; Iveco; Alfa Romeo; Lamborghini; Same

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 16.25, **Mount. bracket dist.** 63.35, **Fan** w/o, **Pulley** w/o, **Rotation** CR

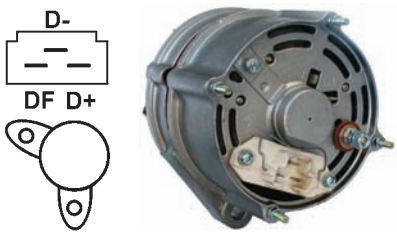


110884 Alternator

Replacing: 0120469563; -4; a14n97; 1269702; 1323351; 5001961

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 51.55, **Rotation** CR



110887 Alternator

Replacing: 0120400752; -3; -67; -68; -86; -87; -847; -848; a13r121; 71212702; 71270702; 71271402; 110901

Servicing: Alfa Romeo; Renault

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 27.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.20, **Rotation** CR
Regulator: Cargo 130675




110890 Alternator

Replacing: 0120400943; 0120489107; -34; -46; -47; -763; -770; -838; 19025046; 10910; 46231786; 4721589; -91; -9

Servicing: Alfa Romeo; Iveco; Fiat; Same; Lamborghini

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 65.30, **Fan** w/o, **Pulley** w/o, **Rotation** CR




110891 Alternator

Replacing: 0120488286; 0120489346; -7; -408; 1005351; 5026113; 86ab10300na; -b; 86ax10300mb; 0120488211; r86ax1

Servicing: Ford; Land Rover; Mg

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.30, **Mount. bracket dist.** 82.00, **Fan** EF, **Pulley** Pulley, **Rotation** CR, **Terminal** W




110895 Alternator

Replacing: 0120469001; -25; -101; -103; -509; -518; -686; -982; 0120489518; 6033gb3047; -55; b120421999; 127448

Servicing: Mercedes-Benz; Man; Daf; Kässbohrer; Ssangyong

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 80.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

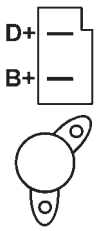



110896 Alternator

Replacing: 0120489428; 2940300; -1; 036903017j; -23s; -25k; -25p; 036903017JX; 036903023SX

Servicing: Mercedes-Benz; VW

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.85, **Rotation** CR




110899 Alternator

Replacing: 0120300528; -9; -58; -59; -68; -69; 4224325; 4257063; -74; -771; 4274815; 4275283; -5; -6; 4325179;

Servicing: Fiat; Volvo; Daf; Agrifull

V. 12, **Amp.** 33, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 24.00, **Mount. bracket dist.** 74.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.45, **Rotation** CR

Regulator: Cargo 130675




110902 Alternator

Replacing: 0120489372; -6; -7; b120402702; 11.201.145; -244; aak1150; -98; 2940308; -69; 1607361; 068903017r; -

Servicing: VW

V. 12, **Amp.** 45, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 99.00, **Rotation** CR, **Terminal** W




110904 Alternator

Replacing: 12311713363; 12311717078; 12311735702; 0120469775; -6; -990

Servicing: BMW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 16.00, **Mount. bracket dist.** 80.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.25, **Rotation** CR




110906 Alternator

Replacing: 0120489316; 11.201.050; aak1107; 0071542402; 0071544002; 0081543102; a13n166; 2104264; 0051541102; A

Servicing: Mercedes-Benz

V. 24, **Amp.** 30, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W



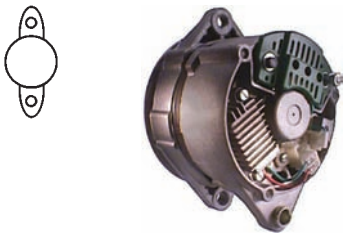

110911 Alternator

Replacing: 0120489653; -4; -7; -9; -735; -759; -760; 63305721; -2; 9ar2588k; -96k; 9ar2780k; 035903015; 0409030

Servicing: Audi; VW; Saab; Peugeot

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.64, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

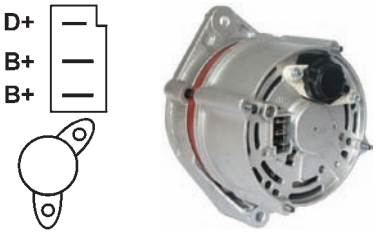


110912 Alternator

Replacing: 0120489020; -135; -170; -541; -542; -641; -642; -742; -743; -752; -753; 9120144201; -2; -38; -39; 19

Servicing: Fiat; Lancia; Seat; Ferrari; Fiat-Allis

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.40, **Mount. bracket dist.** 64.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR

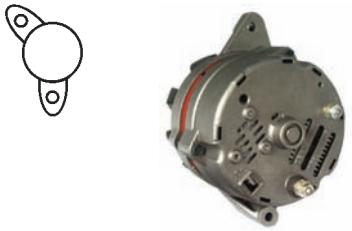


110913 Alternator

Replacing: 0120489016; -7; -77; -81; -262; -712; -773; -774; -868; -869; -870; -871; -872; -873; -980; -981; -9

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 17, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR

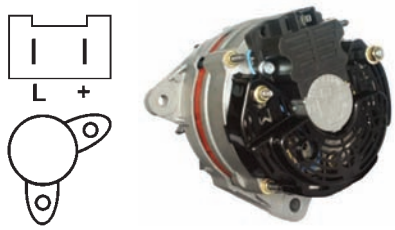


110914 Alternator

Replacing: 0120489120; -2; 053; -65; -206; -220; 3472053; -65; -206; -220; 1204002; -3; -12; -315

Servicing: Opel; Vauxhall

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 30, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.63, **Rotation** CR

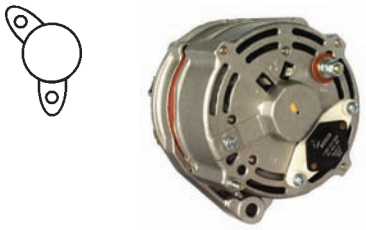


110915 Alternator

Replacing: 9120144230; -1; 451055; -8; -9; -75; 516006; -8; -28; 581207; 11.201.208; aak1176; 9ar2660k; -95k; 9

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.87, **Rotation** ACR

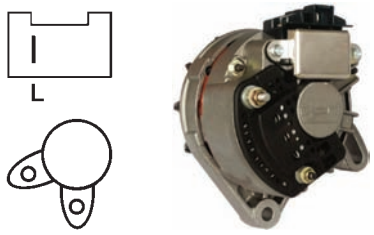


110916 Alternator

Replacing: 9120144242; -3; 95619190; 514005; 510-847; 9ar2687f; -g; 9ar2728f; -g; 9ar2982; a12r36; -7; 71636402

Servicing: Citroen; Peugeot; Talbot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 39.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.00, **Rotation** CR

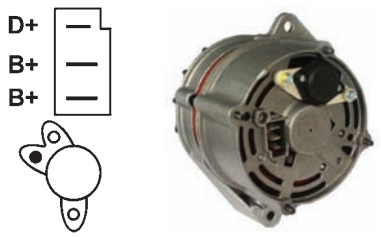


110917 Alternator

Replacing: 0120489277; -8; -945; -946; 9150870780; 514007; 9ar2859; 555797; 557097; a12r44; 71652702; 2928590

Servicing: Peugeot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.00, **Rotation** CR

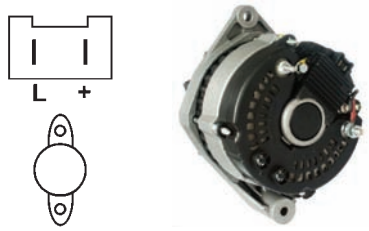


110919 Alternator

Replacing: 0120489195; -6; -248; -249; 11.201.438; -9; aak3543; -4; 9ar2977l; 9ar5030l; -88l; -99l; 049903017a;

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 97.45, **Rotation** CR

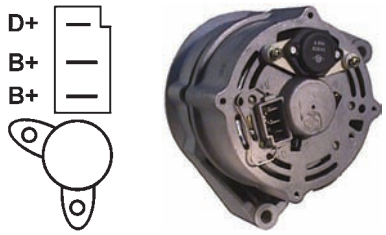


110920 Alternator

Replacing: 516023; als12x-65; -77; aak1129; a13n12; 7701349263; 7701351052; 7701499433; 9120144259; -60; 310154

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 101.00, **Rotation** CR

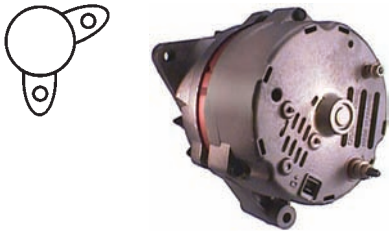


110923 Alternator

Replacing: 0120489232; -3; -4; -300; -301; -302; -323; -324; -331; -332; -333; -354; -355; 19025069; 14960; 006

Servicing: Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR

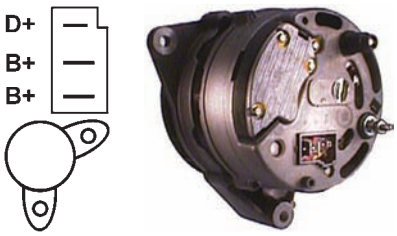


110925 Alternator

Replacing: 0120400838; -9; 0120489114; -5; -627; -628; 014; -32; -35; -58; 3472014; -32; -35; -58; 9ar2619g; 12

Servicing: Opel; Vauxhall; Saab

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR

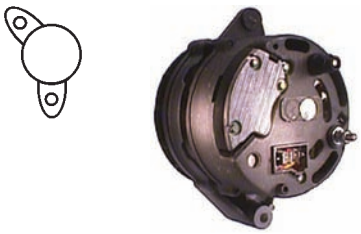


110971 Alternator

Replacing: 7530; 11.201.390; aak4192; 66021148; nab303; 0120489708; 11.201.544; AAK4503

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 30, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 85.00, **Rotation** CR/ACR, **Terminal** W

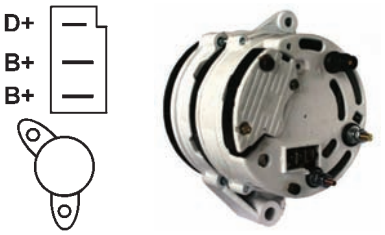


110972 Alternator

Replacing: 0120489121; -3; -4; 050; -2; -67; -68; 3471214; 3472050; -2; -67; -68; 60021054; -5; -6; 66021101; -

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 56.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 87.90, **Rotation** CR

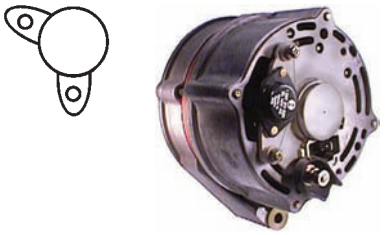


110974 Alternator

Replacing: 0120400782; -840; -841; 0120489108; -9; -629; -630; 002; -27; -28; -57; -272; 3472002; -27; -28; -57

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 86.25, **Rotation** CR

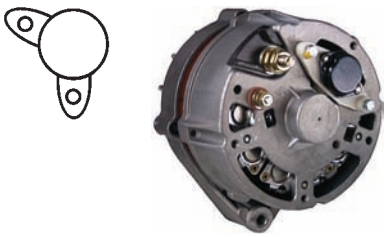


110987 Alternator

Replacing: 12311277230; -2; -49; -502; 12311361373; -4; -823; -824; 0120489044; -57; -58; -613; -614; -615; -66

Servicing: BMW; Audi; Saab; Mercedes-Benz

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.85, **Rotation** ACR

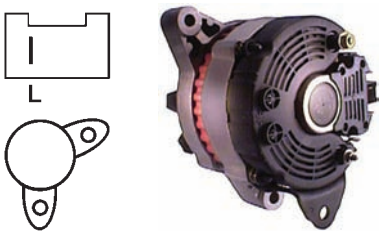


110990 Alternator

Replacing: 0120469514; -5; -34; -35; -45; -46; -48; -55; -56; -57; -58; 9ar2796; 2940357; -657; 035903015d; -g;

Servicing: Audi; VW; Porsche

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 52, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 83.40, **Rotation** CR

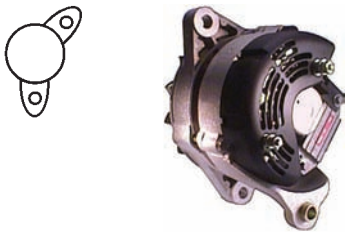


110993 Alternator

Replacing: 0120489393; -4; 9120144254; -5; -65; -66; 555763; a13n123

Servicing: Citroen; Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 36.00, **Mount. bracket dist.** 56.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 71.85, **Rotation** CR

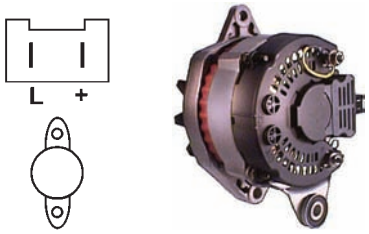


111035 Alternator

Replacing: 0120489126; -86; -87; -88; 19025051; -787; -789; 4395131; 4434084; 46231684; -7; 5958394; -5; 596759

Servicing: Fiat; Lancia; Zastava; Autobianchi; Innocenti; Case; Audi; VW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 22.00, **Mount. bracket dist.** 74.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.25, **Rotation** CR, **Terminal** W



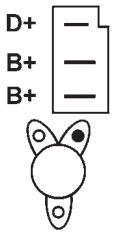
111072 Alternator

Replacing: 9120144283; -4; 451076; 9ar2676k; 9ar2948k; a13n139; a13n63; -5; -87; a13r228; -60; -69; 7700665612;

Servicing: Renault; VW

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 26, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.40, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



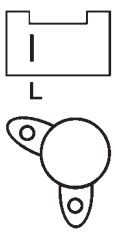


111074 Alternator

Replacing: 0120489203; 9ar2973; -4; 9ar5084l; 036903017e; -23r; -23t; 068903023r; -7b; 0120489238; -9; 06890301

Servicing: VW

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.40, **Rotation** CR



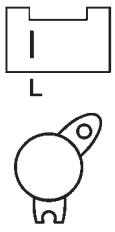


111075 Alternator

Replacing: 0120489193; -4; 95495512; 95607232; 95619192; 512010; 516039; -51; 11.201.255; aak4104; 9ar5062k; 55

Servicing: Citroen; Peugeot; Talbot; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.50, **Rotation** CR



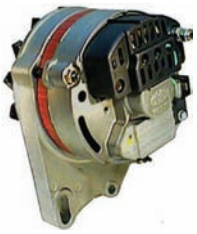


111076 Alternator

Replacing: 0120488214; -5; 0120489157; -8; -258; -259; -270; 9151095080; 9151798380; 95619191; 443113516404; 95

Servicing: Citroen; Peugeot; Talbot; Opel

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 26.80, **Mount. bracket dist.** 68.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.35, **Rotation** CR

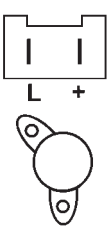



111078 Alternator

Replacing: 9120144228; -9; -40; -41; 516032; alp12n-20; -4; 4451759; 4456152; 4458618; 46231655; 5947366; -76;

Servicing: Fiat; Seat; Lancia; Autobianchi; Zastava

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 21.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 53.25, **Rotation** ACR



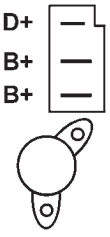


111082 Alternator

Replacing: 9120144277; 516062; -4; 11.201.664; aak4544; 63321083; -114; a13n110; -21; 7700764382; 7700767420; 7

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.88, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 100.95, **Rotation** CR





111083 Alternator

Replacing: 0120489260; -1; -559; -560; -746; -747; 11.201.077; aak1102; -18; -44; 9ar2517k; -27k; 9ar5044k; 036

Servicing: Audi; VW; Ford

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 60, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.15, **Rotation** CR

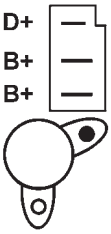



111085 Alternator

Replacing: 0120489065; -6; 11.201.203; -496; aak3573; a13n39; 1308720; 5002051; -898; 943356823; 1219754; 12349

Servicing: Volvo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 71.15, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 91.95, **Rotation** ACR



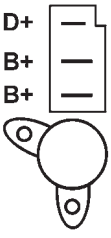


111086 Alternator

Replacing: 0120339504; -19; 0120400808; -9; -72; -73; 0120489050; -2; -4; -98; -99; -100; -101; -105; -287; -42

Servicing: Ford; Austin; Rover; Mg; Mercury

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 83.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.60, **Rotation** CR





111093 Alternator

Replacing: 0120489321; -2; -5; -6; -7; -8; -9; -30; 19025070; 14965; 0061548702; 0071545302; -402; -502; -602;

Servicing: Mercedes-Benz

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR




111094 Alternator

Replacing: 0120485007; 0120489369/370; a13e45; 2940311; 068903017n; -29s; -31k; -33b; 069903023f; 0120485008; 0

Servicing: Audi; VW

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 106.75, **Rotation** CR, **Terminal** W




111095 Alternator

Replacing: 0120489429; -30; -31; a13e39; 2940363; 2941293; 030903023; 036903017l; -25n; 036903017LX

Servicing: VW

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.30, **Rotation** CR, **Terminal** W




111096 Alternator

Replacing: 0120489565; -6; -83; -84; 9120080061; 043903023b; -c; -d; -g; -5a; 0120400836; -7

Servicing: VW

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Fan** w/o, **Pulley** w/o




111138 Alternator

Replacing: 0120489132; -3; -672; -673; -740; -741; -920; -921; 9120144208; -9; 19025045; 514014; als12n-55; -6;

Servicing: Fiat; Seat; Lancia

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.35, **Rotation** CR




111139 Alternator

Replacing: 0120469502; -3; -4; -5; -24; -25; -28; b120421870; 035903015a; 047903015; 063903015; -7; 063903017x;

Servicing: Audi; VW; Porsche

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.30, **Rotation** CR




111141 Alternator

Replacing: 0120400700; 0120488282; 0120489032; -315; -725; -726; -757; 11.201.097; -685; aak1130; aak4549; 0051

Servicing: Mercedes-Benz; Man

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 80.30, **Fan** w/o, **Pulley** w/o, **Terminal** W




111146 Alternator

Replacing: 0120469527; -038; -62; -92; -692; -761; -891; -983; 51.26101-7156; -90; 0120469024

Servicing: Man; Daf; Ford

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 80.25, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




111147 Alternator

Replacing: 12311271663; 12311273131; 12311277239; -505; 12311284461; 12311285006; 12311288408; -9; 12311289403;

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.00, **Rotation** CR




111148 Alternator

Replacing: 0120488140; -235; 0120489128; -9; -263; -348; -400; -942; -943; 283020.1; a125-65b; 4470266; 4623168

Servicing: Fiat; Lancia; Zastava; Autobianchi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 23.00, **Mount. bracket dist.** 75.60, **Fan** w/o, **Grooves in pulley** Single, **Pulley** Serpentine Pulley, **Pulley distance** 52.25, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

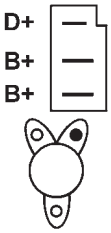



111149 Alternator

Replacing: 0120469583; -4; -8; -9; -90; -91; -642; -944; -945; 0061546402; -502; 0061547302; 0071540602; 007154

Servicing: Mercedes-Benz

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 44, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.00, **Rotation** ACR





111150 Alternator

Replacing: 0120489200; -5; -8; 510-201; -22; 9ar2970g; -1k; 9ar5083g; 9ar5100g; 2950830; 036903017c; 068903017g

Servicing: Opel; VW

V. 12, **Amp.** 70, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 99.00, **Rotation** CR




111151 Alternator

Replacing: 0120469510; -1; -37; -75; -76; -799; -800; -818; -819; 0120489575; -6; 1204030; -52; 90337051; 81137

Servicing: Opel; Vauxhall; Lancia

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.45, **Rotation** CR




111152 Alternator

Replacing: 0120489380; 2940306; 036903017f; -25m; 068903031a; -e; -f; 2523202; 036903017FX

Servicing: VW

V. 12, **Amp.** 45, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 71.15, **Rotation** CR, **Terminal** W




111153 Alternator

Replacing: 0120489549; -50; -903; -904; 63305800; -20; a13n80; a13r192

Servicing: Alfa Romeo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 27.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.00, **Rotation** CR

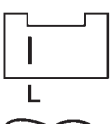



111154 Alternator

Replacing: 0120489379; -449; -497; a13e09; -43; -58; 2541438; 2940307; -9; -71; 068903017l; -t; 068903031; 0689

Servicing: Mercedes-Benz; Audi; VW; Seat

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.00, **Terminal** W





111155 Alternator

Replacing: 0120489173; -4; -344; 9151589980; a13n144; a13n41; a13r268; 71652102; 71653202; 2183106

Servicing: Peugeot; Talbot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 65.00, **Rotation** CR




111156 Alternator

Replacing: 0120489189; -90; -358; 9ar2998p; a14n23; -36; -78; -79; -r23; -r41

Servicing: Peugeot; Talbot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 64.30, **Rotation** CR




111157 Alternator

Replacing: 0120469009; -661; -662; -676; -677; -808; -809; -810; -958

Servicing: Ford; Jaguar; Merkur

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.70, **Fan** w/o, **Pulley** Pulley, **Rotation** CR, **Terminal** W




111160 Alternator

Replacing: 0120489360; -1; 027903015; 027903015x

Servicing: VW; Seat

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 14.15, **Mount. bracket dist.** 81.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 63.90, **Rotation** CR, **Terminal** W

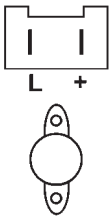



111161 Alternator

Replacing: 0120469689; -90; -709; -780; -831; 027903015a; -c; 027903017; 034903015b; -q; -6b; 034903017; 034903

Servicing: BMW; VW; Audi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 14.50, **Mount. bracket dist.** 81.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 64.90, **Rotation** CR



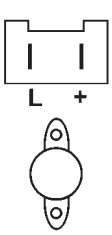


111162 Alternator

Replacing: 9120334311; a13n86; 7700499228; 7700751336; 7700753082; 7701351763; 7701489227; -8; -37; -88; 516059

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 37, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.25, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 45.80, **Rotation** CR





111163 Alternator

Replacing: 9120144285; -6; 11.201.476; aak3568; a13n88; 7700709420; 7700710963; 7700754833; 7701499248; -463; 7

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 26.75, **Mount. bracket dist.** 66.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.50, **Rotation** CR, **Terminal** W




111164 Alternator

Replacing: 0120488000; -1; -9; -12; 1204035; -6; -7; -56; -330; 90295212; 90297896

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 39.20, **Rotation** CR, **Terminal** W




111166 Alternator

Replacing: 0120488159; -64; -65; -90; -91; 0120489633; -4; 105; -6; -39; -239; 3472105; -6; -39; -706; 3493239;

Servicing: Opel; Vauxhall; Lancia; Bedford; Albin

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR




111168 Alternator

Replacing: 0120488203; 0120489123; -4; -5; -947; -948; -950; -951; -952; 051; -66; -208; 3472051; -66; -208; 34

Servicing: Opel; Vauxhall; Ferrari

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 41, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.00, **Rotation** ACR, **Terminal** W




111169 Alternator

Replacing: 0120488172; -3; -92; -93; 120; -1; -220; 3472120; -1; 3493220; -621; -721; 621; 1204070; -87; -105;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 28, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 85.00, **Rotation** CR




111170 Alternator

Replacing: 0120488166; -200; -201; 0120489488; -9; 11.201.749; aak4582; 9515050; -1; 0120489418; -21; 1204058;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 10.80, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 34.85, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




111174 Alternator

Replacing: 0120489439; -40; 025903017; 025903023a; 076903023h

Servicing: VW

V. 12, **Amp.** 45, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.50, **Rotation** ACR

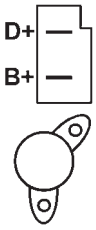



111178 Alternator

Replacing: 0120488170; -1; 0120489108; -9; -10; -11; -629; -630; -631; -632; 134; -234; 3472134; 3493234; -634;

Servicing: Opel; Land Rover; Vauxhall; Bedford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 6, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.85, **Rotation** CR

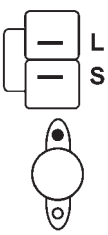



111180 Alternator

Replacing: 0120339515; -6; -27; -28; 19025042; -63; 10590; 4474729; -52; 4475266; -8; 46231680; 4998353; 771454

Servicing: Fiat; Zastava; Lamborghini; Same; Fiat-Allis

V. 12, **Amp.** 33, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 25.00, **Mount. bracket dist.** 74.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR




111216 Alternator

Replacing: 9120060027; 44-8950; 44-9571; 5d33839g01; 5d38603g01; 66021606; 9514090; 41-7912; 0120488297; 41-678

Servicing: Thermo King

V. 12, **Amp.** 37, **B+ / position** M6, **B+ position in min** 54, **Width of holder arm** 50.80, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W
OAL 165mm.




111261 Alternator

Replacing: 0r5206; 1005047; 5s9088; 6t7223; 1117226; -9; -36; -39; -43; -48; -50; -53; -58; 70699268; 0R3667; 9

Servicing: Caterpillar

V. 24, **Amp.** 50, **B+ / position** 7/16" UNC, **B+ position in min** 8, **Width of holder arm** 14.10, **Mount. bracket dist.** 102.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR
Replaces: 25SI.




111268 Alternator

Replacing: 0120485015; 0123310016; 23100-72j00; -10; 0123310009

Servicing: Nissan; Infiniti

V. 12, **Amp.** 80, **B+ / position** M5, **B+ position in min** 2, **Width of holder arm** 26.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

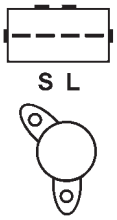



111279 Alternator

Replacing: 9120334317; -8; a1t01791; a1t02991; a1t03191; a1t03191zc; a1t04495; a5t07091; a5t07091zc; a7t00191;

Servicing: Suzuki; Chevrolet; Geo; Pontiac

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 20.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR




111280 Alternator

Replacing: 0120335008; 0123115008; -10; 23100-0u060; 23100-10s00; 23100-54b61; -2; 20110170

Servicing: Nissan

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 6, **Width of holder arm** 24.80, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.25, **Rotation** CR




111287 Alternator

Replacing: 0120489427; -34; -35; -96; 11.201.210; -1; -529; -611; aak1178; -9; aak3510; 068903017m; -31d; -31l;

Servicing: VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 106.40, **Rotation** CR

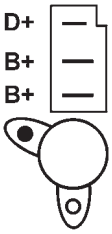



111288 Alternator

Replacing: 0120488196; -8; -9; -237; -240; 0120489198; -374; -375; -442; 11.201.122; -245; aak1140; -99; a13e41

Servicing: VW; Seat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR, **Terminal** W



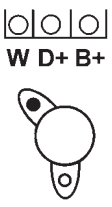


111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W





111292 Alternator

Replacing: 0123310015; 1019077; 7118750; 7276001; 94ab10300ba; 94fb10300aa; -b; r94ab10300ba; a2t81891; a2ta259

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 31, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 31.50, **Rotation** CR, **Terminal** W




111293 Alternator

Replacing: 0120485029; 0123310014; 7275999; 91ab10300sa; 92ab10300dd; -fa; -fb; 92fb10300fb; a2t14591; a2t28792

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 31, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 31.20, **Rotation** CR




111298 Alternator

Replacing: 9127041241; 30-00393-02

Servicing: Carrier Transicold

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 27.50, **Fan** w/o, **Pulley** w/o, **Rotation** CR




111318 Alternator

Replacing: 0123310011; -3; 9617861280; -380; 9618961580; a2ta1991; a2ta1991d; -f; 9631318180; 2542355; a13vi102

Servicing: Citroen; Peugeot; Fiat; Lancia; BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 59, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.35, **Rotation** CR

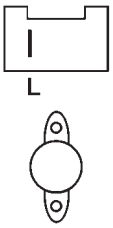


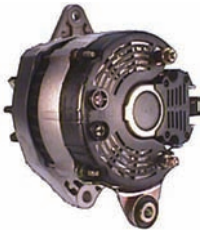

111320 Alternator

Replacing: 0120469611; -20; -82; -83; -880; -881; 8545741; 8548240; 8586059; 9120965; 9555285; 9560954; 9562752

Servicing: Saab; Mercedes-Benz

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 23, **Width of holder arm** 56.25, **Fan** EF, **Pulley** w/o, **Rotation** CR



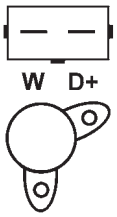


111321 Alternator

Replacing: 0120489491; 11.201.523; aak3583; a13n133; -78; -232; -241; 2541173; -445; -490; -807; 9031146; 66021

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.15, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.20, **Rotation** CR





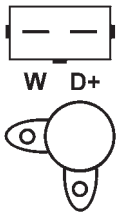
111352 Alternator

Replacing: 0120335010; 0120485034; 0123310002; -20; 0123315001; b120310050; -87; b120411203; -4; aak5169; 25414

Servicing: VW; Seat; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 14.65, **Mount. bracket dist.** 59.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.45, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





111353 Alternator

Replacing: 0120485043; 0123310001; -19; -32; 0123315002; b120310084; 9517162; 2541619; -76; -819; a11vi36; -64;

Servicing: VW; Seat; Ford; Audi; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

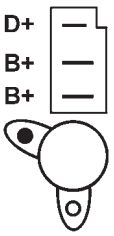



111354 Alternator

Replacing: 0120485011; -2; 0123310005; 0123315005; 11.203.024; 0081545202; 0081549702; 0091544002; -202; 254168

Servicing: Mercedes-Benz

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.35, **Rotation** CR, **Terminal** W



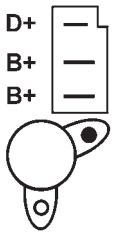


111355 Alternator

Replacing: 0120489293; -384; -385; 24158; -209; -245; -291; -294; -390; 54022579; -428; -639; -642; -647; -656;

Servicing: Austin; Rover; Nissan; Mg; Massey Ferguson; New Holland; Dronningborg; Valmet; Universal

V. 12, **Amp.** 65, **B+ / position** M6-6.3, **B+ position in min** 11, **Width of holder arm** 11.50, **Mount. bracket dist.** 81.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR, **Terminal** W



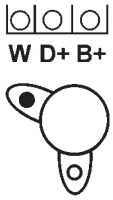


111356 Alternator

Replacing: 0120488189; 89ff10300ab; -c; r89fx10300gb; 11.201.587; aak4532; 54021506; -879; 54022059; -173; -190

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 84.50, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W



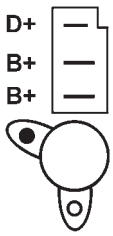


111359 Alternator

Replacing: 0120488148; 0120489460; 88bb10300ha; -b; 88bx10300gb; 24216; 54022181; -318; -319; -320; 24216a; 201

Servicing: Ford

V. 12, **Amp.** 70, **Width of holder arm** 10.85, **Mount. bracket dist.** 82.75, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 24.55, **Rotation** CR



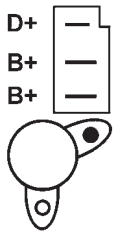


111362 Alternator

Replacing: 0120489290; -345; 82fb10300ea; 85bb10300da; 86ab10300eb; 86ax10300ab; -db; 87bb10300ba; 24215; -49;

Servicing: Ford; Austin; Land Rover; Mg; Valmet

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 11.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.50, **Rotation** CR, **Terminal** W



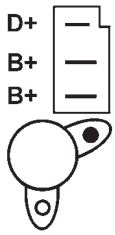


111364 Alternator

Replacing: 0120489251; -2; -92; 6159682; 82bb10300ga; 84ab10300aa; -ma; -mb; 84fb10300aa; 864f10300ea; 86ax1030

Servicing: Ford; Rover

V. 12, **Amp.** 55, **B+ / position** M6-6.3, **B+ position in min** 14, **Width of holder arm** 12.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W





111366 Alternator

Replacing: 9120144289; -90; 24169; -98; 54022145; -66; -96; -207; -228; -246; -264; -265; -274; -401; 24219; 24

Servicing: Land Rover; Ldv International

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 11.00, **Mount. bracket dist.** 83.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W

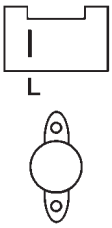



111369 Alternator

Replacing: 0123320044; 0123335002; -6; -7; 0091540102; -202; 0091545902; 0101544602; 0101545502; 0101549902; 25

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 89.85, **Rotation** CR, **Terminal** W





111403 Alternator

Replacing: 0120488143; 11.201.568; aak4515; a13n238; -138; -179; -3; 515003

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 33, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.25, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 46.75, **Rotation** CR, **Terminal** W





111418 Alternator

Replacing: 0120488284; 0120489336; -7; 19025068; 4799364; 4808500; -2; -7; 11.201.585; aak4530; 63320024; 63321

Servicing: Iveco; Fiat; Alfa Romeo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR





111427 Alternator

Replacing: 0123212001; 93bb10300ae; -g; -ce; r93bb10300ag; a4t01591

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.50, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.50, **Rotation** CR





111416 Alternator

Replacing: 0124215002; 46420965; 46464276; 63320511; 63321282; -04; -51; -75; -362; -367; -615; -616; -661; -82

Servicing: Fiat; Citroen

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 16.75, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Pulley, **Pulley distance** 49.85, **Rotation** CR



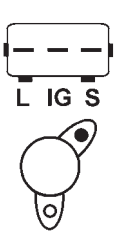


111419 Alternator

Replacing: 0120469549; -890; 4757192; -3; -4; 4844266; 0120469634; 11.201.555; aak4507; 4757193; -4; 4738026; 4

Servicing: Iveco; Fiat-Allis; Allis Chalmers; Benfra; Laverda

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 17.45, **Mount. bracket dist.** 62.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 50.00, **Rotation** CR, **Terminal** W





111468 Alternator

Replacing: 0123325000; -3; -13; 101211-5010; -230; 101211-9510; -80; -670; 27060-03040; -60; 27060-74360; -410;

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



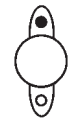


111417 Alternator

Replacing: 0124225016; 46540294; 63321302; -618

Servicing: Fiat

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 16, **Width of holder arm** 17.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.75, **Rotation** CR



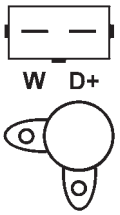


111426 Alternator

Replacing: 0123505002; 0124415008; 10479923; 10480222; 3493409; -823; -824; -923; -927; 384; -409; -823; -824;

Servicing: Opel; Vauxhall; Isuzu

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 33.75, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 51.50, **Rotation** CR





111477 Alternator

Replacing: 0120485038; 0123320001; -7; 0123340003; 9123320007; 1031896; 7203201; 95VW10300aaa; 95VW10300na; -ra

Servicing: VW; Seat; Ford; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 62.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

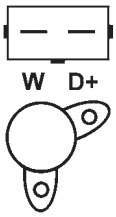



111478 Alternator

Replacing: 0123320016; -52; 9123320016; 2541856; -95; a13vi138; -56; 058903016a; -b; -e; -8a; -8b

Servicing: Audi; VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 30.50, **Rotation** CR





111479 Alternator

Replacing: 0120485036; 0123320002; -6; 0123340002; 2541416; 2941814; a13vi123; a13vi40; 028903025p; 030903023c;

Servicing: VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 6, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W




111514 Alternator

Replacing: 0123505003; 10479955; 10480226; 3493455; -814; -855; -914; -955; 455; -814; -855; -914; -955; 104799

Servicing: Opel; Saab; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 34.00, **Mount. bracket dist.** 56.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR






111519 Alternator

Replacing: 0120489477; -8; b120402015; -6; -250; -414

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 11.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR, **Terminal** W




111539 Alternator

Replacing: 0120489364; -71; -441; -448; 025903023b; 034903015j; 076903023i; 111077; -158

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.50, **Rotation** CR, **Terminal** W




111620 Alternator

Replacing: 0120488254; 0120489272; -3; -307; -318; -319; -823; -824; 13850; 46231740; 5955557; 5958565; 5960289

Servicing: Alfa Romeo; Fiat; Lancia; Ferrari

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.30, **Mount. bracket dist.** 63.60, **Fan** EF, **Grooves in pulley** 5, **Pulley** Pulley, **Pulley distance** 47.75, **Rotation** CR




111629 Alternator

Replacing: 0120600579; 0120689503; -4; -8; -12; -13; -15; -20; -32; -33; -91; 11.201.868; aat1303; 0071542802;

Servicing: Mercedes-Benz; Man

V. 24, **Amp.** 120, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 15.00, **Mount. bracket dist.** 179.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 56.00, **Terminal** W
B- M8




111631 Alternator

Replacing: 0120469018; -33; 6033gb3020; a14n183m; 2541624; 2542514; 3986428; 8144401; 11.203.215; aak5517; 6033

Servicing: Volvo

V. 24, **Amp.** 60, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.50, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** W

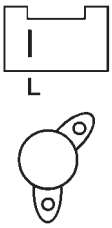



111649 Alternator

Replacing: 0120300562; 0120339512; -43; -44; -45; ar62401; az23575; 11.201.784; AAG1343; 0120300517; 0120339511

Servicing: Claas; Eicher; Lamborghini; John Deere; Same

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.00, **Rotation** CR



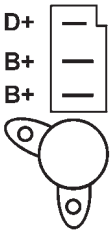


111651 Alternator

Replacing: 9120334310; 95607228; 451066; 516012c; 516014; 46231723; 77612410; 9ar2663k; -73k; 9ar2964k; 555779;

Servicing: Citroen; Peugeot; Fiat; VW

V. 12, **Amp.** 50, **B+ / position** M6,
B+ position in min 50,
Width of holder arm 27.00,
Mount. bracket dist. 65.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 49.00, **Rotation** CR



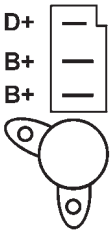


111652 Alternator

Replacing: 0120489002; -3; -4; -6; -7; -9; -10; -11; -521; -713; -714; -732; -971; -972; 9120080118; 11.201.605

Servicing: Audi; VW

V. 12, **Amp.** 65, **B+ / position** Plug,
B+ position in min 45,
Width of holder arm 56.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 108.50, **Rotation** CR





111653 Alternator

Replacing: 0120489014; -5; -62; -858; -859; -860; -892; -893; -987; -988; 9al2615; 9al2708g; 9ar2708g; -27g; -9

Servicing: Audi; VW

V. 12, **Amp.** 45, **B+ / position** 9.7,
B+ position in min 15,
Width of holder arm 56.50, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 108.50, **Rotation** CR




111654 Alternator

Replacing: 19025059; -62; 46231762; 7552382; 7701840; 11.201.334; -696; aak4150; -60; -557; 63320013; -7; -20;

Servicing: Fiat; Lancia

V. 12, **Amp.** 65, **B+ / position** M6,
B+ position in min 60,
Width of holder arm 16.00,
Mount. bracket dist. 64.00, **Fan** EF, **Pulley** Serpentine Pulley, **Rotation** CR/ACR




111656 Alternator

Replacing: 0120489116; -7; -766; -767; 023; -6; -37; -48; -59; 3472023; -6; -37; -48; -59; 1204006; -14; -69; -

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 45, **B+ / position** M6,
B+ position in min 25,
Width of holder arm 56.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 77.00, **Rotation** CR




111662 Alternator

Replacing: 0120339521; -36; 11.201.500; -7; aag1338; -41; 3218577EX; 3218577R91; 605710100130; 11.201.115; aag1

Servicing: Case; Ferrari; Goldoni; Agrifull; Lombardini; Arona

V. 12, **Amp.** 33, **B+ / position** M6,
B+ position in min 10,
Width of holder arm 56.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




111665 Alternator

Replacing: 0120488162; -3; 0120489125; -949; -952; 119; -219; 3472119; 3493119; -219; 1204076; 0120488174; -5;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6,
B+ position in min 28,
Width of holder arm 56.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 84.00, **Rotation** CR




111667 Alternator

Replacing: 0120488102; -3; 0120489715; -6; -905; -906

Servicing: Alfa Romeo

V. 12, **Amp.** 65, **B+ / position** M6,
B+ position in min 33,
Width of holder arm 27.25, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 51.00, **Rotation** CR




111668 Alternator

Replacing: 0120489072; -3; -130; -350; -445; -450; -485; -874; -875; 7546639; 7575565; 63320045

Servicing: Fiat; Lancia; Bertone

V. 12, **Amp.** 70, **B+ / position** M6,
B+ position in min 57,
Width of holder arm 23.50,
Mount. bracket dist. 56.50, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 51.00, **Rotation** CR

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.

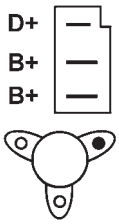



111669 Alternator

Replacing: 0120488002; -3; -4

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.40, **Mount. bracket dist.** 80.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 40.50, **Rotation** CR





111670 Alternator

Replacing: 0120489818; -9; -915; -916; -990; -991; 070903023c; -d; 070903023CX

Servicing: VW

V. 12, **Amp.** 45, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o

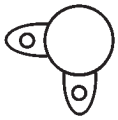



111675 Alternator

Replacing: 0123320011; -39; 4434056; 11.203.012; AAK5313

Servicing: Saab

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 84.50, **Rotation** CR, **Terminal** W

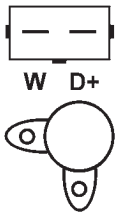



111676 Alternator

Replacing: 0120485020; 0123320003; -48; 0123340001; b120411182; 2541817; a13vi126; 028903018f; -23e; -25e; 0120

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.80, **Mount. bracket dist.** 60.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR, **Terminal** W





111677 Alternator

Replacing: 0120485023; -39; 9517187; 021903023q; 0123320005; 11.203.228; aak5522; 2541420; a13vi44; 0123340005

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00

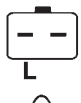



111686 Alternator

Replacing: 0120489018; -136; -152; -153; -212; -219; 19025060; 4765931; -3; -4; 4787668; -71; 4808506; -10; -17

Servicing: Alfa Romeo; Fiat; Lancia; Lamborghini; Laverda; Iveco

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.00, **Mount. bracket dist.** 71.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.50, **Rotation** CR





111718 Alternator

Replacing: 0123100001; 7700105333; 2541953; a11vi88; 8111920; tg8s025; -17; lea0458

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 26.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W

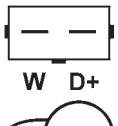



111732 Alternator

Replacing: 0123505001; 0123510063; 6204063; -145; 90356665; -897; 90365665; 90443929; -31; 90542981; 0124515086

Servicing: Opel; Vauxhall

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 34.00, **Mount. bracket dist.** 58.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.00, **Rotation** CR



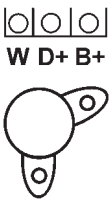


111733 Alternator

Replacing: 0120465020; 0123505005; 0123510001; -6; -32; -34; -56; b120510330; 021903023l; 023903025r; 028903018

Servicing: VW; Ford; Audi; Seat; GMC

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.00, **Rotation** CR, **Terminal** W





111741 Alternator

Replacing: 0120488149; -78; -79; -80; -242; -243; 5024754; 89bb10300jb; 89bx10300hb; 92vb10300ab; -bb; 01204881

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 11.50, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W





111746 Alternator

Replacing: 0120468093; -135; 6033gb3021; 1096758; 3986429; 0120468144; 11.203.275; aan5171; 860551

Servicing: Volvo

V. 24, **Amp.** 90, **B+ / position** M6, **B+ position in min** 49, **Width of holder arm** 14.50, **Mount. bracket dist.** 103.00, **Fan** EF, **Pulley** Double Pulley, **Rotation** CR/ACR, **Terminal** W





111772 Alternator

Replacing: 0123510045; 058903016d

Servicing: Audi

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.20, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 35.00, **Rotation** CR





111795 Alternator

Replacing: 1090085; 1097305; 98ab10300gc; -d; -e; -f; -g; -j; 63321679; 63341679; 63321279; -697; 63341797; 98A

Servicing: Ford

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 72.00, **Mount. bracket dist.** 53.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 12.50, **Rotation** CR





111799 Alternator

Replacing: 0120489310; -1; -2; 8545675; -758; 8597924; 9506221; 0120489253; 8545667; 9555251; 2940361; 11.201.5

Servicing: Saab

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 56.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 79.50, **Rotation** CR, **Terminal** W



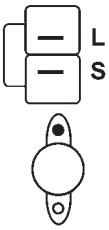


111800 Alternator

Replacing: 0120489341; -3; 070; -188; 3472070; -188; 3493620; 620; 1101199; 11.201.297; aak4131; 1204043; -4; -

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.00, **Rotation** CR, **Terminal** W





111812 Alternator

Replacing: 9120335000; -1; 23100-9c600; 23100-d9709; -10

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 60.00, **Rotation** CR





111813 Alternator

Replacing: 0120450011; -2; -3; -4; -6; -7; -8; -9; -24; -25; 4557432; 0120450023

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

Regulator: Cargo 131280





111814 Alternator

Replacing: 0120450029; 4686021; 4727036

Servicing: Chrysler

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.30, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

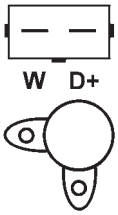
Regulator: Cargo 131280

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




111815 Alternator

Replacing: 0120450026; -7; -8; 4686019
Servicing: Chrysler
V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 12.30, **Mount. bracket dist.** 54.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 31.85, **Rotation** CR, **Terminal** W
Regulator: Cargo 131280





111820 Alternator

Replacing: 0123320019; -27; -34; 9517181; -3; 2541801; a13vi114; 028903027l; -8g; 037903025c; 11.203.080; aak53
Servicing: Skoda; Audi; VW
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.80, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W



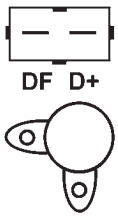

111824 Alternator

Replacing: 0123110008; 0124225001; -18; -22; 1204136; 6204071; -5; 90543234; 90561967; 90589721; 9117930; 91928
Servicing: Opel; Vauxhall
V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 33.70, **Mount. bracket dist.** 58.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 53.00, **Rotation** CR




111826 Alternator

Replacing: 0123510044; -102; 0101540302; -402; 0101547402; A0101540302; -402; A0101547402; 20130157
Servicing: Mercedes-Benz; Opel
V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 79.50, **Rotation** CR





111828 Alternator

Replacing: 0123515017; -20; 1076005; 97VW10300ea; 028903026g
Servicing: VW; Seat; Volvo; Ford
V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 39.50, **Rotation** CR



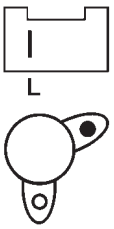

111833 Alternator

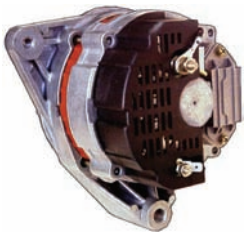
Replacing: 0120689530; -5; -71; 1277670; 11.201.519; -757; -895; aat1302; -6; 0081547802; 0111545002; 012068957
Servicing: Mercedes-Benz; Drögmöller
V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.70, **Mount. bracket dist.** 182.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
B- M8




111834 Alternator

Replacing: 0120469569; -643; -763; -807; -900; -959; 257592; a13n11; 11.201.801; aak1398; 0120469960; 858882; i
Servicing: Scania
V. 24, **Amp.** 55/70, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 80.50, **Fan** EF, **Pulley** w/o, **Terminal** W
Cargo 112182 (80 Amp)





111841 Alternator

Replacing: 0120489467; -76; 95624961; 95632024; 9602174480; 11.201.060; -624; aak1111; aak3515; a1t02674; a1t02
Servicing: Citroen; Peugeot
V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 57, **Width of holder arm** 55.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 95.50, **Rotation** CR




111842 Alternator

Replacing: 0120689517; -22; -27; -40; -41; -69; -75; 1277690; 500332014; 11.203.001; -239; aat1337; 11.203.085;
Servicing: Mercedes-Benz; Man; Neoplan; Ikarus
V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 15.00, **Mount. bracket dist.** 185.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 71.10, **Rotation** CR, **Terminal** W
B- M8




111843 Alternator

Replacing: 0120484011; -8; -26; 9x0341; px0341; 3282554; 11.201.875; AAK5165; A187623; AH137883; 9120060041; 20

Servicing: Case

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 51.00, **Fan** w/o, **Grooves in pulley** 6, **Pulley** w/o, **Pulley distance** 74.60, **Rotation** CR, **Terminal** W

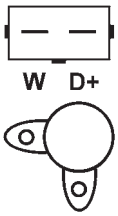



111850 Alternator

Replacing: 0123510018; 0123520007; 0091545602; 0101547102; 11.203.248; aan5166; A0091545602; A0101547102; 01235

Servicing: Mercedes-Benz

V. 12, **Amp.** 143, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.50, **Rotation** CR, **Terminal** W



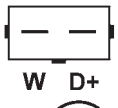


111857 Alternator

Replacing: 0123510065; 037903025d

Servicing: Audi; Skoda; VW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W





111858 Alternator

Replacing: 0123320036; 9517184; 028903026a; 9517484

Servicing: VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 42.90, **Rotation** CR, **Terminal** W




111859 Alternator

Replacing: 0120689526; 7421345000; 11.203.229; aat1327; 1277970

Servicing: Kässbohrer

V. 24, **Amp.** 120, **B+ / position** M8, **B+ position in min** 27, **Width of holder arm** 15.50, **Mount. bracket dist.** 180.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W *B- M8*

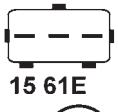



111860 Alternator

Replacing: 0120469979; 46423006; 0120469034; -860; -861; -875; -892; 7634024; 7641975; 7697867

Servicing: Fiat; Lancia

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 35, **Width of holder arm** 17.00, **Mount. bracket dist.** 63.30, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 56.00, **Rotation** CR



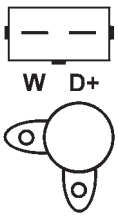


111873 Alternator

Replacing: 12311432978; 12311740633; 0123315013; 0123325010; 2541811; -912; a13vi119; -60; 12311432977; 1231174

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 28.00, **Mount. bracket dist.** 76.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 69.00, **Rotation** CR



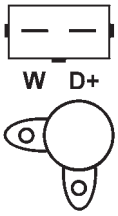


111878 Alternator

Replacing: 0123310037; 9517163; 037903025b; 11.203.076; aak5347; 20110386

Servicing: Skoda; Audi; VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W





111879 Alternator

Replacing: 0120485044; 0123310003; 0123315006; 9517166; 021903025

Servicing: VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

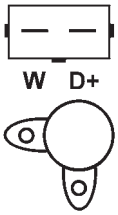



111883 Alternator

Replacing: 0123510038; -49; -80; -101; 0101540102; -502; 0101549402; 0111540802; 11.203.115; aan5132; 11.203.11

Servicing: Mercedes-Benz

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 35, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 92.00, **Rotation** CR





111884 Alternator

Replacing: 0123320038; 028903028j; 11.203.078; aak5349; 35214370; 9517482; 0123310049

Servicing: VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W

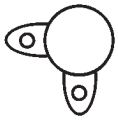



111886 Alternator

Replacing: 0120468131; 6033gb3033; 1336136; 1394969; 1409378; 6033gb3034; 860557

Servicing: Scania

V. 24, **Amp.** 65, **B+ / position** M8, **B+ position in min** 23, **Width of holder arm** 23.25, **Mount. bracket dist.** 68.70, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




111887 Alternator

Replacing: 0123320021; 7387708; 95VW10300cc; r95VW10300cc

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 28.50, **Rotation** CR




111888 Alternator

Replacing: 0120488205; 11.201.595; aak1363; A187873; 3e7285; 3920679; 0120489475; A181873; AT173624; 0120488293

Servicing: Case

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 50.60, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 81.00, **Rotation** CR, **Terminal** W




111890 Alternator

Replacing: 0123320041; 0123340007; 11.203.030; 0091543302; 0101540802; 0101544802; a13vi222; aak5322; A00915433

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 38, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W




111891 Alternator

Replacing: 0123110005; 1204129; 90289247; 90389247; 90511446

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 33.60, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.75, **Rotation** CR

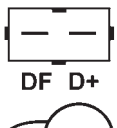



111893 Alternator

Replacing: 9617842880; 0123310012

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.45, **Rotation** CR



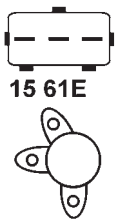


111894 Alternator

Replacing: 0123515013; -28; 8111048; 9162927; 9442905; 9447866

Servicing: Volvo

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.50, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.



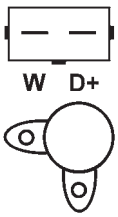


111895 Alternator

Replacing: 12311432831; 12311433265; 12311702096; 12311741138; 12311742910; 0123515001; -2; -10; -23

Servicing: BMW

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 66.00, **Rotation** CR



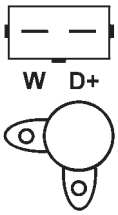


111898 Alternator

Replacing: 0123510026; 0123515016; b120510614; 028903027p; 0123505016

Servicing: VW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.25, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W





111899 Alternator

Replacing: 0123320018; 9517189; 028903027n; 11.203.079; aak5350

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.30, **Rotation** CR, **Terminal** W




111901 Alternator

Replacing: 12311715659; 12311733060; -772; 0120468032; -3

Servicing: BMW

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 64.85, **Rotation** CR




111902 Alternator

Replacing: 0123510022; -50; -68; -79; -81; 0091546002; 0101540202; 0101543202; 0101548102; 0111540702; 00a90302

Servicing: VW; Mercedes-Benz

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 83.00, **Rotation** CR




111903 Alternator

Replacing: 0123335008; 0091542902; 00a903025; 11.203.006; aak5307; A0091542902

Servicing: VW; Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 84.00, **Rotation** CR, **Terminal** W




111977 Alternator

Replacing: 0123310027; 7387707; 95VW10300aa; -b; -c; r95VW10300ac

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 28.00, **Rotation** CR




111978 Alternator

Replacing: 0120484021; 6033gb2009; 12270187; -612; 0120484015; g198902011010; 11.203.333; akk4322

Servicing: Claas; Fendt

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 27, **Width of holder arm** 56.00, **Fan** EF, **Pulley** w/o, **Terminal** W



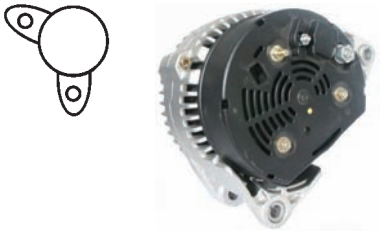

111980 Alternator

Replacing: 0123310033; -51; 23100-7f000; -1

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

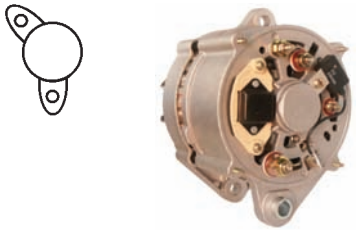


111986 Alternator

Replacing: 0123500008; 6204024; 90506202; 90512217

Servicing: Opel; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 33.30, **Mount. bracket dist.** 56.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 51.00, **Rotation** CR

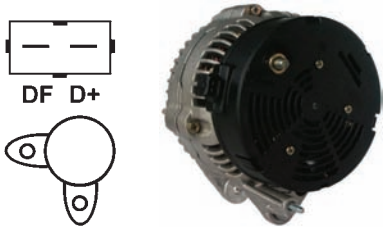


111987 Alternator

Replacing: 0120469010; -22; -23; -26; -110; -113; -679; -978; -999; 6333g3013b; 0120469027; -31; -673; -849; a1

Servicing: Iveco

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 17.00, **Mount. bracket dist.** 63.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 65.20, **Rotation** CR, **Terminal** W

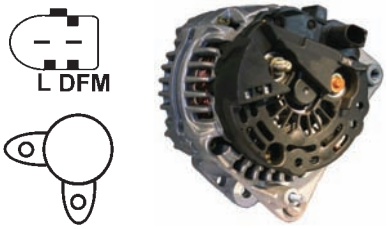


111988 Alternator

Replacing: 0123505011; 0123510027; 0123515014; -8; 1018818; 1031898; 95VW10300aba; r95VW10300aba; 028903018b; -

Servicing: VW; Ford; Seat; Volvo

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 47, **Width of holder arm** 13.90, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

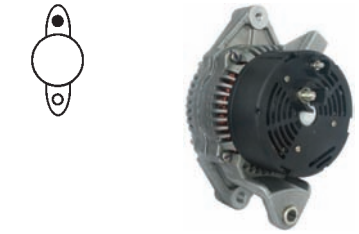


111989 Alternator

Replacing: 0124325003; 9517213; 2542241; sg9b013; 028903028d; 030903023j; 11.203.313; aak5544; SG9B088; -49; -5

Servicing: VW; Audi; Skoda; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

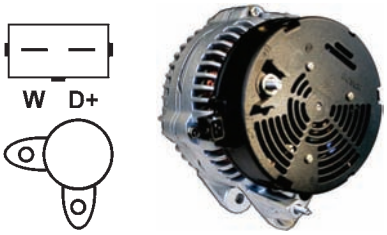


111990 Alternator

Replacing: 0124225002; -24; 1204123; 6204076; 90561970; 9192823; 2542543; 24463063; SG7S021; 35215230; 9129823;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 33.50, **Mount. bracket dist.** 55.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 55.00, **Rotation** CR

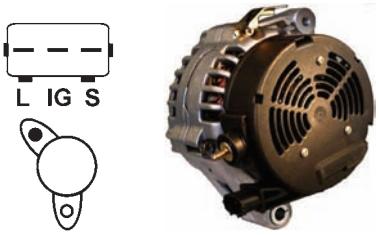


111991 Alternator

Replacing: 0120465021; 0123505010; 0123510005; 021903025b

Servicing: VW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 42.50, **Rotation** CR, **Terminal** W

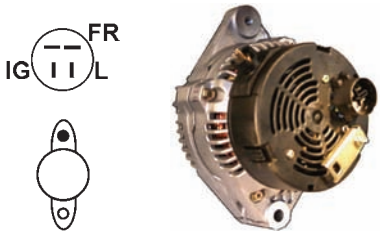


111992 Alternator

Replacing: 0123325008; 27060-0b010

Servicing: Toyota

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 41, **Width of holder arm** 52.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 92.00, **Rotation** CR

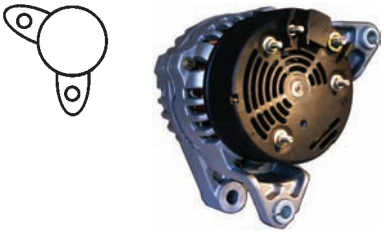


111993 Alternator

Replacing: 0123315007; -20; 31100-p1k-e03; -5

Servicing: Honda; Nissan

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** ACR



111997 Alternator

Replacing: 0123110006; 6204023; 90512216

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 33.40, **Mount. bracket dist.** 56.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 51.00, **Rotation** CR

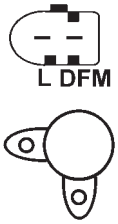



111998 Alternator

Replacing: 0123510043; 6204025; 90512219

Servicing: Opel; Vauxhall

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 6, **Width of holder arm** 33.30, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.50, **Rotation** CR





112002 Alternator

Replacing: 0124515010; 1100712; 98VW10300ea; ym2110300aa; lr1120-701; 2542237; -461; sg12b015; -42; 028903028e;

Servicing: Audi; VW; Ford; Seat; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **Width of holder arm** 14.50, **Mount. bracket dist.** 61.80, **Fan** IF, **Pulley** w/o, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W

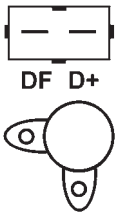



112038 Alternator

Replacing: 120468066

Servicing: Timberjack

V. 24, **Amp.** 100, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Terminal** W



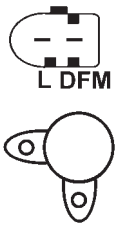


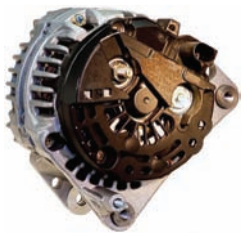
112042 Alternator

Replacing: 0123325006; 028903028p

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 13.80, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 42.50, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.





112043 Alternator

Replacing: 0124325004; 9517219; 074903025k; 11.203.223; aak5518

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.




112045 Alternator

Replacing: 0123515008; 028903028f

Servicing: Audi; VW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.60, **Mount. bracket dist.** 61.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 30.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.




112046 Alternator

Replacing: 0120484001; al3846201; 1177063; 1178607; 1177063; 1178607; 20130137

Servicing: Iveco; Deutz-Fahr

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 56.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




112050 Alternator

Replacing: 0120488000; -1; -8; -9; -12

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W

w/ Vacuum Pump Cargo 111164




112056 Alternator

Replacing: 0120488168; -9; -86; -87; -202; -204; 244; 3472144; -641; 3493244; -641; -741; -791; 641; -741; -791

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112062 Alternator

Replacing: 0123512500; al114093; 11.203.204; aan5156; AL111676

Servicing: John Deere

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 56.00, **Fan** IF, **Pulley** w/o, **Rotation** CR




112072 Alternator

Replacing: 0124515019; -54; 102211-0500; 8601699; 9459077; -92; 9472908; 8601841

Servicing: Volvo

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 37, **Width of holder arm** 20.20, **Mount. bracket dist.** 109.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 45.00, **Rotation** ACR





112073 Alternator

Replacing: 0124325006; 31100-pda-e01

Servicing: Honda; Chrysler

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 56.65, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 90.80, **Rotation** CR






112075 Alternator

Replacing: 0124315003; 443113517103; 9517103; 028903028c; 037903025e; 11.203.310; aak5541; 0124315004

Servicing: VW; Audi; Skoda; Seat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR




112076 Alternator

Replacing: 0120468065; -94; -116; -124; -129; -130; 98424452; -3; -739; -748; 98449163; 0120468139; -999; 77003

Servicing: Iveco; Renault V.i.; Scania; Citroen

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 27.00, **Mount. bracket dist.** 72.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.50, **Rotation** CR, **Terminal** W




112077 Alternator

Replacing: 0124225009; -25; 1204137; 90589566; 9117933; 9192826; 9133602

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 33.60, **Mount. bracket dist.** 55.70, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.90, **Rotation** CR

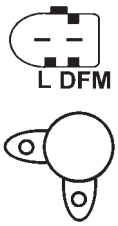



112078 Alternator

Replacing: 0124515017; -8; 8111001; 8602277; 9442841; 9459038; 63304078

Servicing: Volvo; Citroen

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 30, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 44.50, **Rotation** ACR



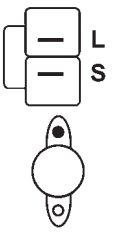


112079 Alternator

Replacing: 0124325001; -12; 98VW10300ca; 038903023l; 98vn10300ca; 9517413; 1100711; 9517483; 11.203.312; aak554

Servicing: VW; Ford; Audi; Seat; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.90, **Fan** IF, **Pulley** w/o, **Rotation** CR





112086 Alternator

Replacing: 9120334631; -2; 23100-0f000; 20110256

Servicing: Nissan; Ford; Audi

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 43, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR




112087 Alternator

Replacing: 9120144605; -6; -10; -11; -15; -16; 9120334627; -8; -36; 23100-d9701; -4; -11; -12; 63304807; 201301

Servicing: Nissan

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR




112097 Alternator

Replacing: 0120488252; -3; 0120489410; -2; -612; -638; -639; -792; -793; -794; -795; -796; 2998230; 19025044; -

Servicing: Iveco; Allis Chalmers; Astra; Fahr; Laverda

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W




112098 Alternator

Replacing: 0120400600; -1; -3; -6; -7; -11; -37; -75; -736; 0120488138; 0120489711; 11.201.219; -444; -499; aak

Servicing: Mercedes-Benz; Iveco; Case; Claas; Eicher; Zetor; Lamborghini; Nsu

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR, **Terminal** W





112143 Alternator

Replacing: 1097304; 98ab10300dc; -d; -e; -f; 63321678; 63341678; 98AB10300DB; -G; -H; -J; 9124476603

Servicing: Ford; Lister

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.80, **Mount. bracket dist.** 62.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR



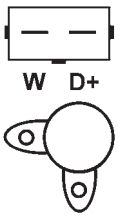


112144 Alternator

Replacing: 0124325024; -31; 0124415007; -13; -14; 7700101274; 7700421477; 7700427932; 7700429310; 7700434899; -

Servicing: Renault; Nissan; Dacia

V. 12, **Amp.** 98, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 80.00, **Mount. bracket dist.** 40.50, **Fan** IF, **Pulley** w/o, **Rotation** CR





112148 Alternator

Replacing: 0123310040; 9517169; 028903026e

Servicing: VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR




112149 Alternator

Replacing: 0120489185; -362; -363; -365; -369; -370; -436; -437; -499; 9127041200; -1; 2541434; 2940304; -5; -7

Servicing: Audi; VW; Seat

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 109.80, **Rotation** CR, **Terminal** W




112159 Alternator

Replacing: 0120468107; -13; -18; -37; 6033gb3054; b120500755; 1298995; 0071549202; -902; 5010217961; 0120468117

Servicing: Mercedes-Benz; Man; Daf; Renault V.i.

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 80.40, **Fan** EF, **Pulley** Double Pulley, **Rotation** CR, **Terminal** W




112170 Alternator

Replacing: 0120488206; 11.201.759; aak1387; PO9415420; 3920678; 0120489481; at161324; ty6774; 11.201.941; aak33

Servicing: Case; Komatsu

V. 24, **Amp.** 50, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 78.50, **Rotation** CR, **Terminal** W

Dust Proof.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112189 Alternator

Replacing: 0120468140; 5010306007; 860561; 5010306801; 0120468154

Servicing: Renault V.i.

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 27.00, **Mount. bracket dist.** 76.25, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W

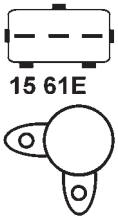



112190 Alternator

Replacing: 0124325058; 0124415011; 46532668; 46813061

Servicing: Fiat; Lancia

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 25.00, **Mount. bracket dist.** 70.65, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 58.35, **Rotation** CR





112193 Alternator

Replacing: 12311432986; -7; 12311740629; 12317501595; -7; -9; -690; -755; 0123515004; -22; 0124515050; 2541963;

Servicing: BMW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 28.00, **Mount. bracket dist.** 77.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 69.00, **Rotation** CR




112194 Alternator

Replacing: 0120465003; -15; 0123500001; 0123510002; -23; 0123540002; 0123545004; 0091543602; -702; 0091548802;

Servicing: Mercedes-Benz; Ssangyong; Dodge

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.20, **Rotation** CR, **Terminal** W




112195 Alternator

Replacing: 0123510037; 4727206

Servicing: Chrysler; Dodge

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 4, **Width of holder arm** 14.10, **Mount. bracket dist.** 60.60, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 27.00, **Rotation** CR




112196 Alternator

Replacing: 0123510060; -74; -75; 0101541502; -602; 11.203.119; aan5136; A0101541502; -602

Servicing: Fendt

V. 12, **Amp.** 143, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** IF, **Pulley** w/o, **Rotation** CR




112197 Alternator

Replacing: 0123510082; -107; -108; 0101545902; 0101549602; 0111540902; 0111547802; A0101545902; A0101549602; A0

Servicing: Mercedes-Benz

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 69.80, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 31.00, **Rotation** CR



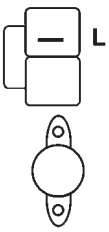


112198 Alternator

Replacing: 0124415006; 1073771; 1085875; 98bb10300bc; -d; -e

Servicing: Ford

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 14.00, **Mount. bracket dist.** 62.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



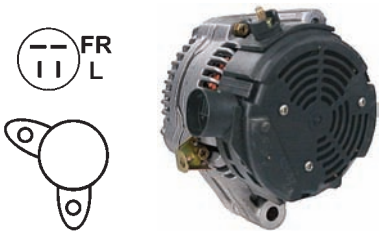


112207 Alternator

Replacing: 9120334635; 23100-g9904; 20130161

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M5, **B+ position in min** 19, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.75, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.85, **Rotation** CR

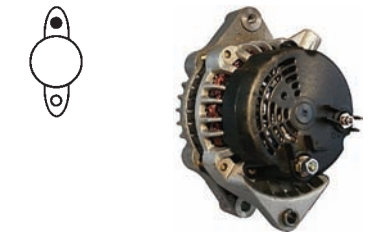


112209 Alternator

Replacing: 0123115009; -14; 31100-p45-g04

Servicing: Rover; Honda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 56.75, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** ACR

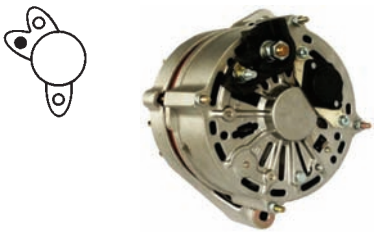


112229 Alternator

Replacing: 0123120001; 0124225028; 456; 10479947; 3493847; -8; 847; -8; -947; 1204108; -21; 6204003; -8; 904437

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 34.00, **Mount. bracket dist.** 59.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.50, **Rotation** CR

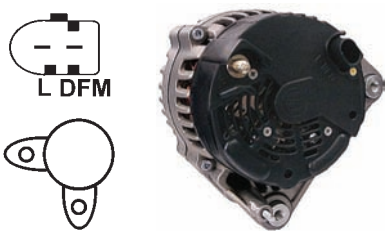


112234 Alternator

Replacing: 0120469674; -5; -706; -707; -740; -741; -904; -976; -977; -991; 9516381; 028903023d; 068903029c; -e;

Servicing: VW; Seat

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 81.30, **Rotation** CR, **Terminal** W

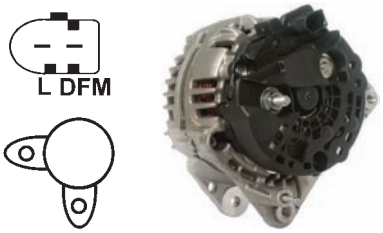


112273 Alternator

Replacing: 0124315008; 037903025j; -Q; 2542258; sg8b016

Servicing: Seat; VW; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR

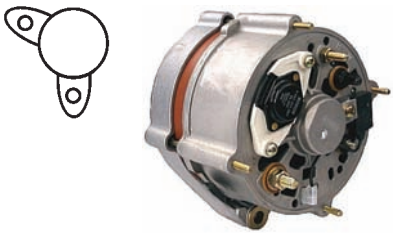


112274 Alternator

Replacing: 0124325013; -32; 9517212; a13vi223; 037903025m; 038903018a; 047903015h; 11.203.314; aak5545; sg9b024

Servicing: Seat; VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR

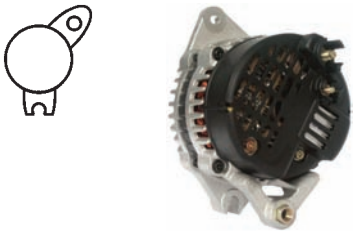


112288 Alternator

Replacing: 0120450010; -5; 0120469579; -80; -752; -753; b120421831; -92; 0051548102; 0061543902; 0061544002; A0

Servicing: Mercedes-Benz; Steyr

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W

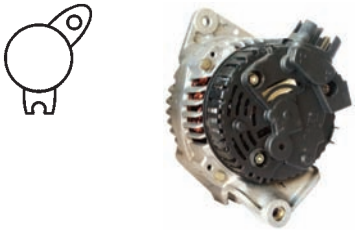


112292 Alternator

Replacing: 0120335012; 95667747; 9612259680; 9613496680; 2541459; -710; -735; a11vi25; -40; -51; -72

Servicing: Citroen; Peugeot; Fiat; Suzuki

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.20, **Mount. bracket dist.** 69.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR

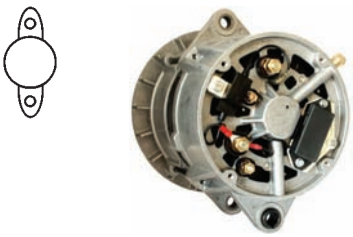


112298 Alternator

Replacing: 9607641280; 9611366880; 9611369580; 9612257180; 11.201.094; a2t37691; a2t37691a; a2ta0291; a2ta0291b

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 26.10, **Mount. bracket dist.** 66.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR



112302 Alternator

Replacing: 0120689516; -24; -38; -39; -50; ia9435; 11.209.448; aat1385

Servicing: VW; Iveco

V. 24, **Amp.** 120, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 16.00, **Mount. bracket dist.** 86.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 72.15, **Rotation** CR

B- M8

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112310 Alternator

Replacing: 0120489533; 11.201.146; -230; aak1193; -51

Servicing: BMW; Volvo Bm

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 74.00, **Rotation** CR



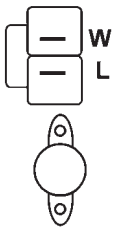


112325 Alternator

Replacing: 1053656; 1074633; 91ff10300ja; -b; 95ff10300aa; -b; -c; r95ff10300ac; a2t14592; a2ta2292; 63321257;

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 14.20, **Mount. bracket dist.** 82.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W



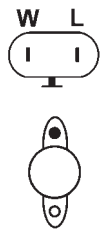


112329 Alternator

Replacing: 9120334625; -6; 23100-g9903

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.20, **Mount. bracket dist.** 80.40, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W





112330 Alternator

Replacing: 6033gb4021; 9120334633; -4; -8; 23100-69t02; -3; -4; -5; -15; 113449

Servicing: Nissan

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.30, **Mount. bracket dist.** 80.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W




112343 Alternator

Replacing: 0120689511; -43; -48; -52; -66; 11.201.902; aat1310; 571520; 1244090; 1254010; 666754; 1179882; 4252

Servicing: Renault V.i.

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.75, **Mount. bracket dist.** 182.00, **Fan** EF, **Pulley** Double Pulley, **Terminal** W

B- M8




112345 Alternator

Replacing: 0120469014; -798; 1089861; 5003349; -448; 6779261; 8113911; 858884; ia9421; 11.209.436; aan3116

Servicing: Volvo

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 51.50, **Fan** w/o, **Pulley** w/o, **Terminal** W





112396 Alternator

Replacing: 0124325018; -49; 2542239; -507; sg9b017; -42; 028903029a; -d; -s; -t

Servicing: Audi; VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.85, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.45, **Rotation** CR





112397 Alternator

Replacing: 0124515026; -83; 2542234; -508; sg12b012; -49; 028903029b; -e; 028903031; 028903031a

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.85, **Rotation** CR





112398 Alternator

Replacing: 0124315010; 2542238; sg8b010; 06b903016; 06b903016c

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR



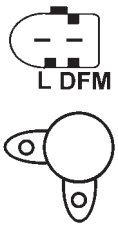


112399 Alternator

Replacing: 0124325017; -20; 2542225; sg9b010; 06b903016a; -d; 071903016c; sg9b011; 0124325019; sg9b027; 0124325

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.65, **Rotation** CR



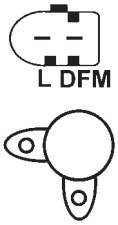


112401 Alternator

Replacing: 0124325014; 038903025a

Servicing: Seat; VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 30.00, **Rotation** CR





112402 Alternator

Replacing: 0124515035; -57; 038903018b; 074903025n

Servicing: VW; Skoda; Audi

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.50, **Mount. bracket dist.** 61.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W

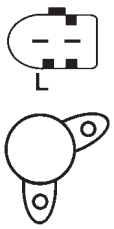



112406 Alternator

Replacing: 0123315500; 99451752; 99473468; 0123315503

Servicing: Iveco

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.30, **Rotation** CR





112407 Alternator

Replacing: 0124320001; 500317453

Servicing: Iveco

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR




112408 Alternator

Replacing: 0124325015; 037903025h; 038903018c

Servicing: Seat; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.00, **Rotation** CR

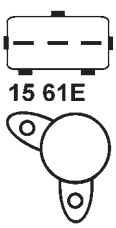



112409 Alternator

Replacing: 0124415001; -23; 3493226; 10480423; 1204155; 6204097; 90589722; 9195752

Servicing: Porsche; Opel; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 33.40, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 54.50, **Rotation** CR





112413 Alternator

Replacing: 12311435423; -5; -6; -7; -9; 0123315022; 0123325011; 2541961; a13vi190; 2542515

Servicing: BMW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 35, **Width of holder arm** 20.00, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





112414 Alternator

Replacing: 0124225010; -1; yle102420; -30
Servicing: Mg; Rover
V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** CR




112415 Alternator

Replacing: 0124515005; -80; 6204105; 90561169; 9200959
Servicing: Opel; Vauxhall
V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 33.40, **Mount. bracket dist.** 57.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 51.00, **Rotation** CR




112416 Alternator

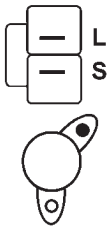
Replacing: 0124415002; 10480225; 6204098; 90561971; 9195753; 9201489; 0986042741; ia9426; 11.209.441; aak5723;
Servicing: Opel; Vauxhall
V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 33.50, **Mount. bracket dist.** 57.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 53.35, **Rotation** CR





112417 Alternator

Replacing: 0124515032; 6204084; 90131133
Servicing: Opel; Vauxhall
V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 34.00, **Mount. bracket dist.** 59.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR





112418 Alternator

Replacing: 0124325008; md257744; md357744
Servicing: Mitsubishi
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 12.90, **Mount. bracket dist.** 66.40, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR





112419 Alternator

Replacing: 0124315014; 9517241; 047903015q; 047903017
Servicing: Seat; Skoda
V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 14.00, **Mount. bracket dist.** 81.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR




112420 Alternator

Replacing: 0123510109; 38522303
Servicing: Chrysler
V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 14.25, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 30.30, **Rotation** CR




112424 Alternator

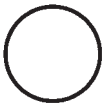
Replacing: 0120689562; 571497; 11.203.237; aat1335
Servicing: Scania
V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.50, **Mount. bracket dist.** 182.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR
B- M8




112425 Alternator

Replacing: 0123520023; 0124615019; 0111547002; 0121544602; A0111547002; A0121544602
Servicing: Mercedes-Benz
V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 16, **Width of holder arm** 70.00, **Mount. bracket dist.** 65.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 86.00, **Rotation** CR






112426 Alternator

Replacing: 12311705483; 0122468015; 01220AA1H0; -j0

Servicing: BMW; Land Rover

V. 12, **Amp.** 150, **B+ / position** M8, **Fan** w/o, **Grooves in pulley** 6, **Pulley** Serpentine Pulley
Water-cooled






112427 Alternator

Replacing: 0123525502; 500315943; 0123525500; 2995980; 504028095; a4ta0592; 0123520500; 0123525503; ia9439; 11.

Servicing: Iveco

V. 24, **Amp.** 90, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 57.60, **Fan** IF, **Grooves in pulley** 12, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR






112428 Alternator

Replacing: 01220aa0b0; -r0; -1a0; 0001500550; -650; 0001502050; A0001500650; -550; A0001502050; 01220aa2a0; -00

Servicing: Mercedes-Benz

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 90.15, **Mount. bracket dist.** 146.00, **Fan** w/o, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 63.75, **Rotation** CR
Water-cooled




112450 Alternator

Replacing: 0123320023; 0123345004; 60611990

Servicing: Alfa Romeo

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 82.50, **Rotation** CR




112451 Alternator

Replacing: 0120465009; -10; -26; -28; 0123510029; -30; -99; 028903023f; 071903023a

Servicing: Alfa Romeo; VW; Lancia; Fiat; Renault

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 46, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.80, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 26.50, **Rotation** CR




112453 Alternator

Replacing: 0120469646; -7; -66; -710; ia9433; 11.209.446; aan3121; 0120469860/875

Servicing: Iveco; Lancia; Fiat; Alfa Romeo

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 32, **Width of holder arm** 16.90, **Mount. bracket dist.** 63.00, **Fan** EF, **Pulley** w/o, **Rotation** CR




112456 Alternator

Replacing: 0120485025; 0123310026; 60567586

Servicing: Alfa Romeo

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 81.50, **Rotation** CR




112460 Alternator

Replacing: 0124615002; 9621791480; 9639362380; 9645907680; -880; 71716671; a4tf0091a; -b; 9635342080; 2542228;

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.60, **Rotation** CR




112461 Alternator

Replacing: 9636254180; 9640878780; 9641302580; 2541251; 2542351; -500; -564; a14vi35; -41; sg15s018; 9645907580

Servicing: Peugeot; Citroen; Suzuki; Fiat; Lancia; Alfa Romeo

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** Single, **Width of holder arm** 22.30, **Mount. bracket dist.** 45.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 42.00, **Rotation** CR

Abbrevations, see first pages.
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112493 Alternator

Replacing: 0120468054; 3923624; 0120468147; 860568

Servicing: Case

V. 24, **Amp.** 65, **B+ / position** M12, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 100.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




112529 Alternator

Replacing: 0123320045; -61; 0123335003; 0091543002; 0091545802; 0101544702; 0101545402; 0111540402; 2541775; -9

Servicing: Mercedes-Benz; Ssangyong; John Deere

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W




112530 Alternator

Replacing: 0123510012; -39; -51; -66; -67; 0091544302; 0091549302; 0101544002; 0101545102; -202; 11.203.114; aa

Servicing: Mercedes-Benz; Ssangyong; Daewoo

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.50, **Rotation** CR




112532 Alternator

Replacing: 60613073; 0123310004; -28; 60588395; 11.203.010; aak5311

Servicing: Alfa Romeo

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 56.25, **Fan** w/o, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 81.00, **Rotation** CR, **Terminal** W





112535 Alternator

Replacing: 0124515045; 0111549302; 11.203.290; aan5179; A0111549302

Servicing: Mercedes-Benz

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.95, **Rotation** CR




112538 Alternator

Replacing: 12311704082; 12311747204; 0123214002

Servicing: BMW

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 65.00, **Rotation** CR

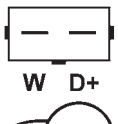



112539 Alternator

Replacing: 0120465016; -7; 0123510040; -59; 0081548302; 0091541902; 0101540602; 0101541202; 11.203.113; aan5130

Servicing: Mercedes-Benz

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 84.00, **Rotation** CR, **Terminal** W



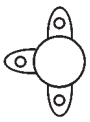


112543 Alternator

Replacing: 0123320032; 98VW10300ba; 038903023h; 0123320031

Servicing: Audi; VW; Skoda; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 62.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 40.00, **Rotation** CR, **Terminal** W

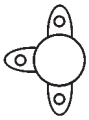



112554 Alternator

Replacing: 0123500006; 9162423; 9447864

Servicing: Volvo

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 21.00, **Mount. bracket dist.** 55.85, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 53.00, **Rotation** CR




112557 Alternator

Replacing: 0120465012; 0123213006; 0123500004; 0123505014; 0123545001; -3; b120510078; -9; 101211-5570; -1; 770

Servicing: Volvo; Renault

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 21.00, **Mount. bracket dist.** 55.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.80, **Rotation** CR




112558 Alternator

Replacing: 0123505004; 0123510003; -20; -52; -62; -64; b120510214; 6204004; -5; 90413763; 90444195; 90540209; 9

Servicing: Opel; Saab; Vauxhall

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 33.00, **Mount. bracket dist.** 58.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 51.00, **Rotation** CR




112561 Alternator

Replacing: 0120469115; -6; 6033gb3019; -22; -27; 0091549702; -802; 0101549002; -102; 0120469117; A0091549702; -

Servicing: Mercedes-Benz

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 80.00, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 111.00, **Rotation** CR, **Terminal** W




112680 Alternator

Replacing: 0123310029; -53; b120411528; 5030656; 7355509; 95ab10300db; -c; r95ab10300db; 20110223

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 44, **Width of holder arm** 14.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR, **Terminal** W

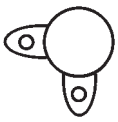



112683 Alternator

Replacing: 12311734322; 0120489084; a14v13; 2521682; 2541682

Servicing: BMW

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 16.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 72.40, **Rotation** CR




112687 Alternator

Replacing: 12311730580; 12311735743; -92; 12311744560; -2; 0120469967; 0120485048; 2541494; a13vi54; 1231173060

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Mount. bracket dist.** 76.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 69.00, **Rotation** CR




112689 Alternator

Replacing: 0123100002; 6204088; 90389246; 90511445

Servicing: Opel; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 34.00, **Mount. bracket dist.** 59.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 53.00, **Rotation** CR




112690 Alternator

Replacing: 0120488248; -9; 27060-04010

Servicing: VW; Toyota

V. 12, **Amp.** 45, **B+ / position** M8, **B+ position in min** 56, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 81.00, **Rotation** CR



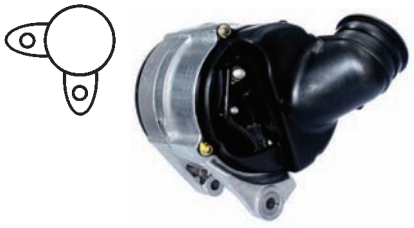

112691 Alternator

Replacing: 0123320014; 7081782; 95gb10300da; -eb; -ka

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.40, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

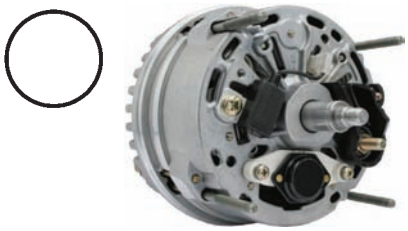


112692 Alternator

Replacing: 12311726897; 12311730725; -53; 12311735403; 12311738511; -2; 0120469006; -7; -984; -985; a14v18; 254

Servicing: BMW

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Mount. bracket dist.** 76.45, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 68.00, **Rotation** CR

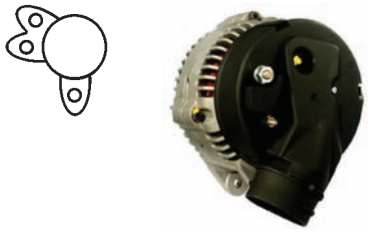


112693 Alternator

Replacing: 0120468029; -101; -125

Servicing: Porsche

V. 12, **Amp.** 115, **B+ / position** M8, **Fan** IF, **Pulley** w/o

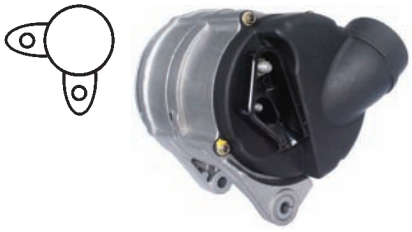


112694 Alternator

Replacing: 0123510031; 7387709; 95VW10300ea; -b; -c

Servicing: Ford

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 28.50, **Rotation** CR

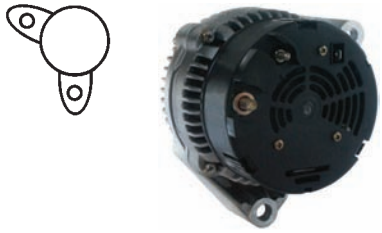


112699 Alternator

Replacing: 12311738091; 0120468105

Servicing: BMW

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 28.10, **Mount. bracket dist.** 76.30, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 70.00, **Rotation** CR

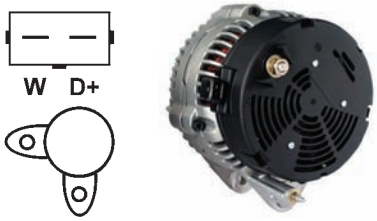


112708 Alternator

Replacing: 0123320057; 0123325007; 0123335005; 8548943; 8548438; 0123335004; 0123310041; 11.203.011; aak5312

Servicing: Saab

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 119.25, **Rotation** CR, **Terminal** W

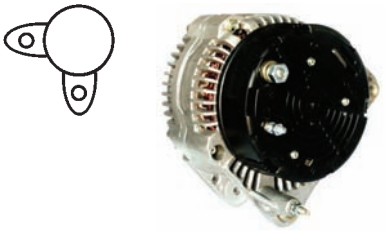


112709 Alternator

Replacing: 0123510007; -53; 7361230; 95VW10300ka; -b; r95VW10300kb; 021903025g

Servicing: VW; Ford

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W

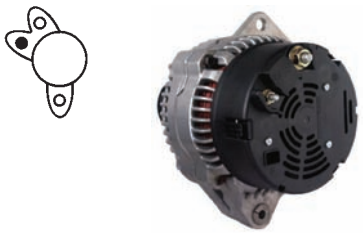


112710 Alternator

Replacing: 0123320033; 028903028l; 028911028l

Servicing: VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.10, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W

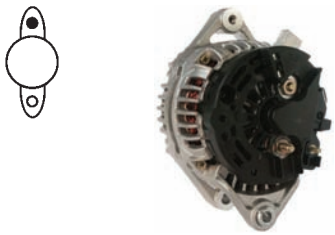


112712 Alternator

Replacing: 0120485041; 0123335001; 050903015b

Servicing: Audi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 59, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 104.65, **Rotation** CR



112720 Alternator

Replacing: 0124415010; 273; 3493273; 6204074; 9132653; 1204054; 9119309; IA9424; 11.209.439; aak5722

Servicing: Opel; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 33.40, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 54.00, **Rotation** CR

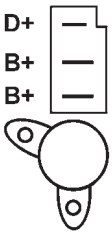



112723 Alternator

Replacing: 6204012; -66; 90460576; 90508842; 90509838; 90543012; 0123500007

Servicing: Opel; Vauxhall; Cadillac

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 27, **Width of holder arm** 33.30, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.50, **Rotation** CR





112724 Alternator

Replacing: 0120489025; -6; -78; -79; -184; -897; -898; -928; -930; 0051549502; 0061540502; -602; 0061542002; 00

Servicing: Mercedes-Benz

V. 12, **Amp.** 70, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.00, **Rotation** CR

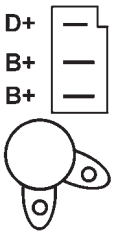



112725 Alternator

Replacing: 0120469655; -6; -781; 85gx10300ga

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 13.80, **Mount. bracket dist.** 82.30, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 33.50, **Rotation** CR, **Terminal** W



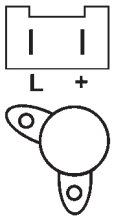


112727 Alternator

Replacing: 9120144279; -80; 63321059; a13e19; 2518017; 2541187; -254

Servicing: Seat

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 39.70, **Mount. bracket dist.** 40.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.00, **Rotation** CR





112728 Alternator

Replacing: 9120144267; -8; -78; 516058; 63321057; -81; -178; a13n104; 7700762458; 2541465

Servicing: Renault

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 91.00, **Rotation** CR




112729 Alternator

Replacing: 0120469601; -2; -3; -4; -734; -735; -736; -737; -738; -739; -768; -863; 035903017a; 068903017p; -8b;

Servicing: VW; Audi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 56, **Width of holder arm** 55.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.00, **Rotation** CR, **Terminal** W




112730 Alternator

Replacing: 0120469659; -559; -566; -60; -713; -754; -899

Servicing: Ford; Porsche

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 35.75, **Rotation** CR, **Terminal** W

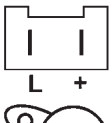



112732 Alternator

Replacing: 0120488268; 0120489885; -6; 51.26101-7138; -200

Servicing: Man

V. 24, **Amp.** 27, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 113.85, **Rotation** CR, **Terminal** W





112733 Alternator

Replacing: 9120144256; -8; 451078; 516009; -30; -42; -45; 9ar5042; a14n121; a14n51; -6; 7700612755; 7700670878;

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 103.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112734 Alternator

Replacing: 0120469744; -5; -6; -811; -896; -897; 0071546702; -802; A0071546702; -802; 0120469812; -94; -928; -9

Servicing: Mercedes-Benz

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.50, **Rotation** CR




112735 Alternator

Replacing: 0120489367; -8; -444; 9120690291; -8; 2940310; -73; 068903017s; -29r; -31j; 076903023n; bca903015; 0

Servicing: Audi; VW

V. 12, **Amp.** 45, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 109.50, **Rotation** CR, **Terminal** W

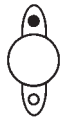



112736 Alternator

Replacing: 0120489756; 1172857; 11.201.570; AAK1378; 9515230

Servicing: Iveco; Deutz-Fahr

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 56.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.50, **Rotation** CR, **Terminal** W




112740 Alternator

Replacing: 12311706056; 12311711203; 12311730257; 0120469757; -9; a14v05; 2541305; 0120469758

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 15.00, **Mount. bracket dist.** 100.50, **Fan** EF, **Grooves in pulley** 2, **Insulator** D, **Pulley** Double Pulley, **Pulley distance** 63.50, **Rotation** CR/ACR




112741 Alternator

Replacing: 0120488241; 0120489446; -7; 031903017c; -23b; -23c

Servicing: VW

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Terminal** W

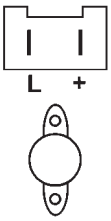



112742 Alternator

Replacing: 0120469507; -22; 1509425; 1578139; -938; 5001782; -835; 6779713; 8113910; 0120469749; 5003261

Servicing: Volvo; Valmet; Volvo Bm

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 51.00, **Fan** w/o, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 72.50, **Rotation** CR, **Terminal** W



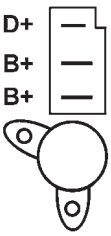


112744 Alternator

Replacing: 9120144295; -6; 516038; a13n120; a13n89; 7700721797; -977; 7700729300; 7700730363; 7700751337; 77014

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.00, **Rotation** CR





112745 Alternator

Replacing: 0120489479; -80; 61920210

Servicing: Alfa Romeo; Lombardini

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR




112746 Alternator

Replacing: 0120469784; -5; -6; -7; 100211-8370; 1398327; 5003804

Servicing: Volvo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 71.15, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 93.00, **Rotation** CR




112747 Alternator

Replacing: 0120469008; -30; -102; -519; -520; -521; -585; 11.201.903; 049903015h; aak3318; 01180302; 1702121; 4

Servicing: Iveco; Ford; Renault; Deutz-Fahr; Khd

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 38, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 78.70, **Rotation** CR, **Terminal** W




112748 Alternator

Replacing: 12311713449; -50; 12311726602; -3; 0120469777; -9; a14v01; 2541114; 0120469778

Servicing: BMW; Piaggio

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.00, **Rotation** CR




112750 Alternator

Replacing: 0120469822; -3; -32; -39; -88; -89; 034903015t; -6a; -6d; -6g; 054903015; 074903023h; 0120469953; 01

Servicing: Audi; VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 14.00, **Mount. bracket dist.** 85.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 31.50, **Rotation** CR

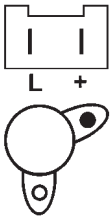



112753 Alternator

Replacing: 0120489295; -7; 1348508; 5003508; -806; a11vi53

Servicing: Volvo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 71.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 93.83, **Rotation** CR





112756 Alternator

Replacing: 9120144302; -3; a13n157; 7701499436; 2541117; -257; 5002633

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 55.00, **Rotation** CR




112757 Alternator

Replacing: 0120469920; 1105367; 571516; ia9420; 11.209.435; aan3115

Servicing: Volvo; Scania

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 27.50, **Mount. bracket dist.** 68.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W






112759 Alternator

Replacing: 0120469870; -1; -4; 89bx10300kc; -nc

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.40, **Rotation** CR, **Terminal** W

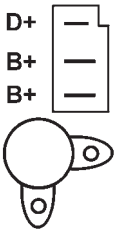



112760 Alternator

Replacing: 0120469644; -5; -84; -85; 8545725; 9506353; 9526005; 9529033

Servicing: Saab

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.10, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 78.00, **Rotation** CR





112761 Alternator

Replacing: 9120144287; -8; 63321105

Servicing: Seat

V. 12, **Amp.** 65, **Width of holder arm** 41.00, **Mount. bracket dist.** 41.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.00, **Rotation** CR

Abbrevations, see first pages.
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112763 Alternator

Replacing: 0120488197; -236; -239; -265; 0120489382; -3; 2541221; -439; -645; 036903017h; 036903025; 036903025b

Servicing: VW; Seat

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 14, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.50, **Rotation** CR




112764 Alternator

Replacing: 12311721667; 0120469878; -9; a14v04; 2541115

Servicing: BMW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 15.80, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 60.80, **Rotation** CR




112765 Alternator

Replacing: 0120469021; -722; -723; b120500330; -1; 068903017q; -29k; 074903025a

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 55.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.95, **Rotation** CR, **Terminal** W




112768 Alternator

Replacing: 0120488194; -5; 11.201.304; aak4138; -518; 63320037; 0120489019; -402; -457; 11.201.071; 30680316; 6

Servicing: Alfa Romeo; Goldoni

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W




112771 Alternator

Replacing: 0120469858; -9; -939; md011500

Servicing: Alfa Romeo; Fiat; Lancia

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 14.30, **Mount. bracket dist.** 85.90, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR




112773 Alternator

Replacing: 87774252; 202360T91; 91448C2; 0120468055; 605576460; re36268; ty6773; -95; 125849a1r

Servicing: Case; John Deere; New Holland; Cummins

V. 12, **Amp.** 135, **B+ / position** 7/16" UNC, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 103.50, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W




112774 Alternator

Replacing: 0120468057; -60; 0081544302; 0120468058; -9; A0081544302

Servicing: Mercedes-Benz; BMW

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.00, **Rotation** CR




112775 Alternator

Replacing: 0120488255; 3493706; -17; 706; -17; 1204128; -219; 90442072

Servicing: Opel; Mercedes-Benz; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 90.00, **Rotation** CR




112777 Alternator

Replacing: 0120468017; -9; -70; -123; 046903015d; 054903015l; 0120468044; -108

Servicing: Audi; Lancia; Alfa Romeo

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 14.00, **Mount. bracket dist.** 83.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 31.00, **Rotation** CR




112778 Alternator

Replacing: 120469742
Servicing: Audi; VW
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.30, **Rotation** CR, **Terminal** W




112779 Alternator

Replacing: 0120488137; -269; -270; 0120489226; -7; 51.26101-7159; -84
Servicing: Man
V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 114.00, **Rotation** CR, **Terminal** W




112780 Alternator

Replacing: 0120469028; -847; -848; -940
Servicing: BMW; Fiat; Lancia
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 48.75, **Rotation** CR




112784 Alternator

Replacing: 0120489060; -303; 0120488643
Servicing: Volvo; Volvo Penta
V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 51.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




112785 Alternator

Replacing: 0120469927; -47; 0081542902; 0081544802; A0081542902; A0081544802
Servicing: Mercedes-Benz
V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 55.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.50, **Rotation** CR




112787 Alternator

Replacing: a11vi15; 0120335011; a11vi50
Servicing: Peugeot; Fiat; Citroen
V. 12, **Amp.** 50, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.50, **Rotation** CR




112788 Alternator

Replacing: 0120489465; 1362708; 5003636; 11.201.559; AAK3592
Servicing: Volvo
V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 71.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 109.00, **Rotation** CR, **Terminal** W




112793 Alternator

Replacing: 0123110004; 9612264280; -680; 2541355; -457; -733; -765; a11vi23; -32; -33; -49; -52; -57; -58; 9566
Servicing: Citroen; Peugeot; Fiat; Lancia
V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 72.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




112796 Alternator

Replacing: 120488144
Servicing: VW
V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 95.00, **Rotation** CR

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112797 Alternator

Replacing: 120469864
Servicing: VW
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 93.50, **Rotation** CR




112798 Alternator

Replacing: 0120469011; -02; -2; -971; -972
Servicing: Audi
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 107.00, **Rotation** CR




112799 Alternator

Replacing: 0120468084; -5; 068903031q; 074903025b; 0120468119
Servicing: VW
V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 100.00, **Rotation** CR, **Terminal** W




112801 Alternator

Replacing: 120469017
Servicing: Opel; Vauxhall
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.30, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 36.00, **Rotation** CR




112803 Alternator

Replacing: 0120468037; -114; 860562
Servicing: Volvo
V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 51.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




112804 Alternator

Replacing: 12311735121; -2; -232; -234; 12311738068; 0120469911; -2
Servicing: BMW
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Mount. bracket dist.** 78.30, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 67.75, **Rotation** CR




112806 Alternator

Replacing: 0120465007; -8; -22; -23; 0123510014; -61; 054903015c; -k; 078903015a; 20110372
Servicing: Audi; VW; Vauxhall
V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.10, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 30.00, **Rotation** CR




112810 Alternator

Replacing: 0120488230; -61; -62
Servicing: Volvo
V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 71.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 91.00, **Rotation** CR




112811 Alternator

Replacing: 12311726372; 0120469906; -7
Servicing: BMW
V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Mount. bracket dist.** 76.50, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 68.50, **Rotation** CR




112812 Alternator

Replacing: 12311710562; 12311735703; -5; 0120468013; -4; -98

Servicing: BMW

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 16.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.00, **Rotation** CR




112813 Alternator

Replacing: 0120488130; -229; -231

Servicing: Volvo

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 71.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 93.80, **Rotation** CR




112814 Alternator

Replacing: 0120488259; -60; 3544625; 5003695

Servicing: Volvo

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 71.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.85, **Rotation** CR, **Terminal** W

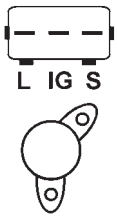



112815 Alternator

Replacing: 0120469993; -2

Servicing: Volvo

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 71.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 93.60, **Rotation** CR, **Terminal** W





112860 Alternator

Replacing: 10463398; 10480095; 321-1018; 27060-02050; 0123325002; -12; -14; 27060-02060; -1; -100; 101211-9280;

Servicing: Toyota; Geo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** Single, **Width of holder arm** 28.00, **Mount. bracket dist.** 42.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR

Replacing: CS121.




112915 Alternator

Replacing: e8df10300ca; e9pf10346da; E8PF10346BA; E8PZ10346B; E9DF10300EA; E9PZ10346E; F0DU10300DA; F0PU10346RA

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 100, **B+ / position** 1/4" UNC, **B+ position in min** 40, **Width of holder arm** 76.20, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 100.50, **Rotation** CR

Replacing: 1G series.




113154 Alternator

Replacing: 0123500002; 0123505017; 4434072; 4734026

Servicing: Saab

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 87.00, **Rotation** CR, **Terminal** W




113186 Alternator

Replacing: 2871C202; 0120469032; 3976608; 8113097

Servicing: Volvo

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 32, **Width of holder arm** 13.80, **Mount. bracket dist.** 83.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

HD type 113650



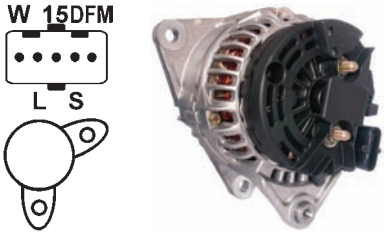

113187 Alternator

Replacing: 120484009

Servicing: Fiat; Lancia; Ferrari; Citroen

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 57, **Width of holder arm** 17.00, **Mount. bracket dist.** 70.10, **Fan** w/o, **Pulley** w/o

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

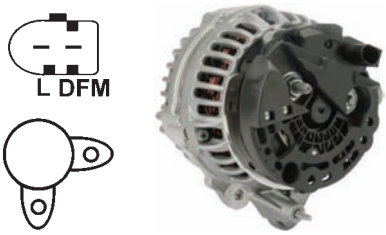


113188 Alternator

Replacing: 124555005

Servicing: Iveco

V. 24, **Amp.** 70, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 14.10, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 36.50, **Rotation** CR, **Terminal** W

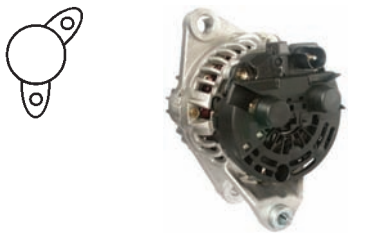


113252 Alternator

Replacing: 2542496; sg14b011; 0124525010; 028903029r; -Q

Servicing: VW; Audi

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 41.10, **Mount. bracket dist.** 60.80, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 32.50, **Rotation** ACR



113263 Alternator

Replacing: 124415012

Servicing: Fiat; Lancia

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 25.10, **Mount. bracket dist.** 70.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 58.25, **Rotation** CR

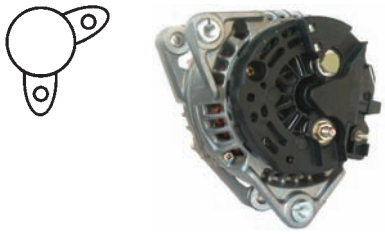


113264 Alternator

Replacing: 0124525012; -22

Servicing: Opel; Vauxhall

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 33.60, **Mount. bracket dist.** 57.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 51.00, **Rotation** CR



113265 Alternator

Replacing: 124515085

Servicing: Opel; Vauxhall

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 33.90, **Mount. bracket dist.** 59.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 51.40, **Rotation** ACR

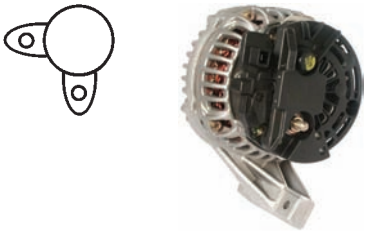


113270 Alternator

Replacing: 124515044

Servicing: Iveco

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 81.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 48.70, **Rotation** ACR

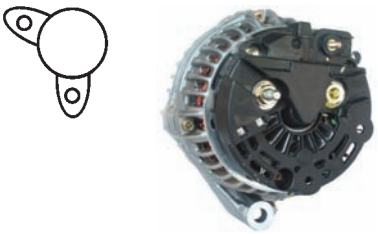


113272 Alternator

Replacing: 0124525001; -14; -29; 8602629; -710; 8676496; -8

Servicing: Volvo

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 38, **Width of holder arm** 20.00, **Mount. bracket dist.** 82.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 44.00, **Rotation** ACR

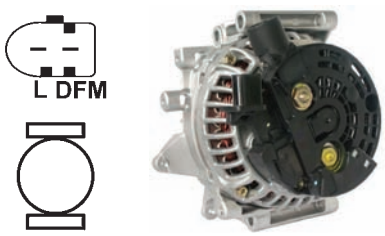


113273 Alternator

Replacing: 124525016

Servicing: Saab

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 118.40, **Rotation** CR

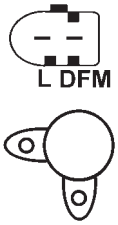


113274 Alternator

Replacing: 124625002

Servicing: Mercedes-Benz

V. 12, **Amp.** 200, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 93.35, **Mount. bracket dist.** 35.35, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 31.00, **Rotation** ACR





113275 Alternator

Replacing: 124515022

Servicing: VW; Audi; Seat; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.25, **Mount. bracket dist.** 61.35, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 38.90, **Rotation** CR



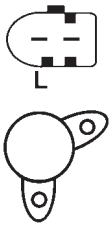


113279 Alternator

Replacing: 124325053

Servicing: Iveco; Fiat

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 13.90, **Mount. bracket dist.** 81.25, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 40.25, **Rotation** CR



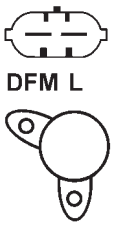


113280 Alternator

Replacing: 0124320002; 0124325052

Servicing: Renault V.i.

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 13.70, **Mount. bracket dist.** 81.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.75, **Rotation** CR, **Terminal** W



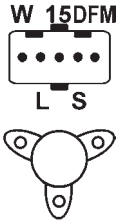


113283 Alternator

Replacing: 0124515034; -24; -27; 2542295; 06b903016f; sg12b018

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 13.90, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.25, **Rotation** CR





113284 Alternator

Replacing: 0124655003; 0124555003; -41

Servicing: Daf

V. 24, **Amp.** 100, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 80.50, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W



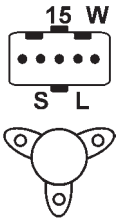


113285 Alternator

Replacing: 0124315019; -27; yc1t10300bc; -d; -e; -g; -h; -j; 0124315100; 4098414;

Servicing: Ford

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 17, **Width of holder arm** 55.25, **Mount. bracket dist.** 74.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 38.60, **Rotation** CR





113289 Alternator

Replacing: 123525501

Servicing: Man; Neoplan

V. 24, **Amp.** 90, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 80.20, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W

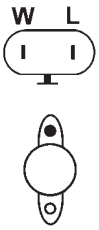



113290 Alternator

Replacing: 120484024

Servicing: Fendt

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 80.20, **Fan** w/o, **Pulley** w/o, **Terminal** W





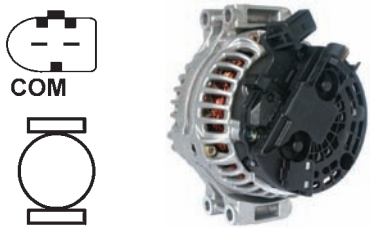
113291 Alternator

Replacing: 9120334641; 6033gb4009

Servicing: Nissan

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.40, **Mount. bracket dist.** 80.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 39.30, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

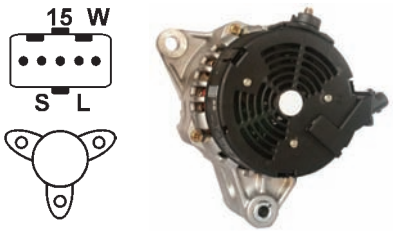


113294 Alternator

Replacing: 124515098

Servicing: BMW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 62.70, **Mount. bracket dist.** 40.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 29.00, **Rotation** CR

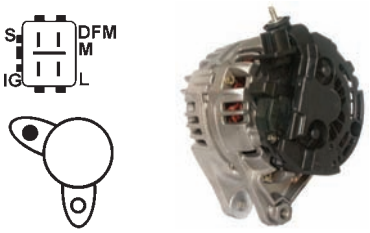


113295 Alternator

Replacing: 123325500

Servicing: Man

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 80.25, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W

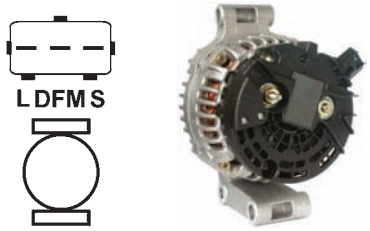


113296 Alternator

Replacing: f1vu11000aa; 0124315024; 27060-0d030; 0124315016; 27060-0d020

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.85, **Mount. bracket dist.** 40.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.45, **Rotation** CR



113298 Alternator

Replacing: 0124415030; -16

Servicing: Ford

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 56.00, **Mount. bracket dist.** 75.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.00, **Rotation** CR

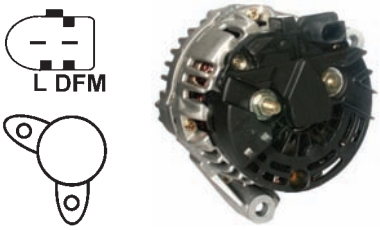


113300 Alternator

Replacing: 124515046

Servicing: Mercedes-Benz

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR

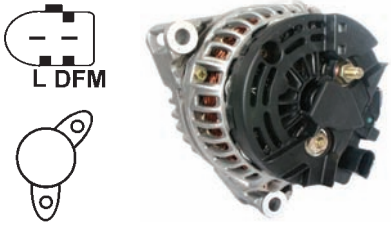


113301 Alternator

Replacing: 124325045

Servicing: Mercedes-Benz

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.50, **Rotation** CR

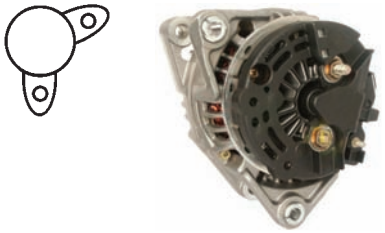


113302 Alternator

Replacing: sg12b060; 0124515056; -132

Servicing: Mercedes-Benz

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.00, **Rotation** CR

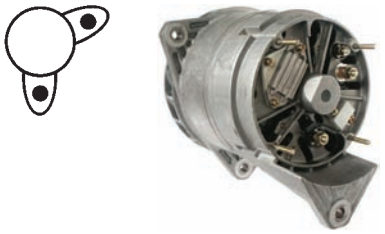


113304 Alternator

Replacing: 124515049

Servicing: Opel; Vauxhall

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 33.30, **Mount. bracket dist.** 59.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.80, **Rotation** ACR

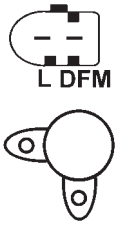


113305 Alternator

Replacing: 0120689506; -67; 11.203.238; aat1336

Servicing: Mercedes-Benz; Kässbohrer

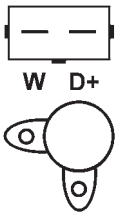
V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 15.75, **Mount. bracket dist.** 179.85, **Fan** EF, **Pulley** w/o, **Terminal** W





113340 Alternator

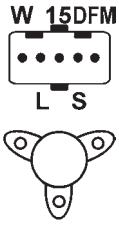
Replacing: 0124315001; 9517403; 038903023k; aak5547;
Servicing: VW; Audi; Skoda; Seat
V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 62.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR





113341 Alternator

Replacing: 0123310035; 9517463; 11.203.075; aak5346; 11.203.316
Servicing: Audi; VW; Skoda
V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.90, **Mount. bracket dist.** 61.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W





113351 Alternator

Replacing: 0124555004; 0124655001; 0124555001; -2; 0124655002; -4; 0111548702; 0124655016; 0111548602; 01215410
Servicing: Mercedes-Benz
V. 24, **Amp.** 100, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 80.00, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W





113352 Alternator

Replacing: 0124415009; -25; 24430295; 6204099; 0124425053; 0124515033; 01124515033; 9131264; 0124515095; 012442
Servicing: Vauxhall; Opel
V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 79.50, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 31.50, **Rotation** CR




113376 Alternator

Replacing: 0120400614; 0120488158; 0120489118; -9; -635; -636; 0120400833; -4; 0120489585; -6; -625; -626; -768
Servicing: Opel; Vauxhall; Lancia; Bedford
V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 56.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.60, **Rotation** CR, **Terminal** W



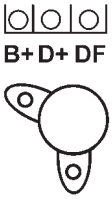

113377 Alternator

Replacing: 0120489113; -2; -493; -494; -780; -781; 3472042; -62; -93; -210
Servicing: Opel; Vauxhall; Bedford
V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.90, **Rotation** CR




113442 Alternator

Replacing: 0101544902; 0123320047; 11.203.007; aak5308; A0101544902
Servicing: Mercedes-Benz
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 82.00, **Rotation** CR, **Terminal** W





113447 Alternator

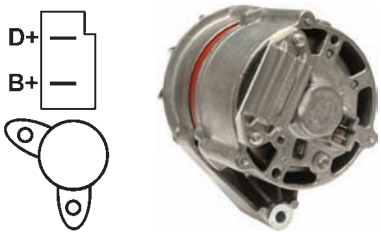
Replacing: 0123310023; 1036244; 96fb10300dc; -d; r96fb10300dd; 0123310050; -4; 96fb10300de
Servicing: Ford; Mazda
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 13.90, **Mount. bracket dist.** 80.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR




113448 Alternator

Replacing: 0120468143; -5; 0120501151; 6033gb3010; 0091549902; 0101540002; 0101549202; 0111548902; 6033gb3023;
Servicing: Mercedes-Benz
V. 24, **Amp.** 100, **B+ / position** M8, **B+ position in min** 24, **Width of holder arm** 80.00, **Fan** EF, **Grooves in pulley** 9, **Pulley** Serpentine Pulley, **Pulley distance** 110.40, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

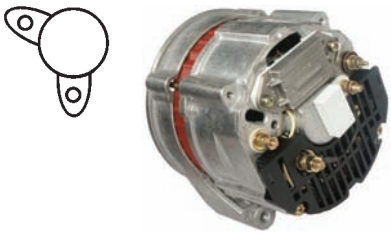


113469 Alternator

Replacing: 0120339526; aag1307; 11.201.062

Servicing: Marshall; Steyr

V. 12, **Amp.** 33, **B+ / position** Plug, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.50, **Rotation** CR *Dust Proof.*

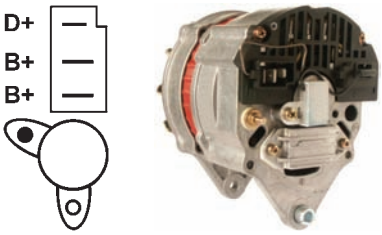


113470 Alternator

Replacing: 0120488153; -234; 1178136; 0120488283

Servicing: Iveco; Liebherr; Khd

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 55.80, **Fan** w/o, **Grooves in pulley** Single, **Pulley** w/o, **Pulley distance** 77.00, **Terminal** W

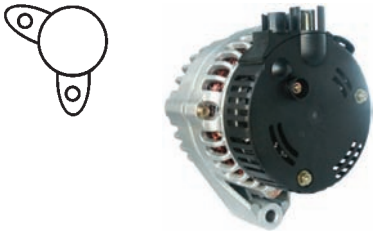


113474 Alternator

Replacing: 11.201.913; 3536264m91; aak3320; 11.201.396; aak1324; 23833; -62; -902; -937; -938; -943; -996; 2401

Servicing: Austin; Rover; Landini; Massey Ferguson

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 47, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.55, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.90, **Rotation** CR, **Terminal** W

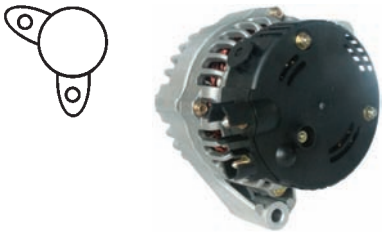


113485 Alternator

Replacing: 0123310010; a2ta1994; a13vi230; -60; a13vi95; 11.203.054; aak5329

Servicing: Citroen; Peugeot; Fiat; Lancia; Suzuki

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR

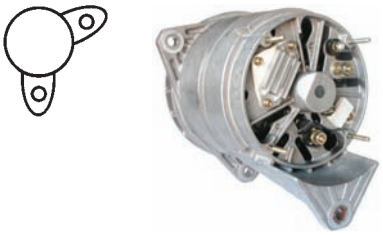


113486 Alternator

Replacing: 0123320035; 0091547602; 0101549802; 11.203.008; aak5309; A0091547602; A0101549802

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.85, **Rotation** CR

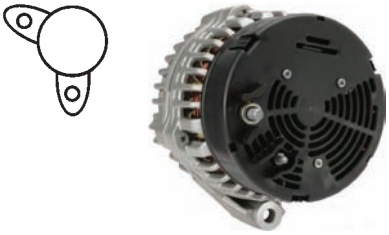


113488 Alternator

Replacing: 0120689523; -42; -46; 1232608; 1248660; 11.203.231; aat1329; 0120689572; 266679

Servicing: Daf

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.50, **Mount. bracket dist.** 180.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W *D- M8*

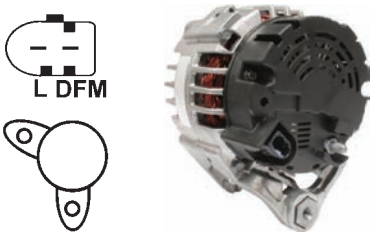


113489 Alternator

Replacing: 0123520012; -3; 0111543202; 0101542902; 0101548302; 0111541002; A0101542902; A0101548302; A011154100

Servicing: Mercedes-Benz; Daewoo

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.30, **Rotation** CR

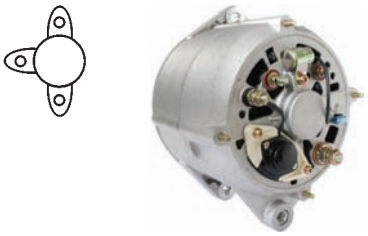


113510 Alternator

Replacing: 0124525008; sg14b012; 078903016; 078903016ca; SG14B013; 2542497; -587; 0124525087; 0124615007; 07890

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 14.10, **Mount. bracket dist.** 81.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR

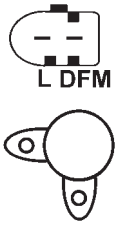


113514 Alternator

Replacing: 0120468132; 1397038; 571499

Servicing: Scania

V. 24, **Amp.** 65, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 22.80, **Mount. bracket dist.** 68.70, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W





113530 Alternator

Replacing: 021903025f; 0124315002; 0124325002; 021903025H; -j; 9517108; 11.203.315; aak5546

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.80, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR




113531 Alternator

Replacing: 0120484012; 1020484017; 0120484019; -7; ae53101; al78689; -92; at78689; ty24486; ty6793; 11.203.332;

Servicing: John Deere

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 56.20, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

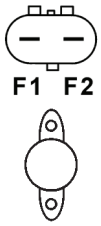



113536 Alternator

Replacing: 63321819; -287; -330; -36; 0124325060; 63321729; -612

Servicing: Alfa Romeo

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 16.90, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.50, **Rotation** CR



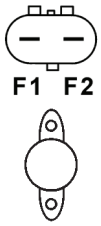


113564 Alternator

Replacing: 121000-4470; 4869; 0124525004; 56028238AB

Servicing: Dodge

V. 12, **Amp.** 136, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.60, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



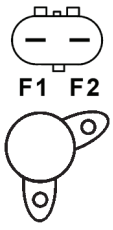


113568 Alternator

Replacing: 6004ml0002; 56028238; 4969

Servicing: Dodge

V. 12, **Amp.** 136, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 12.85, **Mount. bracket dist.** 54.70, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



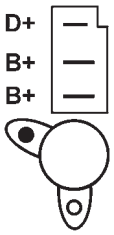


113569 Alternator

Replacing: 6004ml0001; 56041322; 4913

Servicing: Dodge; Jeep

V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.10, **Mount. bracket dist.** 68.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 27.00, **Rotation** CR





113574 Alternator

Replacing: 23680; 9ar2919p; 24049; 3477851R91; 3538541M91; na066; 11.201.276; aak4118; 0120489958; -9; 81db1030

Servicing: Case; New Holland; Valmet

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 10.40, **Mount. bracket dist.** 90.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.85, **Rotation** CR, **Terminal** W




113576 Alternator

Replacing: 0120488219; -20; 0123315004; 12311739362; -3

Servicing: BMW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 15.80, **Mount. bracket dist.** 80.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 71.50, **Rotation** CR




113611 Alternator

Replacing: 0120469540; -013; -26; -687; -895; 0051543202; 0120469506; 0071542602; A0051543202

Servicing: Mercedes-Benz; VW; Claas

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 23, **Width of holder arm** 81.30, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 115.45, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




113624 Alternator

Replacing: 0120488129; 54022187; 1012257; 54022665; -93; 24404; 54022574

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.75, **Mount. bracket dist.** 82.95, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




113632 Alternator

Replacing: 0120484002; 0120489156; -317; 0120488217; 11.201.934; aak3329; 0120484003; -16; -20; 9513071; 012006

Servicing: Lada; John Deere

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 56.10, **Fan** IF, **Pulley** Pulley, **Rotation** CR, **Terminal** W




113640 Alternator

Replacing: 0124525035; a14vi48; SG15S024; TG15C020; -8; 96460654; 96463218; 9646065480; 2542693A; tc15c020

Servicing: Peugeot; Citroen; Fiat; Lancia

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 21.20, **Mount. bracket dist.** 45.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 42.00, **Rotation** CR

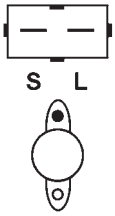



113707 Alternator

Replacing: al170947; 0124625031

Servicing: ; John Deere

V. 12, **Amp.** 200, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 56.00, **Fan** IF, **Pulley** w/o, **Rotation** CR




113716 Alternator

Replacing: 9120060023; 44-9572; 5d38604g01; 9120060028; 0120488296; 9514590; 41-7913; 41-6781; 0120484049; 41-7

Servicing: Thermo King

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 51.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

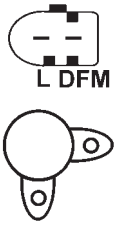



113751 Alternator

Replacing: 0124515040; 06C903016; 06C903016A; 0124515028; sg12b011; -25; -54; 2542233; -324; -546; 059903015F

Servicing: VW; Audi

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 30.00, **Rotation** CR




113754 Alternator

Replacing: 0124515038; -13; -20; -21; -68; 9459093; 8111122; 9442130; 074903025j; -Q; -R

Servicing: VW; Volvo

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR




113755 Alternator

Replacing: 0124525034; 104210-3240; -170; 104210-4270; a14vi40; TG15C022; 2542472; -704; -925; 9640623580; 9640

Servicing: Citroen; Peugeot; Lancia; Fiat; Suzuki; Renault

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 21.10, **Mount. bracket dist.** 45.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




113758 Alternator

Replacing: 0123510028; 0123515012; -24; 049903015f; 049903015FX; 046903015f; 046903015; 0120468109

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.90, **Mount. bracket dist.** 81.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 30.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.




113770 Alternator

Replacing: 0123515003; 028903027e; 028903028

Servicing: Audi; VW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.




113783 Alternator

Replacing: 0123310022; -43; -44; -47; 047903015p; 058903016; 058903016X; 058903018; 071903016

Servicing: Audi; Skoda; VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.20, **Mount. bracket dist.** 82.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W




113786 Alternator

Replacing: 9120335002; 6033gb5007; -9; 23100-7c000; -1

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 46, **Width of holder arm** 13.20, **Mount. bracket dist.** 80.70, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.50, **Rotation** CR

113798 Alternator

Replacing: 0124515016; TG13S022; 2653015

Servicing: Saturn

V. 12, **Amp.** 120, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley

113799 Alternator

Replacing: 0124515008; 21019217; 0124515043; SG12S114; 2653014

Servicing: Saturn

V. 12, **Amp.** 120, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley

113807 Alternator

Replacing: 124525085

Servicing: Mercedes-Benz

V. 12, **Amp.** 160, **Fan** IF

113808 Alternator

Replacing: 124525007

Servicing: Dodge

V. 12, **Amp.** 135, **Fan** IF, **Grooves in pulley** 7, **Pulley** Pulley




113831 Alternator

Replacing: 0123310006; 12311247287; -311; 12311427287

Servicing: BMW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 24.00, **Mount. bracket dist.** 73.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.00, **Rotation** CR



113832 Alternator

Replacing: 0123315015; md325700; md327551; md330800; 0123315018; 0124325010; md353869; md313076; 0123315008; -1

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M8, **Mount. bracket dist.** 65.00, **Grooves in pulley** 4, **Pulley distance** 46.00, **Rotation** CR





113833 Alternator

Replacing: 0123320050; -67; 1025547; 1032333; 1135454; 97kb10300aa; -b

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 13.80, **Mount. bracket dist.** 78.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.
DF M5

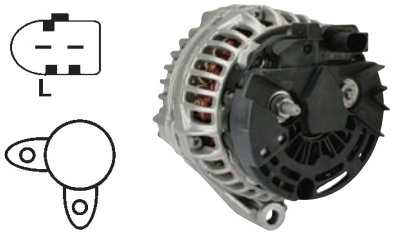
Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

113834 Alternator

Replacing: 0124325021; -2; -35; -97; 038903018; 038903023T; 074903025; 23100-69T61

Servicing: VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **Mount. bracket dist.** 59.00, **Pulley** w/o, **Rotation** CR, **Terminal** W



113835 Alternator

Replacing: 0124515055; -131; sg12b024; 2542320; 0111542702; A0111542702; 0111542602; a0111542602

Servicing: Mercedes-Benz

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 56.05, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.40, **Rotation** CR

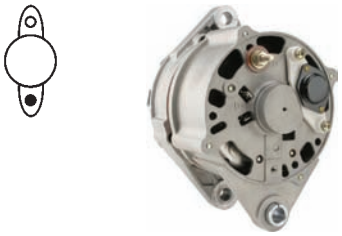


113837 Alternator

Replacing: 0124525044; -84; -141; 23100-00QAN; 4405286; 8200190721; 8200404300; 9121119; 0124525133; 8200692868

Servicing: Renault; Vauxhall; Nissan; Opel

V. 12, **Amp.** 150



113838 Alternator

Replacing: 0120489334; -5; -6; -7; 63320022; 63321039

Servicing: Iveco; Mazda; Alfa Romeo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.20, **Mount. bracket dist.** 69.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR
Pulley width. 9.5 mm.

113839 Alternator

Replacing: 2541174; -446; -478; -491; 9031147; -312; a13n138; -79; -233; -238; -242; 0120489490; 3417316; 01204

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **Mount. bracket dist.** 67.00, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 55.00, **Rotation** CR, **Terminal** W



113840 Alternator

Replacing: 0124325012; 045903023

Servicing: Skoda; VW; Audi; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **Mount. bracket dist.** 59.00, **Grooves in pulley** 6, **Pulley distance** 49.00, **Rotation** CR

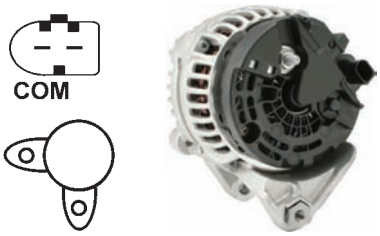


113848 Alternator

Replacing: 0123510048; -95; 60604238; 60652354; 60654127

Servicing: Lancia; Alfa Romeo

V. 12, **Amp.** 120, **B+ / position** M8, **Mount. bracket dist.** 60, **Grooves in pulley** 6, **Pulley distance** 39.00, **Rotation** ACR

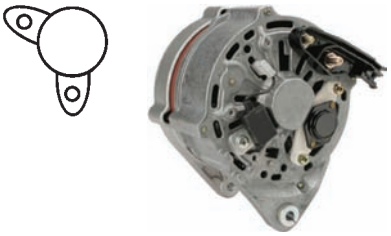


113858 Alternator

Replacing: 0124525026; -80; 12317519721; 12317521135; 12317546285; -4; 12317541694; 12377541696

Servicing: BMW

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 28.00, **Mount. bracket dist.** 77.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 69.00, **Rotation** CR



113864 Alternator

Replacing: 0120469913; -4; -8; -9; na473; a13vi61; 2541620; 12311727576; 12311721921; 943356504; mar941

Servicing: BMW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 16.00, **Mount. bracket dist.** 79.85, **Fan** w/o, **Pulley** w/o, **Rotation** CR

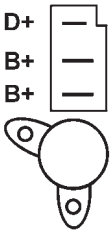



113865 Alternator

Replacing: 0120465018; 0123213007; 0123545002; 0123500005; 100211-8630; -1; -2; 5003920; 9130275; 9162422; 9447

Servicing: BMW; Volvo

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 71.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 92.50, **Rotation** CR





113866 Alternator

Replacing: 0120489331; -3; 0071546002; -102

Servicing: Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 43, **Width of holder arm** 56.20, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.85, **Rotation** CR




113867 Alternator

Replacing: 0123505008; 0123510015; -33; -88; 058903016c; -8c; 034903016n

Servicing: Audi

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 14.00, **Mount. bracket dist.** 81.60, **Fan** IF, **Pulley** w/o, **Rotation** CR

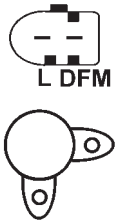


113869 Alternator

Replacing: 0123510044; -58; -102; 0101540302; A0101547402; 0101547402

Servicing: Mercedes-Benz

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 44, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 81.00, **Rotation** CR





113870 Alternator

Replacing: 0124315007; sg8b017; 2542279; 037903025g; -n

Servicing: Seat; VW; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.95, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.80, **Rotation** CR



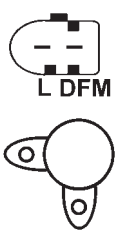


113871 Alternator

Replacing: 0124325062; -72; 0124525045; -2; -59; SG9B050; SG14B017; 2542608; -753; 12317512151; 12317516098; -1

Servicing: Porsche; BMW

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 62.85, **Mount. bracket dist.** 41.65, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.60, **Rotation** CR



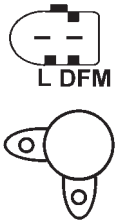


113873 Alternator

Replacing: 0124315013; 045903023b; -5b

Servicing: VW; Seat; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.75, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 39.00, **Rotation** CR



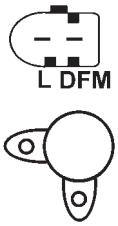


113874 Alternator

Replacing: 0124325056; -81; -127; TG11C014; 2542696; 036903024D; -H; -J

Servicing: Skoda; VW

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 14.15, **Mount. bracket dist.** 61.15, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.30, **Rotation** CR





113875 Alternator

Replacing: 0124325050; 036903024a

Servicing: VW

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.30, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




113876 Alternator

Replacing: 0120488132; -3; 0081541102; A0081541102

Servicing: Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W



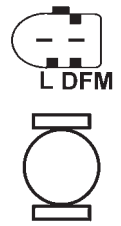


113877 Alternator

Replacing: 0124515088; 2711540802; -902; A2711540802; -902

Servicing: Mercedes-Benz

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 69.90, **Mount. bracket dist.** 56.55, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 30.50, **Rotation** CR





113878 Alternator

Replacing: 0124515059; sg12b047; -75; 2542738; -509; 06b903016p; 06B903016AE; 06B903016S

Servicing: Audi; BMW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 70.00, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 28.00, **Rotation** CR

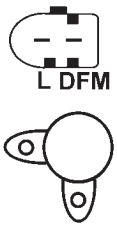



113879 Alternator

Replacing: 0124225004; -23; 0124415005; SG7S020; 1204134; 6204077; 90561167; 9117932; 24463064

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 27, **Width of holder arm** 33.50, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.50, **Rotation** CR



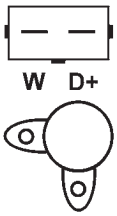


113884 Alternator

Replacing: 0124615006; -17; -38; ym2110300ca; 1118206; 021903026A; 022903028a; 074903025S

Servicing: VW; Ford; Seat

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.35, **Mount. bracket dist.** 61.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 38.50, **Rotation** CR



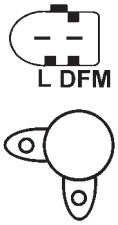


113885 Alternator

Replacing: 0123520002; 0101542102; A0101542102; 021903025c; 028903025c; 028903025CX; 95VW10300sa; R95VW10300SA;

Servicing: Audi; Ford; VW; Mercedes-Benz; Seat

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 44, **Width of holder arm** 14.15, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 42.85, **Rotation** CR, **Terminal** W



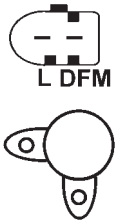


113887 Alternator

Replacing: 0124325011; sg9b018; 037903025f; SG9B055; 0124325074; 037903026C; 045903026C; 030903023M; -9a; 25422

Servicing: Audi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR





113888 Alternator

Replacing: 0124325021; -2; -35; 038903018; 038903023T; -5M

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR




113889 Alternator

Replacing: 0124325046; -93; -105; 0123320065; 0124325039; 0121542002; -202; 0123320051; RE185213

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 18, **Width of holder arm** 70.00, **Mount. bracket dist.** 56.50, **Fan** IF, **Rotation** CR, **Terminal** W

Pulley: Cargo 230292.





113894 Alternator

Replacing: 120468028

Servicing: Case

V. 12, **Amp.** 110, **B+ / position** 7/16" UNC, **B+ position in min** 47, **Width of holder arm** 14.20, **Mount. bracket dist.** 100.70, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
B+ 7/16-UNC





113895 Alternator

Replacing: 6033GB3045; 1181096

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 56.15, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W

113899 Alternator

Replacing: 0123515502; 0124615029; re218703

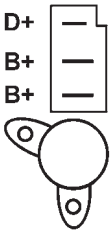
V. 12, **Amp.** 150

113903 Alternator

Replacing: 02121-8074; OK05418300C; 0123520020;

V. 12, **Amp.** 60, **Fan** EF, **Pulley** Double Pulley

Miscellaneous





110975 Alternator

Replacing: 0120300563; -4; -84; 0120400670; 0120489058; -551; -569; -789; -975; 54021649; 60021026; -63; -67; -

Servicing: VW; Audi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.85, **Rotation** CR, **Terminal** W

Trucks / coaches

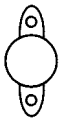
113695 Starter

Replacing: 1993831; -918; 10478811; -960; 0001371001; 10461402; -5; 0R2735; 0R4263

Servicing: Caterpillar

V. 24, **kW.** 6.0, **No. of teeth** 12
Replacing: 37MT.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

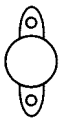



110043 Alternator

Replacing: 0120489192; -702; 9120144111; -4; -8; -9; 2998056; 19025075; 11.201.807; aak3117; 510-289; 9ar3868g;

Servicing: Scania; Renault V.i.; Pegaso; Hanomag

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W

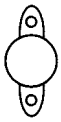



110643 Alternator

Replacing: 851606; 854494; a3024/13; -30; -33; a4024/15; lna4024/8; 66021616a; lna4024/0

Servicing: Butec

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 75.90, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




111295 Alternator

Replacing: 857606; -12; -26; -33; -38; 858085; -693; a5524/30; -56; -58; lna5524/3; 1266450; 1268580; -90; -620

Servicing: Cummins; Perkins

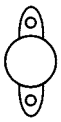
V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 76.25, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W




111296 Alternator

Replacing: 857601; -23; -45; a5524/39; -49

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 76.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W




111746 Alternator

Replacing: 0120468093; -135; 6033gb3021; 1096758; 3986429; 0120468144; 11.203.275; aan5171; 860551

Servicing: Volvo

V. 24, **Amp.** 90, **B+ / position** M6, **B+ position in min** 49, **Width of holder arm** 14.50, **Mount. bracket dist.** 103.00, **Fan** EF, **Pulley** Double Pulley, **Rotation** CR/ACR, **Terminal** W

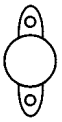


111808 Alternator

Replacing: 1285505; ac203r11524-12; 1285515; 8112272; 880638z

Servicing: Volvo

V. 24, **Amp.** 120, **B+ / position** M10, **B+ position in min** 58, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W



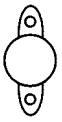

111834 Alternator

Replacing: 0120469569; -643; -763; -807; -900; -959; 257592; a13n11; 11.201.801; aak1398; 0120469960; 858882; i

Servicing: Scania

V. 24, **Amp.** 55/70, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 80.50, **Fan** EF, **Pulley** w/o, **Terminal** W

Cargo 112182 (80 Amp)

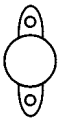



111972 Alternator

Replacing: 1285523; -9; -31; ac203r11524-22; -6; -9; 111973; -4; 880640z

Servicing: Volvo

V. 24, **Amp.** 115, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 22.00, **Mount. bracket dist.** 109.50, **Fan** EF, **Pulley** w/o, **Terminal** W



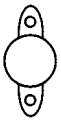

111975 Alternator

Replacing: 1286000; 8112932; 880703z

Servicing: Volvo

V. 12, **Amp.** 115, **B+ / position** M12, **B+ position in min** 55, **Width of holder arm** 22.00, **Mount. bracket dist.** 110.00, **Fan** EF, **Pulley** w/o





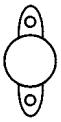

111976 Alternator

Replacing: 1286500; 8112933; 880704z
Servicing: Volvo; Ikarus
V. 24, **Amp.** 180, **B+ / position** M12,
B+ position in min 55,
Width of holder arm 22.00,
Mount. bracket dist. 110.00, **Fan** EF,
Pulley w/o, **Rotation** CR/ACR, **Terminal** W



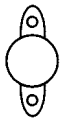
112017 Alternator

Replacing: 1284105; ac203/80/24; 880636z; 880726z
Servicing: Volvo
V. 24, **Amp.** 80, **B+ / position** M8, **Fan** EF, **Pulley** w/o, **Terminal** W
Regulator: Cargo 131140



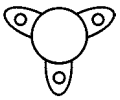

112019 Alternator

Replacing: 1285622; 880718z
Servicing: Volvo; Cummins
V. 24, **Amp.** 180, **B+ / position** M8,
Width of holder arm 22.00,
Mount. bracket dist. 110.00, **Fan** EF,
Pulley w/o, **Rotation** CR, **Terminal** W



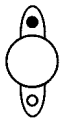

112076 Alternator

Replacing: 0120468065; -94; -116; -124; -129; -130; 98424452; -3; -739; -748; 98449163; 0120468139; -999; 77003
Servicing: Iveco; Renault V.i.; Scania; Citroen
V. 24, **Amp.** 80, **B+ / position** M8,
B+ position in min 48,
Width of holder arm 27.00,
Mount. bracket dist. 72.10, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 52.50, **Rotation** CR,
Terminal W



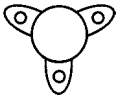

112159 Alternator

Replacing: 0120468107; -13; -18; -37; 6033gb3054; b120500755; 1298995; 0071549202; -902; 5010217961; 0120468117
Servicing: Mercedes-Benz; Man; Daf; Renault V.i.
V. 24, **Amp.** 80, **B+ / position** M8,
B+ position in min 22,
Width of holder arm 80.40, **Fan** EF, **Pulley** Double Pulley, **Rotation** CR, **Terminal** W




112493 Alternator

Replacing: 0120468054; 3923624; 0120468147; 860568
Servicing: Case
V. 24, **Amp.** 65, **B+ / position** M12,
B+ position in min 50,
Width of holder arm 14.00,
Mount. bracket dist. 100.00, **Fan** EF,
Pulley w/o, **Rotation** CR, **Terminal** W



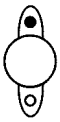

112561 Alternator

Replacing: 0120469115; -6; 6033gb3019; -22; -27; 0091549702; -802; 0101549002; -102; 0120469117; A0091549702; -
Servicing: Mercedes-Benz
V. 24, **Amp.** 80, **B+ / position** M8,
B+ position in min 22,
Width of holder arm 80.00, **Fan** EF,
Grooves in pulley 8, **Pulley** Serpentine Pulley, **Pulley distance** 111.00, **Rotation** CR, **Terminal** W




112803 Alternator

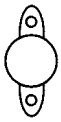
Replacing: 0120468037; -114; 860562
Servicing: Volvo
V. 24, **Amp.** 80, **B+ / position** M8,
B+ position in min 10,
Width of holder arm 51.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




113342 Alternator

Replacing: 859371; 859371z; 869371
Servicing: Sabre
V. 24, **Amp.** 95, **B+ / position** M8,
B+ position in min 30,
Width of holder arm 76.20, **Fan** EF, **Pulley** w/o, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




110043 Alternator

Replacing: 0120489192; -702; 9120144111; -4; -8; -9; 2998056; 19025075; 11.201.807; aak3117; 510-289; 9ar3868g;

Servicing: Scania; Renault V.i.; Pegaso; Hanomag

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




110112 Alternator

Replacing: 0120489643; 9120080114; 2998054; 19025074; 0051548202; 510-347; -8; 9ar3921g; 71554102; 2937390; 293

Servicing: Volvo; Volvo Penta

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 51.00, **Fan** w/o, **Pulley** w/o, **Terminal** W

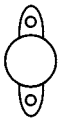



110116 Alternator

Replacing: 0120400796; 0120488208; 0120489230; -684; -827; 2998055; 0120488273; -89; 0120489053; 510-397; a13n3

Servicing: Man; Renault; Daf; Ford

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 80.25, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




111295 Alternator

Replacing: 857606; -12; -26; -33; -38; 858085; -693; a5524/30; -56; -58; lna5524/3; 1266450; 1268580; -90; -620

Servicing: Cummins; Perkins

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 76.25, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W




111629 Alternator

Replacing: 0120600579; 0120689503; -4; -8; -12; -13; -15; -20; -32; -33; -91; 11.201.868; aat1303; 0071542802;

Servicing: Mercedes-Benz; Man

V. 24, **Amp.** 120, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 15.00, **Mount. bracket dist.** 179.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 56.00, **Terminal** W
B- M8



111808 Alternator

Replacing: 1285505; ac203r11524-12; 1285515; 8112272; 880638z

Servicing: Volvo

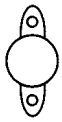
V. 24, **Amp.** 120, **B+ / position** M10, **B+ position in min** 58, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W




111809 Alternator

Replacing: 1268010

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 76.00, **Fan** EF, **Insulator** D, **Pulley** w/o




111810 Alternator

Replacing: 1268030

V. 12, **Amp.** 60, **B+ / position** 1/4" UNF, **B+ position in min** 20, **Width of holder arm** 76.10, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR




111833 Alternator

Replacing: 0120689530; -5; -71; 1277670; 11.201.519; -757; -895; aat1302; -6; 0081547802; 0111545002; 012068957

Servicing: Mercedes-Benz; Drögmöller

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.70, **Mount. bracket dist.** 182.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
B- M8




111842 Alternator

Replacing: 0120689517; -22; -27; -40; -41; -69; -75; 1277690; 500332014; 11.203.001; -239; aat1337; 11.203.085;

Servicing: Mercedes-Benz; Man; Neoplan; Ikarus

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 15.00, **Mount. bracket dist.** 185.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 71.10, **Rotation** CR, **Terminal** W
B- M8

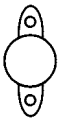



111859 Alternator

Replacing: 0120689526; 7421345000; 11.203.229; aat1327; 1277970

Servicing: Kässbohrer

V. 24, **Amp.** 120, **B+ / position** M8, **B+ position in min** 27, **Width of holder arm** 15.50, **Mount. bracket dist.** 180.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
B- M8




111972 Alternator

Replacing: 1285523; -9; -31; ac203r11524-22; -6; -9; 111973; -4; 880640z

Servicing: Volvo

V. 24, **Amp.** 115, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 22.00, **Mount. bracket dist.** 109.50, **Fan** EF, **Pulley** w/o, **Terminal** W

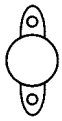


112017 Alternator

Replacing: 1284105; ac203/80/24; 880636z; 880726z

Servicing: Volvo

V. 24, **Amp.** 80, **B+ / position** M8, **Fan** EF, **Pulley** w/o, **Terminal** W
Regulator: Cargo 131140

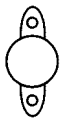



112019 Alternator

Replacing: 1285622; 880718z

Servicing: Volvo; Cummins

V. 24, **Amp.** 180, **B+ / position** M8, **Width of holder arm** 22.00, **Mount. bracket dist.** 110.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




112097 Alternator

Replacing: 0120488252; -3; 0120489410; -2; -612; -638; -639; -792; -793; -794; -795; -796; 2998230; 19025044; -

Servicing: Iveco; Allis Chalmers; Astra; Fahr; Laverda

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W




112343 Alternator

Replacing: 0120689511; -43; -48; -52; -66; 11.201.902; aat1310; 571520; 1244090; 1254010; 666754; 1179882; 4252

Servicing: Renault V.i.

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.75, **Mount. bracket dist.** 182.00, **Fan** EF, **Pulley** Double Pulley, **Terminal** W
B- M8




112392 Alternator

Replacing: 1277610; -750

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 15.50, **Mount. bracket dist.** 181.25, **Fan** EF, **Insulator** D, **Pulley** w/o, **Terminal** W




110074 Alternator

Replacing: 2642121; 2875844; 3000010; -1

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 60, **B+ / position** 1/4" UNC, **B+ position in min** 60, **Width of holder arm** 12.80, **Mount. bracket dist.** 60.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 31.00, **Rotation** CR
Regulator: Cargo 130504

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




110236 Alternator

Replacing: 3438176; -7; -8; -9; -80; 3514308; 3621860; -1; -6; -7; 3656130; -1; -395; -397; -455; -459; -570; 3

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 60, **B+ / position** 1/4" UNC, **B+ position in min** 55, **Width of holder arm** 12.70, **Mount. bracket dist.** 59.90, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 31.50, **Rotation** CR

2 Fields.Regulator: Cargo 131280



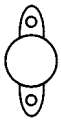

110514 Alternator

Replacing: 5206971; -81; 5213053; -79; -540; -541; -762; -763; 5226135

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 78, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 32.00

Square back. Regulator: cargo 131280



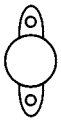

110515 Alternator

Replacing: 5226200; 5227100; 5233472; -4

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 12.00, **Mount. bracket dist.** 53.50, **Fan** w/o, **Pulley** w/o

Regulator: Cargo 131280



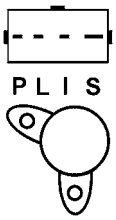

110516 Alternator

Replacing: 4428082; 5226432; 5227267; 5233160; -99; -508; 5256427

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** w/o, **Pulley** w/o

Regulator: Cargo 131280





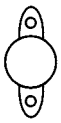
110986 Alternator

Replacing: 10463035; -6; 1101167; -70; 10463037; 53002898

Servicing: Jeep; Mg

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR

Replacing: CS130.



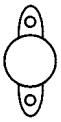

111191 Alternator

Replacing: 5223449; 5233417; -49; -949; 5243449; -949; 121000-2430; 121000-3000; -100; -310; -360; -900; 523367

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 21, **Width of holder arm** 11.80, **Mount. bracket dist.** 55.15, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

Regulator: Cargo 131280



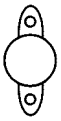

111192 Alternator

Replacing: 5233599; -660; 5234651; 121000-4010; -30; -90; -100; -110

Servicing: Citroen; Chrysler; Plymouth; Dodge

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 21, **Width of holder arm** 12.30, **Mount. bracket dist.** 54.75, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.45, **Rotation** CR

Regulator: Cargo 131280



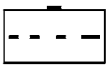

111193 Alternator

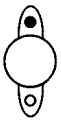
Replacing: 5233416; 5234026; -7; -31; 56005684; 121000-3340; -80; -81; -410; -420; -440; 5233718

Servicing: Chrysler; Jeep; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 12.65, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

Regulator: Cargo 131280





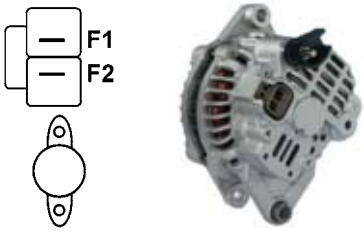

111486 Alternator

Replacing: 33003511; 10463117; -77; -208; 10479898; -937; -938; 1101271; -475; -608

Servicing: Buick; Oldsmobile

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR

Replacing: CS130.

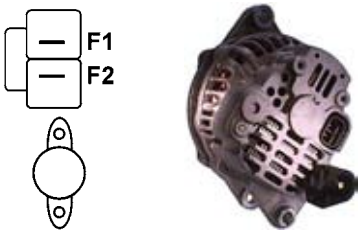


111529 Alternator

Replacing: a2ta3791; 4609101; a2ta7491; a2ta7491zc

Servicing: Chrysler; Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 12.00, **Mount. bracket dist.** 53.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

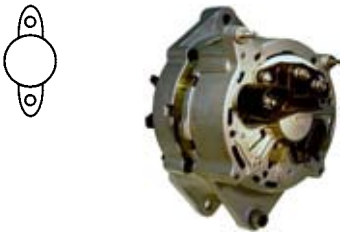


111530 Alternator

Replacing: 4671041; 4686106; 4793189; a2t81192; -292; -391; A2T81192ZC; 4793190; A2T81291

Servicing: Chrysler; Dodge; Eagle; Mitsubishi; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 26, **Width of holder arm** 12.30, **Mount. bracket dist.** 54.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR



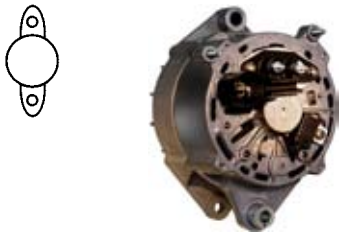
111813 Alternator

Replacing: 0120450011; -2; -3; -4; -6; -7; -8; -9; -24; -25; 4557432; 0120450023

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

Regulator: Cargo 131280



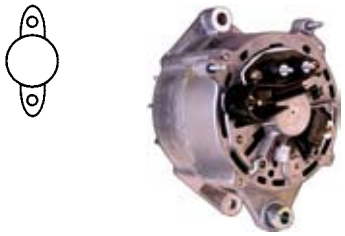
111814 Alternator

Replacing: 0120450029; 4686021; 4727036

Servicing: Chrysler

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.30, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

Regulator: Cargo 131280



111815 Alternator

Replacing: 0120450026; -7; -8; 4686019

Servicing: Chrysler

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 12.30, **Mount. bracket dist.** 54.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 31.85, **Rotation** CR, **Terminal** W

Regulator: Cargo 131280



112195 Alternator

Replacing: 0123510037; 4727206

Servicing: Chrysler; Dodge

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 4, **Width of holder arm** 14.10, **Mount. bracket dist.** 60.60, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 27.00, **Rotation** CR

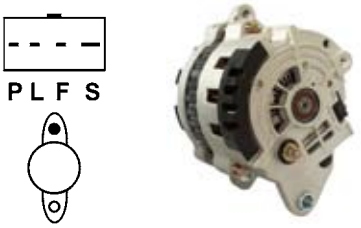


112420 Alternator

Replacing: 0123510109; 38522303

Servicing: Chrysler

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 14.25, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 30.30, **Rotation** CR



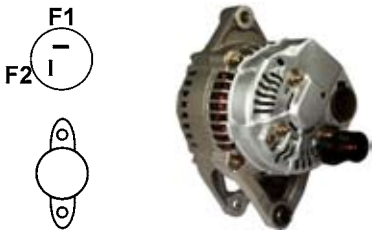
112447 Alternator

Replacing: 33002941; 4609003; 1101266; -7; 1102644

Servicing: Dodge; Eagle

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 12.90, **Mount. bracket dist.** 81.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR

Replacing: CS130.



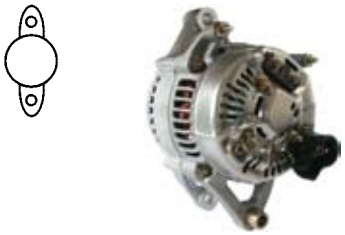
112583 Alternator

Replacing: 4686098; 4727220; 121000-3520; -1; -3

Servicing: Chrysler

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112833 Alternator

Replacing: 56027912; 121000-3530; -1; 56007912

Servicing: Dodge; Jeep

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

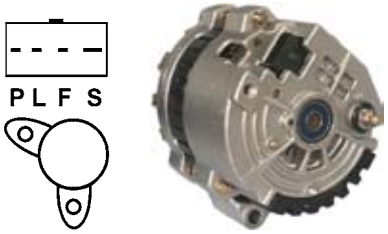


112848 Alternator

Replacing: 3755585; 4091002; -460; -461

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 110/114, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 21.50, **Mount. bracket dist.** 47.35, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 49.25, **Rotation** CR



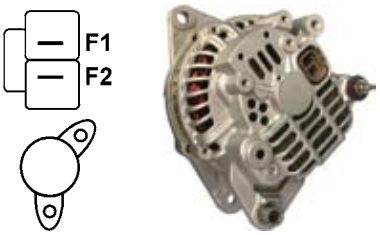
112855 Alternator

Replacing: 53004632; 10463050; 321-344; 1101168

Servicing: Jeep

V. 12, **Amp.** 61, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 69.00, **Rotation** CR

Replacing: CS121.

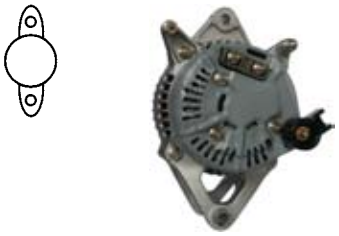


113027 Alternator

Replacing: 4609300; 4609300ac; a3ta4191; a3ta4191zc; A3T14292; 4606622aa; 4996; 421000-0120; 4883; 4609075; 468

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 13.30, **Mount. bracket dist.** 60.25, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.40, **Rotation** CR



113050 Alternator

Replacing: 5227672; 121000-2680

Servicing: Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 38.50, **Rotation** CR

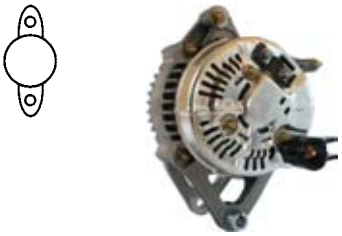


113051 Alternator

Replacing: 5233608; 121000-4000; -50

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.75, **Fan** IF, **Grooves in pulley** 4, **Pulley** Double Pulley, **Pulley distance** 32.80, **Rotation** CR

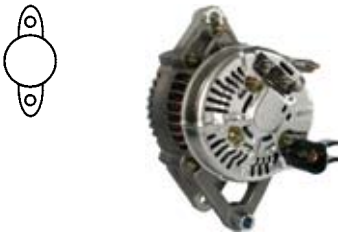


113052 Alternator

Replacing: 5252539; 121000-3300; 523318; 5233418

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 32.70, **Rotation** CR



113053 Alternator

Replacing: 5233672; 121000-3330; -200; -4

Servicing: Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.90, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 37.85, **Rotation** CR

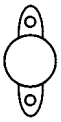


113054 Alternator

Replacing: 5234028; 121000-3370

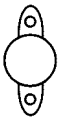
Servicing: Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 38.00, **Rotation** CR



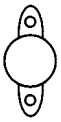

113055 Alternator

Replacing: 5234029; 121000-3390
Servicing: Chrysler; Dodge; Plymouth
V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR



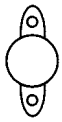

113056 Alternator

Replacing: 5234032; 121000-3400
Servicing: Chrysler; Dodge; Plymouth
V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



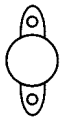

113057 Alternator

Replacing: 53008647; 121000-3470
Servicing: Chrysler; Jeep; Dodge; Plymouth
V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.60, **Mount. bracket dist.** 55.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR



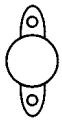

113058 Alternator

Replacing: 5234199; -208; 121000-4040
Servicing: Chrysler; Dodge; Plymouth
V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.40, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



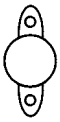

113059 Alternator

Replacing: 5234260; 121000-4060
Servicing: Chrysler; Dodge; Plymouth
V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR



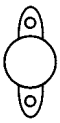

113060 Alternator

Replacing: 5234033; 121000-4070
Servicing: Chrysler; Dodge; Plymouth
V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 11.90, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



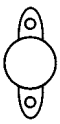

113061 Alternator

Replacing: 5234374; 121000-4080; -150; 56027221; 121000-4151
Servicing: Dodge
V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.20, **Mount. bracket dist.** 53.80, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR




113062 Alternator

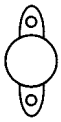
Replacing: 121000-4130; 53008651
Servicing: Dodge; Jeep
V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR




113063 Alternator

Replacing: 121000-3450; 56005685; 56005685ab; 59005685; 121000-3452
Servicing: Dodge; Jeep
V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 14.30, **Mount. bracket dist.** 54.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

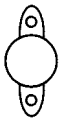



113064 Alternator

Replacing: 4557301; 5234201; 121000-3430

Servicing: Chrysler; Jeep

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.60, **Rotation** CR

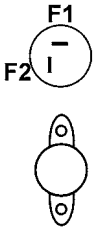



113065 Alternator

Replacing: 121000-3460; 53008646

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.55, **Rotation** CR

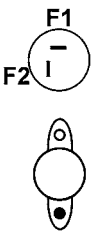



113066 Alternator

Replacing: 121000-3570; -80; 4609034; 4808034; 121000-3480; 4609090; -3; 10464146

Servicing: Chrysler; Dodge; Eagle; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 12.60, **Mount. bracket dist.** 53.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

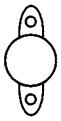



113067 Alternator

Replacing: 4609415; 121000-3510

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 22.00, **Mount. bracket dist.** 54.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.70, **Rotation** CR

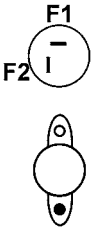



113068 Alternator

Replacing: 56005686; 121000-4120; -2

Servicing: Dodge; Jeep

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 11.80, **Mount. bracket dist.** 53.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

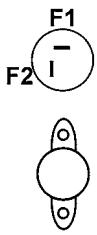



113069 Alternator

Replacing: 121000-4210; 4671320; 121000-4211

Servicing: Chrysler

V. 12, **Amp.** 125, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 22.30, **Mount. bracket dist.** 54.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.80, **Rotation** CR

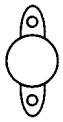



113070 Alternator

Replacing: 121000-4260; 4609230; 4609230aa; 121000-4261

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 125, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 22.25, **Mount. bracket dist.** 54.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.55, **Rotation** CR

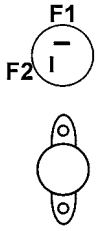



113071 Alternator

Replacing: 56027913; 121000-4170; -1; 121000-417

Servicing: Dodge; Jeep

V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 34.50, **Rotation** CR

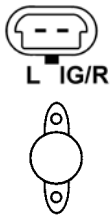



113235 Alternator

Replacing: 4686099; 4727221; 121000-4160; -1; 4727329; 4727329a; 4727329aa; 121000-4330; -1

Servicing: Chrysler; Dodge

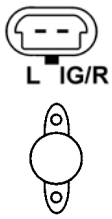
V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 35.50, **Rotation** CR





113357 Alternator

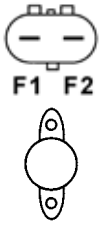
Replacing: 121000-3610; 56005684ab
Servicing: Jeep
V. 12, **Amp.** 81, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR





113358 Alternator

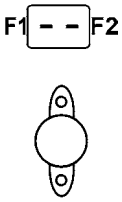
Replacing: 121000-3620; -70; 56005685ac; 56041822aa; 121000-3671
Servicing: Dodge; Jeep
V. 12, **Amp.** 117, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 13.30, **Mount. bracket dist.** 54.45, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.20, **Rotation** CR





113359 Alternator

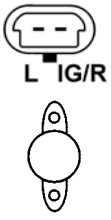
Replacing: 121000-3630; 56027912ab
Servicing: Dodge
V. 12, **Amp.** 117, **B+ / position** M6, **B+ position in min** 21, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.85, **Rotation** CR





113360 Alternator

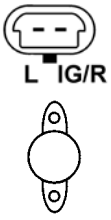
Replacing: a2tb1491; 4793692; 4793692ab; a2tb1491zc
V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 27, **Width of holder arm** 12.40, **Mount. bracket dist.** 53.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR





113362 Alternator

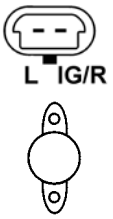
Replacing: 121000-4280; 56027221ab
Servicing: Dodge
V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR





113363 Alternator

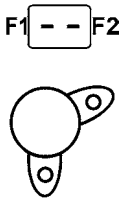
Replacing: 121000-4270; 56005686ab
Servicing: Dodge
V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 11.90, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR





113364 Alternator

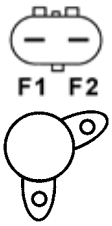
Replacing: 121000-4290; 56027913ab; 56028920ab; 121000-4350; -1
Servicing: Dodge
V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.60, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR





113365 Alternator

Replacing: 121000-4230; 4609999; 4609999AB; 121000-4231; -2; -3
Servicing: Dodge; Chrysler
V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 12.35, **Mount. bracket dist.** 68.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 26.70, **Rotation** CR

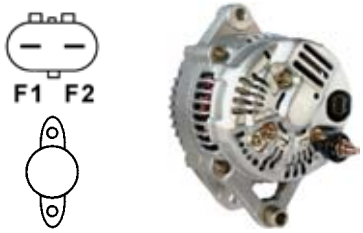




113559 Alternator

Replacing: 121000-4250; -1; -400; 121000-1670; 56041324; 56041324ac; 4910
Servicing: Dodge; Jeep
V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.50, **Mount. bracket dist.** 68.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 27.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

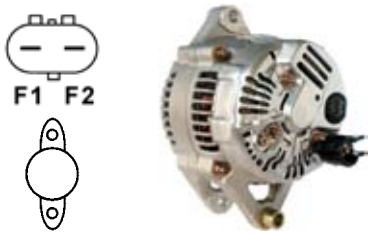


113564 Alternator

Replacing: 121000-4470; 4869; 0124525004; 56028238AB

Servicing: Dodge

V. 12, **Amp.** 136, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.60, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

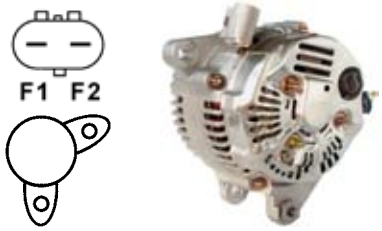


113568 Alternator

Replacing: 6004ml0002; 56028238; 4969

Servicing: Dodge

V. 12, **Amp.** 136, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 12.85, **Mount. bracket dist.** 54.70, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

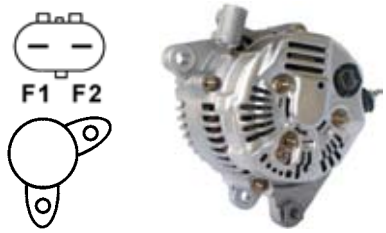


113569 Alternator

Replacing: 6004ml0001; 56041322; 4913

Servicing: Dodge; Jeep

V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.10, **Mount. bracket dist.** 68.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 27.00, **Rotation** CR



113606 Alternator

Replacing: 56028691; 4852; 121000-3650

Servicing: Dodge

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.30, **Mount. bracket dist.** 68.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 26.50, **Rotation** CR



113607 Alternator

Replacing: 56041693aa; 4980; 121000-4440; 56041693ab; 121000-4410; 5170746aa; 56041693ac; 121000-4540

Servicing: Jeep; Dodge

V. 12, **Amp.** 136, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 12.50, **Mount. bracket dist.** 68.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 26.50, **Rotation** ACR



113641 Alternator

Replacing: 56041685aa; 4963; 121000-3710

Servicing: Jeep

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.15, **Mount. bracket dist.** 68.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 26.70, **Rotation** CR

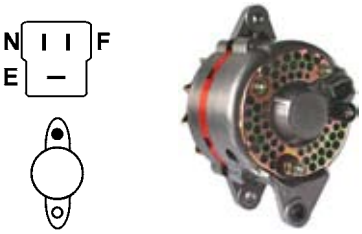
113802 Alternator

Replacing: 421000-0552; 56044380AI

Servicing: Jeep

V. 12, **Amp.** 160, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley

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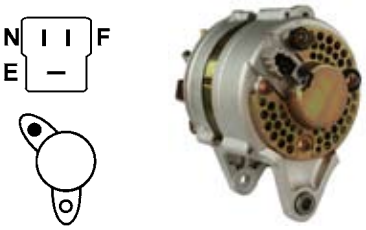
110137 Alternator

Replacing: 5812001631; -41; 021000-0081; -124; -160; -249; -250; -296; -457; -459; -503; -549; 021000-1240; -1;

Servicing: Toyota; Daihatsu; Suzuki; Komatsu; Kubota

V. 12, **Amp.** 30, **B+ / position** M5, **B+ position in min** 13, **Width of holder arm** 12.25, **Mount. bracket dist.** 67.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR

Regulator: Cargo 130627

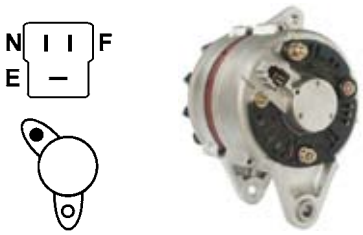


110138 Alternator

Replacing: 4n4540; 31100-657-024; 110-750; 8al2065k; 021000-0046; -7; -64; -132; -133; -134; -180; -183; -184;

Servicing: Toyota; Daihatsu; Mitsubishi; Honda

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 11.75, **Mount. bracket dist.** 75.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR

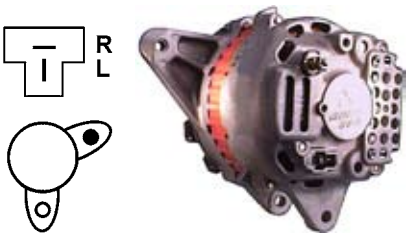


110139 Alternator

Replacing: 021000-2470; 021000-3830; -40; -950; 021000-5081; -230; -250; 021000-6550; -610; -611; -612; -630; -

Servicing: Toyota; Daihatsu

V. 12, **Amp.** 50, **B+ / position** M6,
B+ position in min 57,
Width of holder arm 12.50,
Mount. bracket dist. 76.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 43.50, **Rotation** CR
Regulator: Cargo 130627

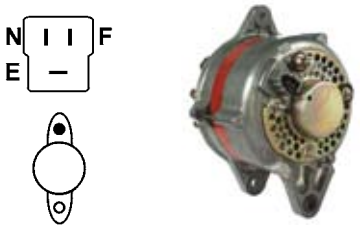


110140 Alternator

Replacing: a2t12371; -671; a2t16371; -871; a2t22771; a2t23171; a3t30271; a5t10271; a5t15171; -7; a5t16871; a5t2

Servicing: Mitsubishi; Hyundai; Dodge; Plymouth

V. 12, **Amp.** 50, **B+ / position** M5,
B+ position in min 55,
Width of holder arm 13.00,
Mount. bracket dist. 47.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 42.00, **Rotation** CR

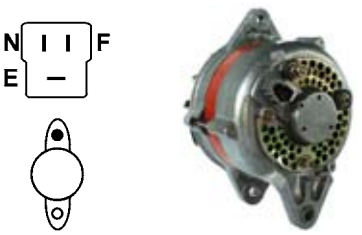


110162 Alternator

Replacing: 31100-671-004; -14; -24; 31100-673-831; 31100-689-004; -14; -910; 31100-9b2-004; 31100-pa0-663; 3110

Servicing: Honda

V. 12, **Amp.** 45, **B+ / position** M6,
B+ position in min 55,
Width of holder arm 12.00,
Mount. bracket dist. 76.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 42.50, **Rotation** ACR
Regulator: Cargo 130628

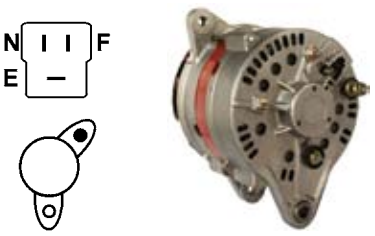


110248 Alternator

Replacing: ckz29; 021000-0140; -441; 021000-5190; 021000-8270; -1; -310; -311; 121000-0430; -1; -41; 121000-297

Servicing: VW; Toyota; Daihatsu; Honda; Isuzu; Opel; Buick

V. 12, **Amp.** 40, **B+ / position** M6,
B+ position in min 55,
Width of holder arm 12.30,
Mount. bracket dist. 75.00, **Fan** EF,
Grooves in pulley 4, **Pulley** Serpentine Pulley, **Pulley distance** 44.50, **Rotation** CR
Regulator: Cargo 130627

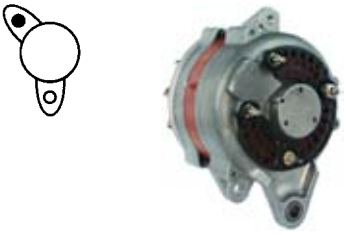


110250 Alternator

Replacing: 121000-0451; 121000-1010; -1; -2; 27020-16030; -40; 27020-63010

Servicing: Toyota

V. 12, **Amp.** 50, **B+ / position** M6,
B+ position in min 28,
Width of holder arm 12.25,
Mount. bracket dist. 66.75, **Fan** EF,
Grooves in pulley 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR
Regulator: Cargo 130627

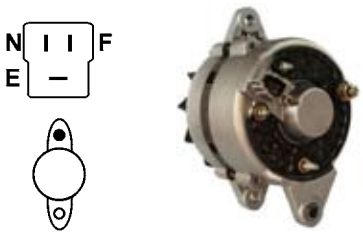


110251 Alternator

Replacing: 021000-6691; -2; 021000-7980; 021000-8220; -1; 27020-13040; -1; 27020-24100; -1; -2; 27020-25105

Servicing: Toyota

V. 12, **Amp.** 50, **B+ / position** M5,
B+ position in min 10,
Width of holder arm 12.50,
Mount. bracket dist. 75.60, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 43.25, **Rotation** CR
Regulator: Cargo 130627

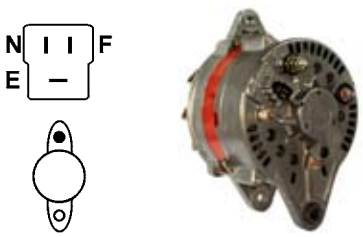


110258 Alternator

Replacing: 15411-64010; -1; 15471-64011; 021000-2840; 021000-3520; 021000-4550; 021000-5670; 021000-6370; -840;

Servicing: Toyota; Daihatsu; Suzuki

V. 12, **Amp.** 35, **B+ / position** M6,
B+ position in min 10,
Width of holder arm 12.00,
Mount. bracket dist. 67.50, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 42.00, **Rotation** CR
Regulator: Cargo 130627

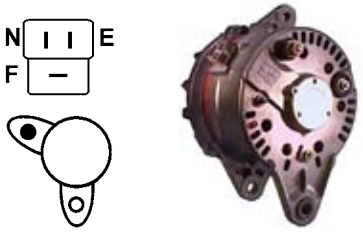


110273 Alternator

Replacing: 021000-6670; -1; -800; 021000-7910; -1; 021000-8230; -1; 27020-15010; -20; -21; -22; -30; -140; 1002

Servicing: Toyota; Daihatsu

V. 12, **Amp.** 50, **B+ / position** M6,
B+ position in min 55,
Width of holder arm 12.00,
Mount. bracket dist. 66.50, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 43.50, **Rotation** CR
Regulator: Cargo 130627



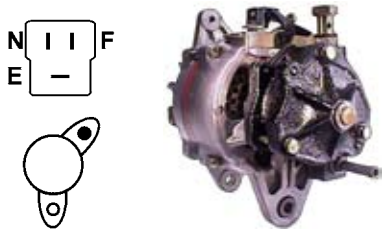
110274 Alternator

Replacing: 27020-13160-000; 021000-8090; -250; -330; 021000-9260; 121000-0490; 27020-13110; -40; -70; 27020-131

Servicing: Toyota; Daihatsu

V. 12, **Amp.** 40, **B+ / position** M6,
B+ position in min 55,
Width of holder arm 12.25,
Mount. bracket dist. 75.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 43.00, **Rotation** CR
Regulator: Cargo 130627

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

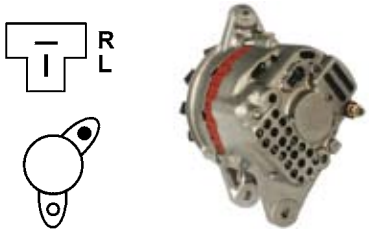


110306 Alternator

Replacing: 021000-7570; 021000-8830; -90; -92; 100210-1550; -1; -2; -3; -5; -71; -72; -73; 100210-7570; 27020-5

Servicing: Toyota

V. 12, **Amp.** 40, **Width of holder arm** 14.00, **Mount. bracket dist.** 97.35, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.70, **Rotation** CR
Regulator: Cargo 132111

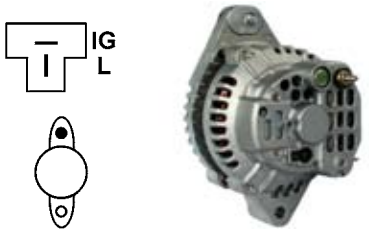


110324 Alternator

Replacing: a2t16471; a2t40671; a3t21471; a5t15471; md022579; md041705; md063781; 100211-0322

Servicing: Mitsubishi; Lada; Dodge

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 14, **Width of holder arm** 13.70, **Mount. bracket dist.** 53.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** R

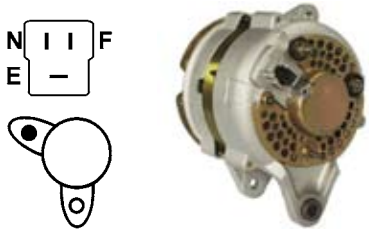


110374 Alternator

Replacing: 27060-87701-000; 27060-87704-000; 27060-87705-000; 27060-97705-000; 021000-9510; 100211-1400; -1; -2

Servicing: Daihatsu

V. 12, **Amp.** 45, **B+ / position** M5, **B+ position in min** 35, **Width of holder arm** 19.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.50, **Rotation** CR

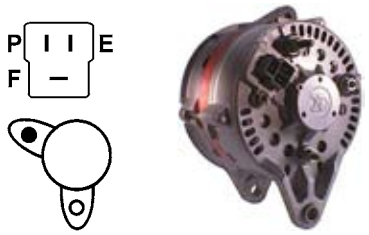


110407 Alternator

Replacing: 021000-3650; 021000-5500; -1; 021000-6660; -1; 021000-7990; 021000-9700; 27020-60031; -2; -3; -71; -

Servicing: Toyota

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 12.15, **Mount. bracket dist.** 75.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.00, **Rotation** CR
Regulator: Cargo 130627

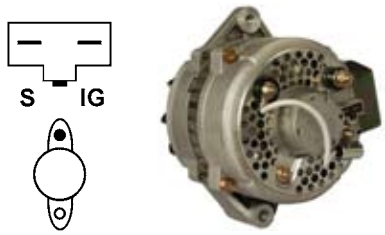


110423 Alternator

Replacing: 31100-pc6-004; cka29; 121000-0320

Servicing: Honda

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 12.00, **Mount. bracket dist.** 75.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR
Regulator: Cargo 131461

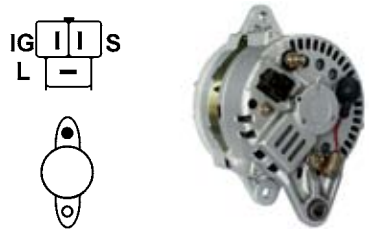


110445 Alternator

Replacing: ar87204; -5; ar93447; -8; ty6621; 110-244; 021000-7410; -20; 100211-0071; -81; -280; -281; -290; -29

Servicing: John Deere

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 50.50, **Fan** EF, **Pulley** w/o, **Rotation** CR

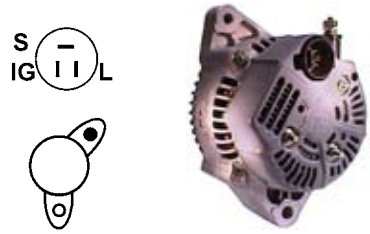


110489 Alternator

Replacing: 8941369970; 8942313070; 8942320811; -2; 100211-0440; -580; -581; 111089

Servicing: Bedford; Isuzu

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 12.00, **Mount. bracket dist.** 76.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.00, **Rotation** CR

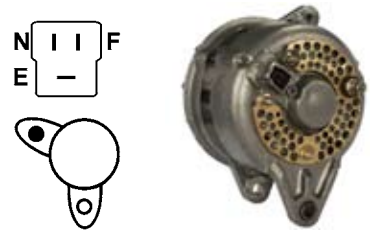


110496 Alternator

Replacing: 100211-1040; -1; -321; 100211-2280; -300; 100211-3090; -1; -400; -401; -500; -530; -560; -610; -740;

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

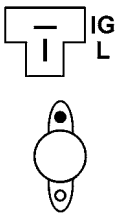


110563 Alternator

Replacing: 021000-4271; -510; 27020-10940; 27020-78601-71; 27020-96601

Servicing: Toyota

V. 24, **Amp.** 15, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 12.25, **Mount. bracket dist.** 76.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.15, **Rotation** CR
Regulator: Cargo 132628



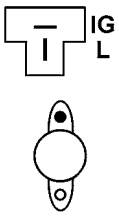


110564 Alternator

Replacing: 100211-4000; -1; -2; -3; -4; 27060-78301-71; 27060-78300-71

Servicing: Komatsu

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 20.00, **Mount. bracket dist.** 66.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.55, **Rotation** CR



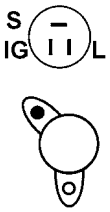


110620 Alternator

Replacing: 100211-1660; -1; -2; 27060-78001-71; 100211-4530; -700; 119620-77201; 100211-4531; am877740; 119620-

Servicing: Kubota

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 24.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.35, **Rotation** CR



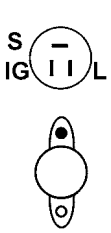


110628 Alternator

Replacing: 100211-1280; -440; -560; -600; -601; 100211-3501; 100211-4170; -280; -290; -400; 100211-6860; 27060-

Servicing: Toyota

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



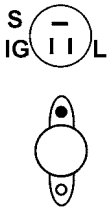


110629 Alternator

Replacing: 100211-4540; 27060-78003-71

Servicing: Toyota

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 24.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR



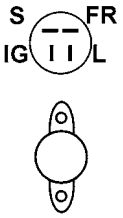


110675 Alternator

Replacing: 8941313572; 8941725860; 8944086740; 8944299990; 100211-1260; 100211-2102; -410; -450; -500; -501; 10

Servicing: Isuzu; Toyota

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 57.90, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.85, **Rotation** CR



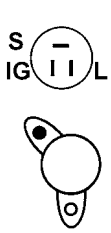


110676 Alternator

Replacing: 31100-ph3-013; 31100-ph3-0243; 100211-2130

Servicing: Honda

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.30, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



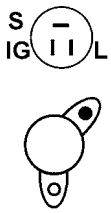


110677 Alternator

Replacing: 31100-pd2-004; -5; -14; -24; -970; -973; 31100-ph1-034; cjk09; 100211-1080; -1

Servicing: Honda

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 57.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 91.30, **Rotation** CR



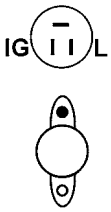


110678 Alternator

Replacing: 100211-1060; -1; -140; -141; -200; -201; -230; -231; -300; 100211-2170; -370; -380; 100211-3130; -22

Servicing: Toyota; Chevrolet; Geo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.65, **Rotation** CR





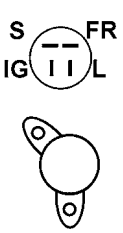
110679 Alternator

Replacing: 8941566721; 8941733341; 100211-1330; -1; 100211-2221; -31; 8-94137345-2; 100211-2230; -90; -360

Servicing: Isuzu; Opel

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 92.25, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



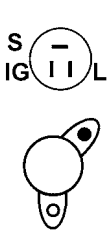


110680 Alternator

Replacing: 31100-ph7-004; 31100-ph7-0040; 31100-ph7-014; -40; 31100-pp8-014; 100211-2550; -1; 100211-7070; -1;

Servicing: Rover; Honda; Acura; Sterling

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 36, **Width of holder arm** 56.75, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 90.30, **Rotation** CR



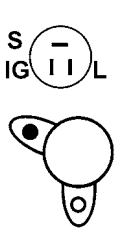


110681 Alternator

Replacing: 100211-2070; -1; 100211-3180; -1; 100211-7100; 27060-11030; 27060-16080; -1; -2; -180; 100211-2072;

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.75, **Rotation** CR



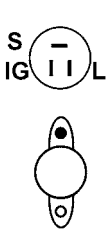


110682 Alternator

Replacing: 100211-3351; -2; 100211-7000; -1; -50; -51; 100211-8031; 27060-16122; -40; -60; -70; -230; -260; 104

Servicing: Toyota; Geo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.70, **Rotation** CR



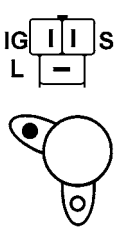


110683 Alternator

Replacing: 8944410681; 8944740192; 100211-3380; 100211-7012; -950; -951; -952; 100211-3640

Servicing: Isuzu; Geo

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 58.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 91.30



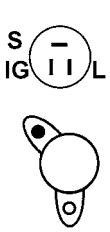


110684 Alternator

Replacing: 100213-0260; -80; -300; -610; -750; -760; -850; -860; -950; -960; 121000-1290; 27020-64080; -100; 27

Servicing: Toyota

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 14.30, **Mount. bracket dist.** 61.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 33.65, **Rotation** CR



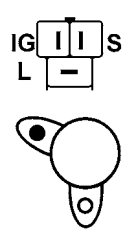


110685 Alternator

Replacing: 27040-64052-000; 27040-64150-000; 100213-0451; -710; -740; -745; 100213-1260; 27040-64050; -1; 27060

Servicing: Toyota

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 70.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 147.00, **Rotation** CR



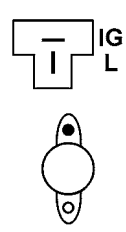


110686 Alternator

Replacing: 100213-1120; -210; -450; 27040-64130; -1; -40; -41; 4849155; -7

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.25, **Rotation** CR



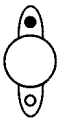


110696 Alternator

Replacing: lr140-701; -3; -5; lr145-701; lr145-701b; -c; -f; lr145-701ga; -b; lr145-710; 8970887070; a7t30271;

Servicing: Subaru

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.00, **Rotation** CR

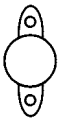



110801 Alternator

Replacing: 0r5217; 3n2706; 3t6352; 3y6691; 5n5692; 6n9294; 7n9720; 9g8255; 3016627rx; 3604676rx; 3923550; 11176

Servicing: International; Fiat-Allis; Cummins; Caterpillar; Atlas Copco; Case

V. 24, **Amp.** 45, **B+ / position** 1/4" UNF, **B+ position in min** 55, **Width of holder arm** 14.80, **Mount. bracket dist.** 101.70, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
Replacing: 20 SI. R-Terminal 8-32(W).




110882 Alternator

Replacing: 0120489106; -45; -761; -762; -765; 4152612; 46231751; 4711700; 4721587; 4808498; 5101645; 77028550;

Servicing: Fiat; Iveco; Alfa Romeo; Lamborghini; Same

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 16.25, **Mount. bracket dist.** 63.35, **Fan** w/o, **Pulley** w/o, **Rotation** CR

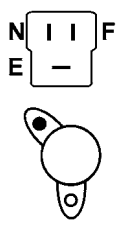



110927 Alternator

Replacing: 31100-pe0-003; -4; -13; -14; -20; -23; -24; -34; -44; -924; cha08; -19; -33; peo014; -34; a1t01591;

Servicing: Rover; Honda

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 57.90, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 90.45, **Rotation** CR

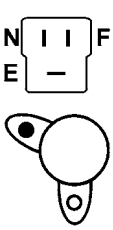



110929 Alternator

Replacing: 27030-87706-000; 27030-87707-000; 100210-2710; -20; 100210-3230; -40; 121000-0840; -50; 27030-87701;

Servicing: Daihatsu

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 14.15, **Mount. bracket dist.** 67.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.40, **Rotation** CR
Regulator: Cargo 132111

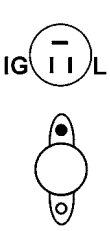



110930 Alternator

Replacing: 100210-2760; 121000-0950; 27020-64060; 27030-64050; 27040-64136

Servicing: Toyota

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.43, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.12, **Rotation** CR
Regulator: Cargo 132111

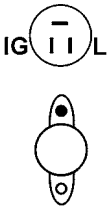



110965 Alternator

Replacing: 100211-1410; -1; -550; 100211-4070; -1; 100211-6270; 31400-82610; -1; 31400-83010; 31400-86010

Servicing: Suzuki; Chevrolet; Pontiac

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 20.00, **Mount. bracket dist.** 66.88, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.15, **Rotation** CR

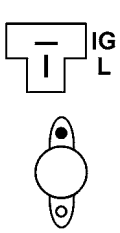



110967 Alternator

Replacing: 100211-1570; -1; 100211-6721; -600; -10; 31400-60b11; 100211-672; 31400-60b40; 100211-6720; 113082;

Servicing: Suzuki; Chevrolet; Geo; Pontiac

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 19.90, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.30, **Rotation** CR

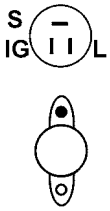



111017 Alternator

Replacing: 100211-4210; 27070-23000-71

Servicing: Toyota

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 20.00, **Mount. bracket dist.** 67.30, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.30, **Rotation** CR




111018 Alternator

Replacing: 100211-6930; -1; -60; -61; -70; 27060-78305-71; 27070-23001-71; 27060-76305; 27060-78305

Servicing: Toyota

V. 12, **Amp.** 50, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 20.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR



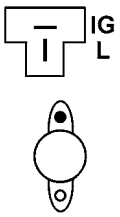

111042 Alternator

Replacing: a1t11574; a1t22074; ah2025m4; ah2035m4; md017645; 021000-6980

Servicing: Iseki; Mitsubishi

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 12.10, **Mount. bracket dist.** 66.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



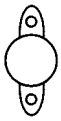


111048 Alternator

Replacing: 600-821-2350; 15881-64200; -1; 16231-64011; 16705-64011; 34070-75601; 100211-1630; 100211-4528; -640

Servicing: Daihatsu; Piaggio; Iseki; Kubota

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 24.40, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.70, **Rotation** CR



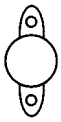

111191 Alternator

Replacing: 5223449; 5233417; -49; -949; 5243449; -949; 121000-2430; 121000-3000; -100; -310; -360; -900; 523367

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 21, **Width of holder arm** 11.80, **Mount. bracket dist.** 55.15, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

Regulator: Cargo 131280



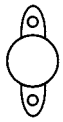

111192 Alternator

Replacing: 5233599; -660; 5234651; 121000-4010; -30; -90; -100; -110

Servicing: Citroen; Chrysler; Plymouth; Dodge

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 21, **Width of holder arm** 12.30, **Mount. bracket dist.** 54.75, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.45, **Rotation** CR

Regulator: Cargo 131280



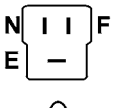

111193 Alternator

Replacing: 5233416; 5234026; -7; -31; 56005684; 121000-3340; -80; -81; -410; -420; -440; 5233718

Servicing: Chrysler; Jeep; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 12.65, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

Regulator: Cargo 131280





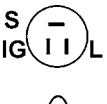
111195 Alternator

Replacing: 15621-64010; -1; 15763-64010; -1; -2; 121000-0600; -980

Servicing: Kubota

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 11.85, **Mount. bracket dist.** 67.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.45, **Rotation** CR

Regulator: Cargo 130627



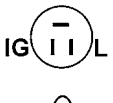


111215 Alternator

Replacing: 11.201.989; re37201; re44140; ty6684; 100211-6030; -1; -50; -51; AAK5197; al60033; AL78690; AL81437;

Servicing: John Deere

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 57.65, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 94.60, **Rotation** CR



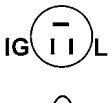


111278 Alternator

Replacing: 27060-87707-000; 27060-87709-000; 100211-6040; -640; -790

Servicing: Daihatsu

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 58.25, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.00, **Rotation** CR



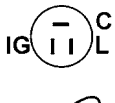


111279 Alternator

Replacing: 9120334317; -8; a1t01791; a1t02991; a1t03191; a1t03191zc; a1t04495; a5t07091; a5t07091zc; a7t00191;

Servicing: Suzuki; Chevrolet; Geo; Pontiac

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 20.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR



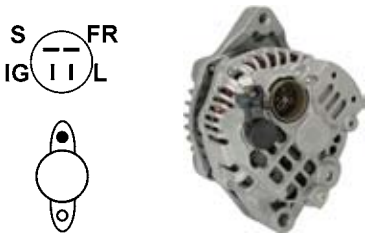


111281 Alternator

Replacing: 31100-pc0-9230; 31100-pm4-y0030; 31100-pp2-e02; ahga01; -2; cha12; -48; -49; a1t02091; -191; a1t0469

Servicing: Honda

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

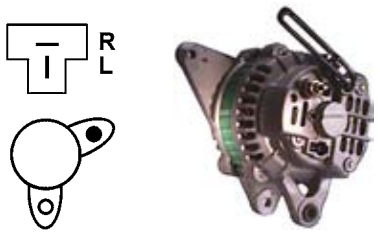


111285 Alternator

Replacing: 31100-p04-g034; 31100-pr5-0030; ahga17; -8; cjn42; -q20; a5t04072; -92; -292; a5t06291; -391; a5t063

Servicing: Honda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.30, **Rotation** ACR

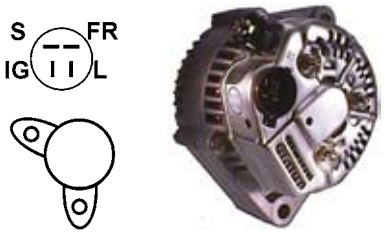


111297 Alternator

Replacing: 37300-11501; -10; -20; 37300-21000; -310; -340; hab155100; ar155ba; a1t41991; a2t04191; a2t41991; a2

Servicing: Mitsubishi; Hyundai; Dodge; Plymouth

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 53, **Width of holder arm** 13.35, **Mount. bracket dist.** 47.95, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.40, **Rotation** CR

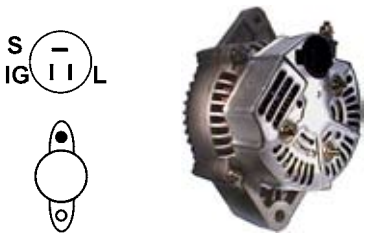


111394 Alternator

Replacing: 31100-p12-a01; 31100-p14-a020m; 31100-pt2-003; 31100-pt3-a01; 31100-pt3-a511m; 31100-pt3-q01; cjp16;

Servicing: Honda

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 56.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00

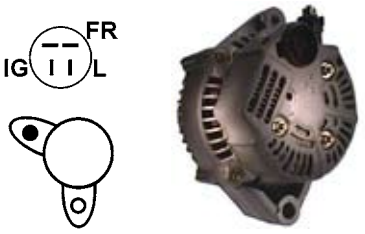


111428 Alternator

Replacing: 100211-1030; -90; -91; -150; -500; 100211-2000; -1; -80; -110; -250; -510; 100211-3200; -680; 100211

Servicing: Toyota; Daihatsu

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

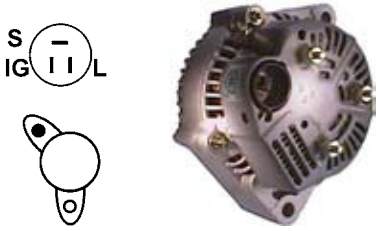


111429 Alternator

Replacing: 31100-pd6-004; -14; 31100-pj0-306; -661; -662; -663; cjk22; -35; 100211-2010; -1; -140; -141

Servicing: Honda

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** CR

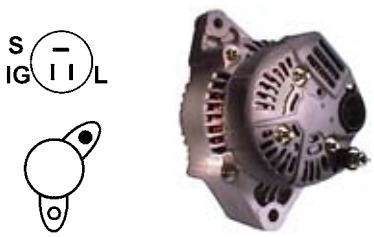


111432 Alternator

Replacing: 31100-pk1-001; 31100-pk1-0147; 31100-pk2-014; cjk87; -n61; -n84; 100211-3300; 100211-7530; -760; 100

Servicing: Honda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 57.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.25, **Rotation** CR

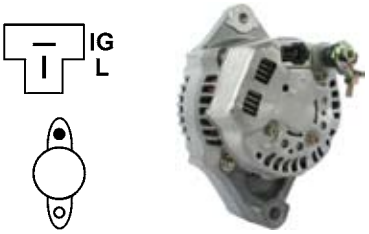


111435 Alternator

Replacing: 100211-7640; -70; -780; -910; -911; 100211-8330; -40; -470; -590; -810; 101211-5210; -20; 27060-7411

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

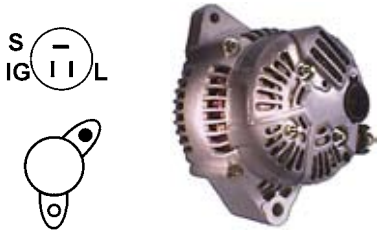


111437 Alternator

Replacing: 27060-87601-000; 27060-87602-000; 100211-5730; 100211-6660; -730

Servicing: Daihatsu; Piaggio

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 6, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 95.75, **Rotation** CR



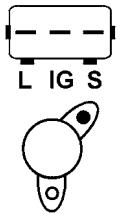
111439 Alternator

Replacing: 100211-2830; -40; -60; 100211-8560; 101211-5360; 27060-03010; 27060-42060; 27060-43130; -40; 27060-7

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



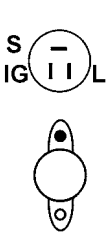


111468 Alternator

Replacing: 0123325000; -3; -13; 101211-5010; -230; 101211-9510; -80; -670; 27060-03040; -60; 27060-74360; -410;

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



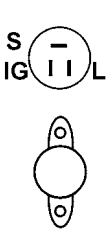


111480 Alternator

Replacing: 100211-3321; 100211-7461; -930

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 93.40, **Rotation** CR



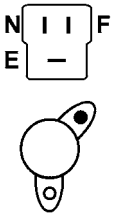


111482 Alternator

Replacing: 100211-8860; 100211-9880; 27060-76040; -50; 100211-8861

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.00, **Rotation** CR



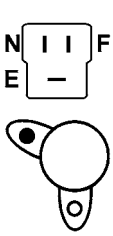


111483 Alternator

Replacing: 100210-3350; -60; -400; -460; -580; -680; -770; -810; 27020-54250; 27030-54190; -241; -242; -243; -2

Servicing: VW; Toyota

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.50, **Mount. bracket dist.** 97.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 51.50, **Rotation** CR
Regulator: Cargo 132627



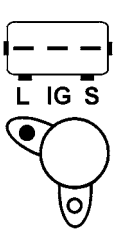


111484 Alternator

Replacing: 021000-9980; 100210-2290; 27020-56180; 27030-56150

Servicing: Toyota

V. 24, **Amp.** 50, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 14.20, **Mount. bracket dist.** 96.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 63.00, **Rotation** CR
Regulator: Cargo 135376



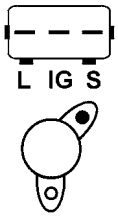


111507 Alternator

Replacing: 101211-5100; -20; 27060-64080; -100

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 53.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 96.00, **Rotation** CR



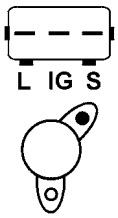


111517 Alternator

Replacing: 101211-0070; -1; -2; -100; -170; -380; -510; -851; 101211-4160; -1; -420; 27060-16320; -50; 27060-74

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.70, **Rotation** CR



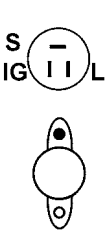


111518 Alternator

Replacing: 101211-0340; -1; -2; -430; -431; -432; -740; -741; 101211-5150; -970; 102211-5090; 27060-11170; -270

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.00, **Rotation** CR



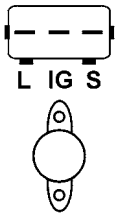


111536 Alternator

Replacing: 100211-7861; 100211-8392; -490; 27060-76010; -20; -30; 100211-8390

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



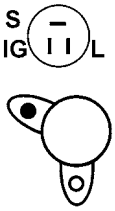


111537 Alternator

Replacing: 101211-0580; 101211-5720; 27060-76070; -80

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 4, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** CR



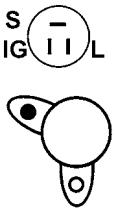


111538 Alternator

Replacing: 100211-8380; 27060-74170; 100211-8060; 100211-7820; 27060-74160; 100211-8381

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.75, **Rotation** CR



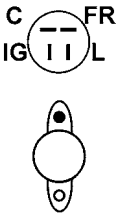


111577 Alternator

Replacing: 31100-ph1-004; -14; -24; 31100-ph1-0242; 31100-ph2-j010m; cjk36; 100211-2150; -1; 100211-7250

Servicing: Honda

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



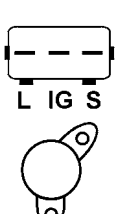


111578 Alternator

Replacing: 31100-pm5-a01; 31100-pm5-a010; -70; 31100-pm8-a01; 31100-pm8-a010; 31100-pw1-g01; ahga03; cha50; -1;

Servicing: Rover; Honda

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.25, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** CR





111579 Alternator

Replacing: 100211-8991; 101211-0060; -1; -2; -120; -180; -181; 101211-5020; -80; -240; 27060-02040; 27060-15080

Servicing: Toyota; Geo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 28.30, **Mount. bracket dist.** 44.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR



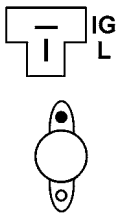


111580 Alternator

Replacing: 100211-3430; -1; 100211-7180; 27060-65010; -20

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 91.00, **Rotation** CR



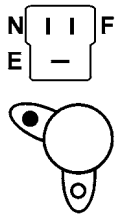


111595 Alternator

Replacing: 27060-87104-000; 100211-3980

Servicing: Daihatsu

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR





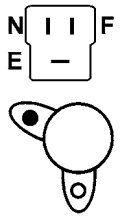
111596 Alternator

Replacing: 100210-2302; -980; 121000-0041; 121000-1770; 27020-68040; -130; 27030-68040; -120

Servicing: Toyota

V. 24, **Amp.** 25, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 14.20, **Mount. bracket dist.** 106.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 65.80, **Rotation** CR

Regulator: Cargo 132628





111597 Alternator

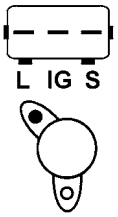
Replacing: 100210-2960; 121000-1720; 27020-56320; 27030-56320

Servicing: Toyota

V. 24, **Amp.** 30, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 13.75, **Mount. bracket dist.** 97.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 64.00, **Rotation** CR

Regulator: Cargo 132628

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



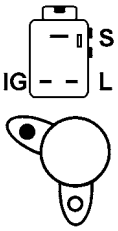


111598 Alternator

Replacing: 101211-5130; 27060-64130

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 53.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 96.00, **Rotation** CR



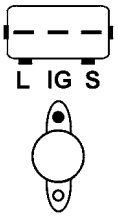


111599 Alternator

Replacing: 100213-1560; 27020-64310; 27040-64200

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 33.50, **Rotation** CR



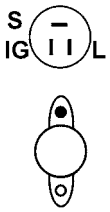


111601 Alternator

Replacing: 100211-5250; 100213-1900; -11; 27040-54320; -40; 27060-54210; 100213-1910

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 70.15, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 146.50, **Rotation** CR



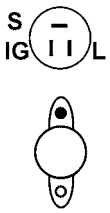


111603 Alternator

Replacing: 100211-7170; 27060-58020; -90; 100211-7370

Servicing: Toyota

V. 24, **Amp.** 30, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 95.00, **Rotation** CR



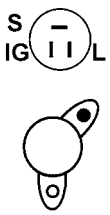


111604 Alternator

Replacing: 27060-87706-000; 100211-4350; -1

Servicing: Daihatsu

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 24.00, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 41.50, **Rotation** CR



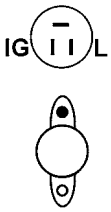


111605 Alternator

Replacing: 100211-5090; 100213-0941; 100213-1011; -50; -130; -140; -150; -230; -240; 27040-54130; -60; -90; -91

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 69.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 146.50, **Rotation** CR



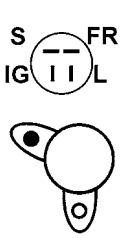


111606 Alternator

Replacing: 100211-2200; -1; 31400-82110; -1

Servicing: Suzuki

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 20.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



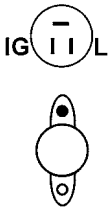


111609 Alternator

Replacing: 31100-pk2-0031; -40; -146; 31100-pk3-a0100; -10; 31100-pk3-a020; cjk88; -n85; -n89; 100211-3310; -1;

Servicing: Honda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 56.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** ACR



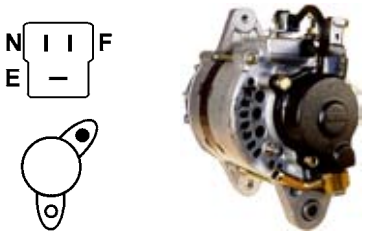


111610 Alternator

Replacing: 27060-87608-000; 27060-87714-000; 27060-87721-000; 100211-9310; 101211-2100; 101211-3200; 100211-699

Servicing: Daihatsu

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** CR



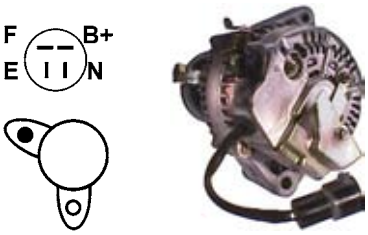
111613 Alternator

Replacing: 021000-9851; -930; 100210-2210; -1; -50; -51; -570; -860; -861; -991; 121000-0670; 27020-56110; -230

Servicing: Toyota

V. 24, **Amp.** 50, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 96.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 63.50, **Rotation** CR

Regulator: Cargo 135376

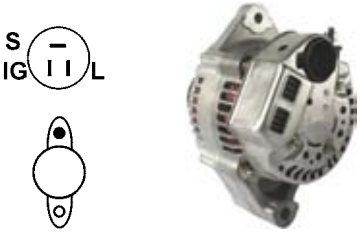


111615 Alternator

Replacing: 100210-3381; -410; -470; -480; 27030-64111; -20; -30; -40

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 48, **Width of holder arm** 70.30, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 143.85, **Rotation** CR

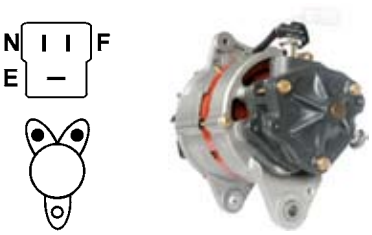


111616 Alternator

Replacing: 100211-4160; -410; 27060-72080; -1; -110; -111; 27060-58010

Servicing: Toyota; Daihatsu

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.90, **Rotation** CR

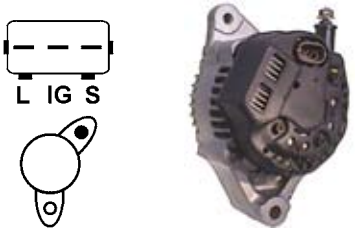


111617 Alternator

Replacing: 100210-0441; -2; -82; 100210-1390; -1; -401; -421; -531; 27030-46034; 27030-47023; -40; 27030-56011;

Servicing: Toyota

V. 24, **Amp.** 20, **B+ / position** 8.0, **B+ position in min** 50, **Width of holder arm** 14.10, **Mount. bracket dist.** 106.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 62.50, **Rotation** CR

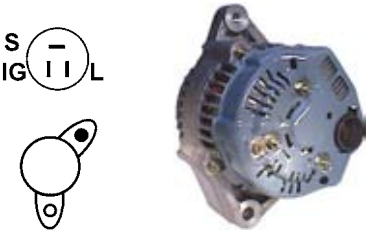


111678 Alternator

Replacing: 101211-2130; 101211-3030; 27060-11250; -60

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.30, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

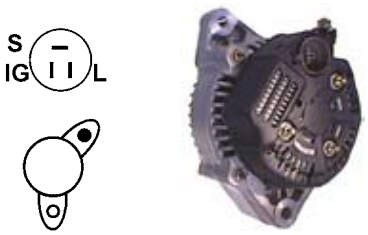


111705 Alternator

Replacing: 100211-1000; -1; -10; -11; -170; -171; 100211-2021; -40; -480; 100211-3040; -60; -100; -101; -150; -

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

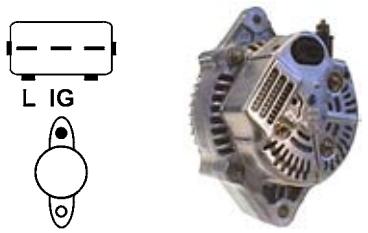


111729 Alternator

Replacing: 100211-7210; -870; 27060-11041

Servicing: Toyota

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

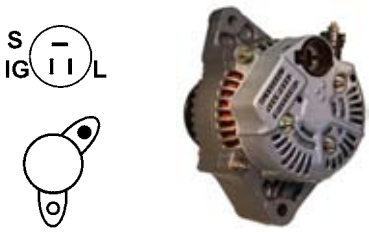


111779 Alternator

Replacing: a5ta6191; 101211-0722; -3; 102211-5020; -280; 31400-60g10; -1; -2; -3; 31400-83e00; 101211-0720; 102

Servicing: Suzuki; Mercedes-Benz

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.70, **Rotation** CR



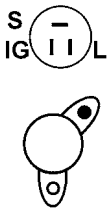
111780 Alternator

Replacing: 100211-7840; 27060-17020

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 92.00, **Rotation** CR

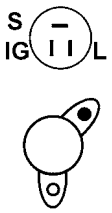
Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





111781 Alternator

Replacing: 100211-8410; 27060-17030
Servicing: Toyota
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 92.00, **Rotation** CR





111782 Alternator

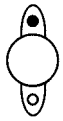
Replacing: 100211-7850; 27060-17060
Servicing: Toyota; Mitsubishi
V. 24, **Amp.** 30, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 92.00, **Rotation** CR





111795 Alternator

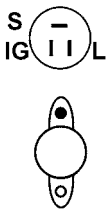
Replacing: 1090085; 1097305; 98ab10300gc; -d; -e; -f; -g; -j; 63321679; 63341679; 63321279; -697; 63341797; 98A
Servicing: Ford
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 72.00, **Mount. bracket dist.** 53.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 12.50, **Rotation** CR





111796 Alternator

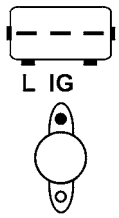
Replacing: 7n4784; -7; 7n6118; 021000-8420; 100211-0010; -4; -230
Servicing: Caterpillar
V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.50, **Mount. bracket dist.** 73.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.50, **Rotation** CR





111830 Alternator

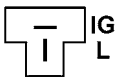
Replacing: re46608; ty6762; 100211-6420
Servicing: John Deere
V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 90.50, **Rotation** CR





111950 Alternator

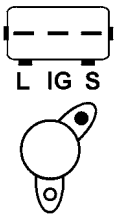
Replacing: 101211-9180; 31400-77e10
Servicing: Suzuki
V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 88.55, **Rotation** CR





111951 Alternator

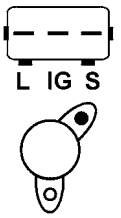
Replacing: 27060-87211-000; 27060-87212-000; 100211-4621; -30; -31
Servicing: Daihatsu
V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 24.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR





111960 Alternator

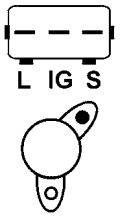
Replacing: 100213-1920; 27040-54350; 100213-2280; -440; -450; -460; -520; -660
Servicing: Toyota
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 70.10, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 147.00, **Rotation** CR





111961 Alternator

Replacing: 100213-1740; mgl4005; 27040-54290
Servicing: Toyota
V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 70.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 146.50, **Rotation** CR



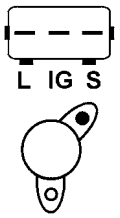


111963 Alternator

Replacing: 100213-2240; -1; -50; -500; 27040-54370; -80; -410; -450; 100213-1770; 100213-2350; -1; -471; -580;

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 69.40, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 146.50, **Rotation** CR



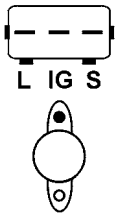


111964 Alternator

Replacing: 101211-7060; 27060-74440; -500; 101211-7160

Servicing: Toyota

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00



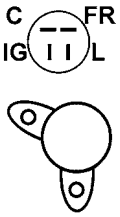


111965 Alternator

Replacing: 101211-5110; 27060-62090

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.00, **Rotation** CR



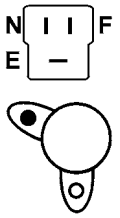


112032 Alternator

Replacing: 31100-p0a-aa010; 31100-p1e-a010; cjs50; 5862025850; 5862052600; 101211-5490; 101211-9120

Servicing: Honda; Acura; Isuzu

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 56.5, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.0





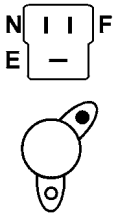
112048 Alternator

Replacing: 021000-8920; 27020-22000-71

Servicing: Toyota

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 12.00, **Mount. bracket dist.** 67.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR

Regulator: Cargo 130627 electronic, Cargo 135661 mechanic





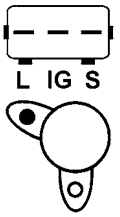
112054 Alternator

Replacing: 100210-3660; -760; -840; 121000-8230; 27020-54383; 27030-54251; -2; -3

Servicing: Toyota

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 14.50, **Mount. bracket dist.** 97.75, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 52.70, **Rotation** CR

Regulator: Cargo 135662



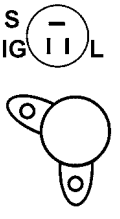


112063 Alternator

Replacing: 101211-0971; -2; 102211-5001; -2; 27060-67070; -110; 101211-0970

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 48, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 94.00, **Rotation** CR



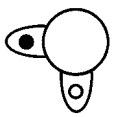


112064 Alternator

Replacing: cjp28; 100211-8270; -700

Servicing: Honda

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 56.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.35, **Rotation** CR



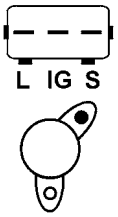

112072 Alternator

Replacing: 0124515019; -54; 102211-0500; 8601699; 9459077; -92; 9472908; 8601841

Servicing: Volvo

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 37, **Width of holder arm** 20.20, **Mount. bracket dist.** 109.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 45.00, **Rotation** ACR

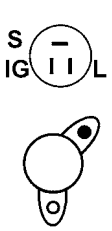
Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





112101 Alternator

Replacing: 101211-5460; 27060-74430
Servicing: Toyota
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.50, **Rotation** CR





112102 Alternator

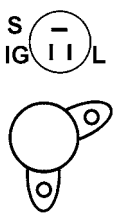
Replacing: 100211-6110; -360; 27060-74180; -330
Servicing: Toyota
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR





112142 Alternator

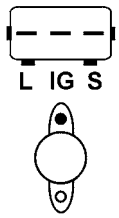
Replacing: 1079312; 98ab10300ja; -b; 63321746; -823; 63341746; 63377404; 1M5T10300BA; 98AB10300JC; -HE; -D; -F;
Servicing: Ford
V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 63.20, **Fan** IF, **Pulley** w/o, **Rotation** CR





112181 Alternator

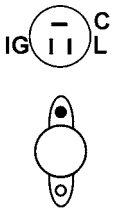
Replacing: 100211-6410; 27060-50040
Servicing: Lexus
V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 58.25, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 90.40, **Rotation** CR





112211 Alternator

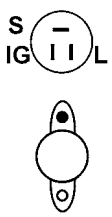
Replacing: 101211-0600; 27060-58220
Servicing: Toyota
V. 24, **Amp.** 30, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 95.00, **Rotation** CR





112212 Alternator

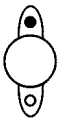
Replacing: 27060-87719-000; 101211-0370
Servicing: Daihatsu
V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR





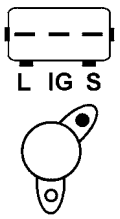
112252 Alternator

Replacing: 100211-6940; -1; -50; -51; 27060-23061-71; 27060-78304-71
Servicing: Toyota
V. 24, **Amp.** 25, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 20.10, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.00, **Rotation** CR




112261 Alternator

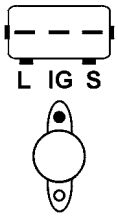
Replacing: 4n3986; 3000347rx; 10459002; 1117734; -46; -805; 100211-0890; 1117831; 0R5203; 10459057; 1117836; -8
Servicing: Caterpillar
V. 24, **Amp.** 75, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.75, **Fan** EF, **Insulator** D, **Pulley** w/o
Replacing: 30Si.





112356 Alternator

Replacing: 101211-5260; -1; 27060-17170; -1
Servicing: Toyota
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 93.00, **Rotation** CR



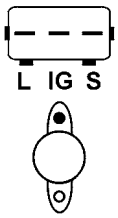


112357 Alternator

Replacing: 101211-0521; -2; 102211-5052; 27060-75100; -50; 102211-5050; -1

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



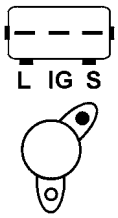


112358 Alternator

Replacing: 101211-0540; -1; -2; 101211-4370; 102211-5200; 27060-75030; -190; 27060-78154-71

Servicing: Toyota

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** CR



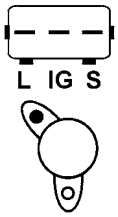


112360 Alternator

Replacing: 101211-0270; 27060-17160

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 4, **Width of holder arm** 58.30, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 93.50, **Rotation** CR



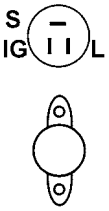


112363 Alternator

Replacing: 101211-9520; 27060-64270

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 53.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 96.00, **Rotation** CR



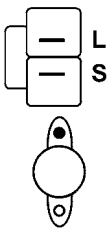


112491 Alternator

Replacing: 101211-3020; -1; 821663; 821663-1

Servicing: Mercury; Mariner; Perkins

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 21.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00



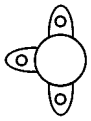


112531 Alternator

Replacing: a2t09291; -392; a2t43691; a2t48691; md102085; md111148; -9; 101211-0560; 327121A1

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **Amp.** 60, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.45, **Rotation** CR

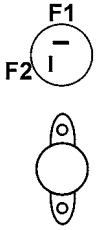



112557 Alternator

Replacing: 0120465012; 0123213006; 0123500004; 0123505014; 0123545001; -3; b120510078; -9; 101211-5570; -1; 770

Servicing: Volvo; Renault

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 21.00, **Mount. bracket dist.** 55.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.80, **Rotation** CR



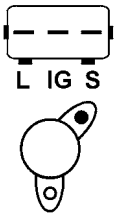


112583 Alternator

Replacing: 4686098; 4727220; 121000-3520; -1; -3

Servicing: Chrysler

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR





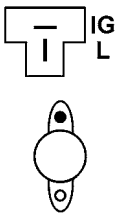
112669 Alternator

Replacing: 101211-5300

Servicing: Yanmar

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.30, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 92.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





112721 Alternator

Replacing: 101211-2850

Servicing: Kubota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 22.80, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.75, **Rotation** CR



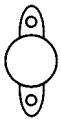


112746 Alternator

Replacing: 0120469784; -5; -6; -7; 100211-8370; 1398327; 5003804

Servicing: Volvo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 71.15, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 93.00, **Rotation** CR



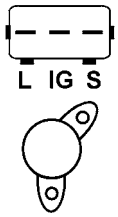


112833 Alternator

Replacing: 56027912; 121000-3530; -1; 56007912

Servicing: Dodge; Jeep

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR





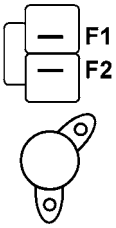
112860 Alternator

Replacing: 10463398; 10480095; 321-1018; 27060-02050; 0123325002; -12; -14; 27060-02060; -1; -100; 101211-9280;

Servicing: Toyota; Geo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** Single, **Width of holder arm** 28.00, **Mount. bracket dist.** 42.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR

Replacing: CS121.



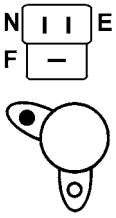


113027 Alternator

Replacing: 4609300; 4609300ac; a3ta4191; a3ta4191zc; A3T14292; 4606622aa; 4996; 421000-0120; 4883; 4609075; 468

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 13.30, **Mount. bracket dist.** 60.25, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.40, **Rotation** CR



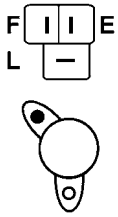


113048 Alternator

Replacing: 27020-26100; 27020-34050; 27020-38040; -1; 021000-6010; -20; -30; 27020-26091; -101; 27020-35040; 27

Servicing: Toyota

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 12.30, **Mount. bracket dist.** 75.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR





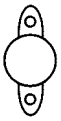
113049 Alternator

Replacing: 021000-8570; 27020-35050

Servicing: Toyota

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 12.00, **Mount. bracket dist.** 75.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR

Regulator: Cargo 233531



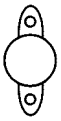


113050 Alternator

Replacing: 5227672; 121000-2680

Servicing: Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 38.50, **Rotation** CR



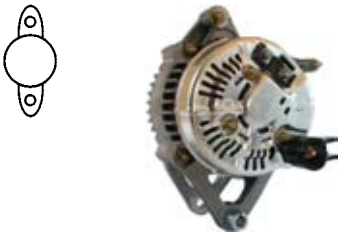


113051 Alternator

Replacing: 5233608; 121000-4000; -50

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.75, **Fan** IF, **Grooves in pulley** 4, **Pulley** Double Pulley, **Pulley distance** 32.80, **Rotation** CR

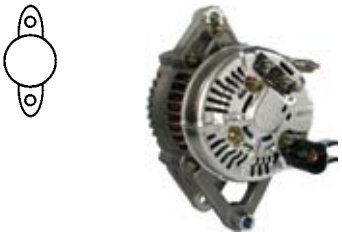


113052 Alternator

Replacing: 5252539; 121000-3300; 523318; 5233418

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 32.70, **Rotation** CR



113053 Alternator

Replacing: 5233672; 121000-3330; -200; -4

Servicing: Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.90, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 37.85, **Rotation** CR

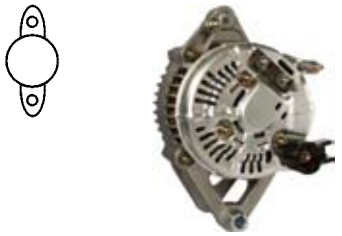


113054 Alternator

Replacing: 5234028; 121000-3370

Servicing: Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 38.00, **Rotation** CR



113055 Alternator

Replacing: 5234029; 121000-3390

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

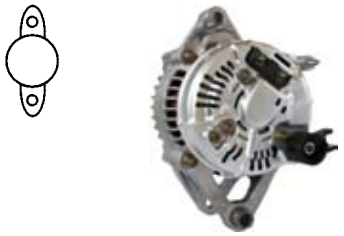


113056 Alternator

Replacing: 5234032; 121000-3400

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



113057 Alternator

Replacing: 53008647; 121000-3470

Servicing: Chrysler; Jeep; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.60, **Mount. bracket dist.** 55.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR



113058 Alternator

Replacing: 5234199; -208; 121000-4040

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.40, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

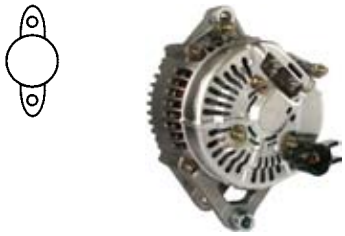


113059 Alternator

Replacing: 5234260; 121000-4060

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR



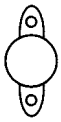
113060 Alternator

Replacing: 5234033; 121000-4070

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 11.90, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

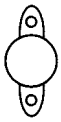



113061 Alternator

Replacing: 5234374; 121000-4080; -150; 56027221; 121000-4151

Servicing: Dodge

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.20, **Mount. bracket dist.** 53.80, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

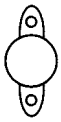



113062 Alternator

Replacing: 121000-4130; 53008651

Servicing: Dodge; Jeep

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

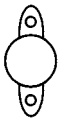



113063 Alternator

Replacing: 121000-3450; 56005685; 56005685ab; 59005685; 121000-3452

Servicing: Dodge; Jeep

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 14.30, **Mount. bracket dist.** 54.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

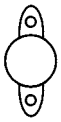



113064 Alternator

Replacing: 4557301; 5234201; 121000-3430

Servicing: Chrysler; Jeep

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.60, **Rotation** CR

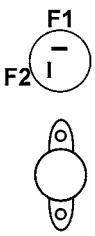



113065 Alternator

Replacing: 121000-3460; 53008646

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.55, **Rotation** CR

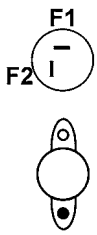



113066 Alternator

Replacing: 121000-3570; -80; 4609034; 4808034; 121000-3480; 4609090; -3; 10464146

Servicing: Chrysler; Dodge; Eagle; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 12.60, **Mount. bracket dist.** 53.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

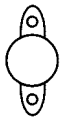



113067 Alternator

Replacing: 4609415; 121000-3510

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 22.00, **Mount. bracket dist.** 54.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.70, **Rotation** CR

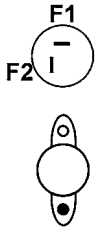



113068 Alternator

Replacing: 56005686; 121000-4120; -2

Servicing: Dodge; Jeep

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 11.80, **Mount. bracket dist.** 53.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

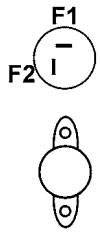



113069 Alternator

Replacing: 121000-4210; 4671320; 121000-4211

Servicing: Chrysler

V. 12, **Amp.** 125, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 22.30, **Mount. bracket dist.** 54.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.80, **Rotation** CR



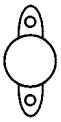


113070 Alternator

Replacing: 121000-4260; 4609230; 4609230aa; 121000-4261

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 125, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 22.25, **Mount. bracket dist.** 54.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.55, **Rotation** CR

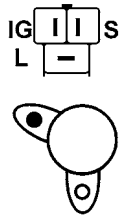



113071 Alternator

Replacing: 56027913; 121000-4170; -1; 121000-417

Servicing: Dodge; Jeep

V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 34.50, **Rotation** CR



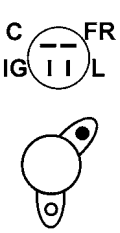


113072 Alternator

Replacing: 100211-0690; 27020-28030; 27060-28030; 27060-35020; -40; 321-1276; 100211-0520; -620

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 12.00, **Mount. bracket dist.** 75.24, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR



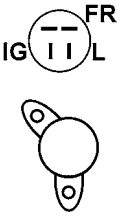


113073 Alternator

Replacing: 100211-3690; cha60; 31100-pg7-j01; -2

Servicing: Acura

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 5, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 90.50, **Rotation** CR/ACR



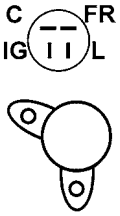


113074 Alternator

Replacing: 31100-pr4-a01; -2; cjn41; 100211-7330; 31100-pr-a020; 100211-7331; 100211-8610; -1; 100211-7320; 104

Servicing: Honda; Acura

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.35, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.60, **Rotation** CR



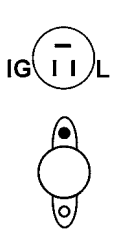


113075 Alternator

Replacing: 31100-p0b-a01; cjs51; 101211-5500

Servicing: Honda

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 56.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.00, **Rotation** ACR



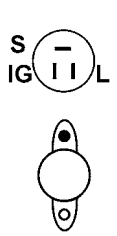


113076 Alternator

Replacing: 2911232160; 8970348990; -1; -2; 8971211800; 100211-9730; -1; -2; 101211-0830; 97034899; 97121180

Servicing: Isuzu

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 91.20, **Rotation** CR



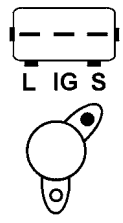


113077 Alternator

Replacing: 100211-203; 100211-2030; -1; 100211-316; 100211-3160; 100211-355; 100211-3550; 27060-35060; -1; -71;

Servicing: VW; Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.75, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 92.60, **Rotation** CR





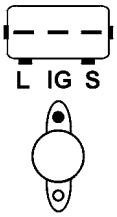
113078 Alternator

Replacing: 101211-527; 101211-5270; 27060-66070

Servicing: Lexus; Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 91.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



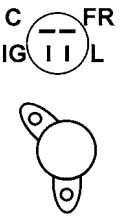


113079 Alternator

Replacing: 101211-013; 101211-0130; 27060-65040

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 57.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.00, **Rotation** CR





113080 Alternator

Replacing: 101211-5410; -30; 31100-p75-003; cjs42; -6; 31100-p72-003; cjs44

Servicing: Acura

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** ACR

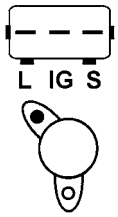



113081 Alternator

Replacing: 101211-5620; 101211-9060; -100; -780; 27060-20010; 27060-0a020; 27060-20020; -70

Servicing: Lexus; Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 22.20, **Mount. bracket dist.** 43.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR



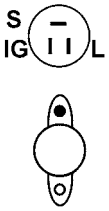


113083 Alternator

Replacing: 101211-0190; 27060-35150; 101211-0191; 10464164

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 58.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 93.00, **Rotation** CR



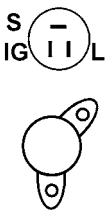


113084 Alternator

Replacing: 100211-1361; 100211-3510; 27060-15040; -1

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 90.55, **Rotation** CR



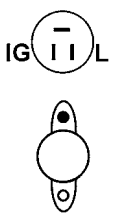


113085 Alternator

Replacing: 100211-6350; 27060-50011; -0; 100211-6060

Servicing: Lexus

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 58.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 90.50, **Rotation** CR



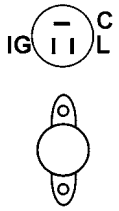


113086 Alternator

Replacing: 94449781; 8944497810; -1; 100211-4130; 8941012551; 100211-1430

Servicing: Chevrolet; Isuzu; Pontiac; Geo

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 58.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 93.50, **Rotation** CR



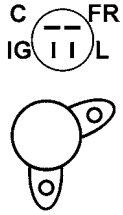


113087 Alternator

Replacing: 96056770; 100211-415; 100211-4150; 31400-86210

Servicing: Chevrolet; Pontiac; Suzuki

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 19.80, **Mount. bracket dist.** 66.85, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.10, **Rotation** CR



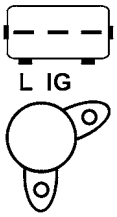


113088 Alternator

Replacing: 100211-8550; 31100-pv1-a01; -2; cjp56

Servicing: Acura

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 62.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 96.20, **Rotation** ACR



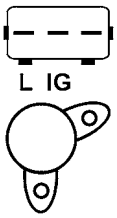


113089 Alternator

Replacing: 101211-9160; -350; 27060-46050; -250; 101211-5450; 101211-9410; 27060-46060; -140; 966121-9935

Servicing: Lexus; Toyota

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 56.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 88.20, **Rotation** CR



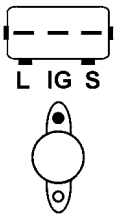


113090 Alternator

Replacing: 100211-6440; 27060-50080; 100211-6390; 27060-50070

Servicing: Lexus

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** CR



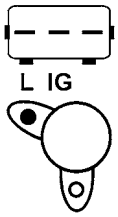


113091 Alternator

Replacing: 101211-053; 101211-0530; 27060-75040

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



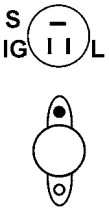


113092 Alternator

Replacing: 101211-0200; 27060-35160

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.25, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 92.20, **Rotation** CR



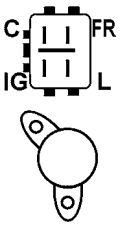


113093 Alternator

Replacing: 100211-8570; 27060-62070

Servicing: Toyota; Lexus

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 58.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 90.50, **Rotation** CR



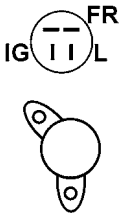


113094 Alternator

Replacing: 101211-9310; 31100-p72-013; CJU31; 101211-9330; 3018; 31100-p75-a01; cju33

Servicing: Acura

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.00, **Rotation** ACR



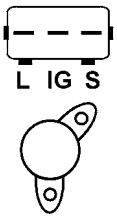


113162 Alternator

Replacing: 100211-8910; 31100-pr4-c01; cjp92; 100211-5350; 100211-8911; 31100-p30-023; 10464035

Servicing: Acura

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** ACR



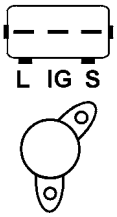


113163 Alternator

Replacing: 101211-5550; 27060-74460

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



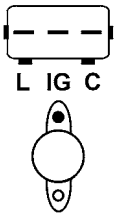


113164 Alternator

Replacing: 101211-0350; -590; 27060-11290; -330

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.00

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



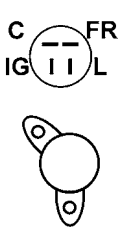


113165 Alternator

Replacing: 8971097800; -1; 101211-422; 101211-4220; 101211-0840; 8-97109780-0

Servicing: Isuzu; Acura

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 57.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 91.00, **Rotation** CR



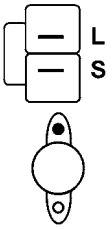


113166 Alternator

Replacing: 31100-p30-033; cjp61; -s70; 101211-5690

Servicing: Honda

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** ACR



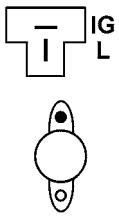


113197 Alternator

Replacing: lr160-727; 23100-0s300; lr160-727b; LR170-757; 23100-35500; LR170-757B; LR160-727C; 23100-3s500; lr1

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



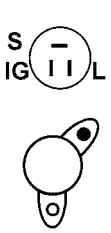


113200 Alternator

Replacing: 100211-6801

Servicing: Kubota

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 21.20, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR



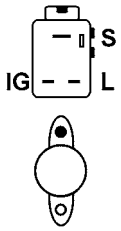


113201 Alternator

Replacing: 100211-8870

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



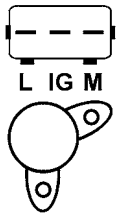


113202 Alternator

Replacing: 101211-6091; 27060-17131

Servicing: Toyota

V. 24, **Amp.** 85, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 16.00, **Mount. bracket dist.** 69.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 62.00, **Rotation** CR



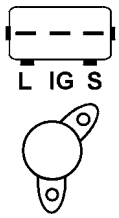


113227 Alternator

Replacing: 101211-5610; 27060-46200

Servicing: Toyota

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 56.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 88.50, **Rotation** CR





113228 Alternator

Replacing: 101211-5560; -650; 27060-46190

Servicing: Toyota

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 56.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 88.35, **Rotation** ACR

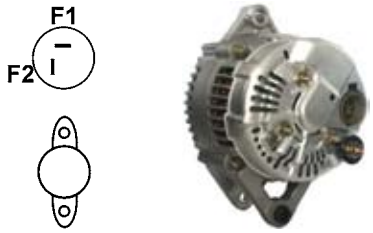


113231 Starter

Replacing: 31210-ze3-013; 128000-2750

Servicing: Honda

V. 12, **kW.** 0.5, **B+ / B-** 1/4" UNC, **L.** 204.00, **O1** 82.00, **No. of mount. holes** 2 (2), **A.** 65.00, **B.** 9.00, **No. of teeth** 14, **Rotation** ACR, **Drive type** Steel, **Gear** GR

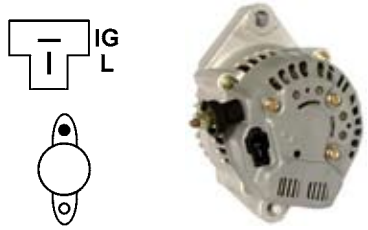


113235 Alternator

Replacing: 4686099; 4727221; 121000-4160; -1; 4727329; 4727329a; 4727329aa; 121000-4330; -1

Servicing: Chrysler; Dodge

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 35.50, **Rotation** CR

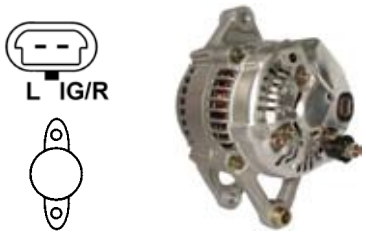


113306 Alternator

Replacing: 101211-2750; -30; -31

Servicing: Daihatsu

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 29.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 48.00, **Rotation** CR



113357 Alternator

Replacing: 121000-3610; 56005684ab

Servicing: Jeep

V. 12, **Amp.** 81, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

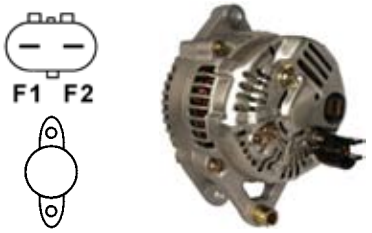


113358 Alternator

Replacing: 121000-3620; -70; 56005685ac; 56041822aa; 121000-3671

Servicing: Dodge; Jeep

V. 12, **Amp.** 117, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 13.30, **Mount. bracket dist.** 54.45, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.20, **Rotation** CR

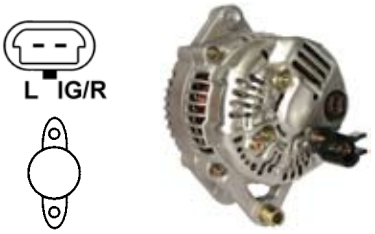


113359 Alternator

Replacing: 121000-3630; 56027912ab

Servicing: Dodge

V. 12, **Amp.** 117, **B+ / position** M6, **B+ position in min** 21, **Width of holder arm** 12.00, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.85, **Rotation** CR



113362 Alternator

Replacing: 121000-4280; 56027221ab

Servicing: Dodge

V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

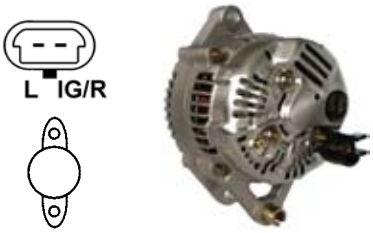


113363 Alternator

Replacing: 121000-4270; 56005686ab

Servicing: Dodge

V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 11.90, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

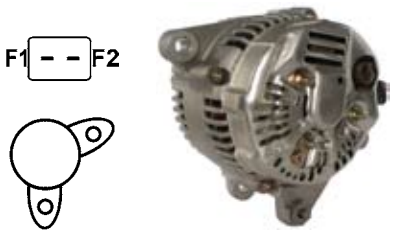


113364 Alternator

Replacing: 121000-4290; 56027913ab; 56028920ab; 121000-4350; -1

Servicing: Dodge

V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.60, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



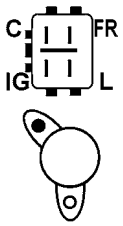
113365 Alternator

Replacing: 121000-4230; 4609999; 4609999AB; 121000-4231; -2; -3

Servicing: Dodge; Chrysler

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 12.35, **Mount. bracket dist.** 68.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 26.70, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



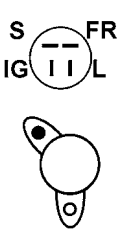


113433 Alternator

Replacing: 101211-7230; 31100-p5a-003; clb54; 101211-7270

Servicing: Acura

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 58.40, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.60, **Rotation** CR



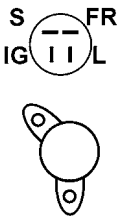


113495 Alternator

Replacing: 100211-6170; 31100-py3-003; -13; clb18; 10464313

Servicing: Acura

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 58.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.25, **Rotation** CR



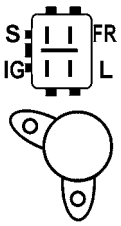


113496 Alternator

Replacing: 100211-6190; 31100-pr7-a02; -3; clb16; 10464351

Servicing: Acura

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 39, **Width of holder arm** 56.80, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.30, **Rotation** CR



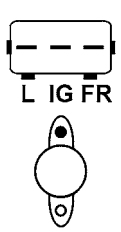


113522 Alternator

Replacing: 102211-1070; 102211-9750

Servicing: Honda

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 56.45, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.00, **Rotation** ACR



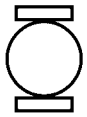


113523 Alternator

Replacing: 102211-1780; 101211-9570; 31100-P7F-00331

Servicing: Honda

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 57.85, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** ACR

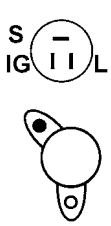



113535 Alternator

Replacing: 63321775; 46748357; 63377013; 102211-8450; -70

Servicing: Fiat; Lancia

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 24.20, **Mount. bracket dist.** 51.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 16.30, **Rotation** CR



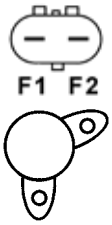


113557 Alternator

Replacing: 100211-5760; -930; 4448; 27060-61090; -1

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 41, **Width of holder arm** 12.55, **Mount. bracket dist.** 81.25, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 46.80, **Rotation** CR



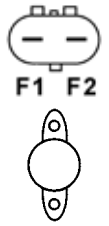


113559 Alternator

Replacing: 121000-4250; -1; -400; 121000-1670; 56041324; 56041324ac; 4910

Servicing: Dodge; Jeep

V. 12, **Amp.** 136, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.50, **Mount. bracket dist.** 68.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 27.00, **Rotation** CR



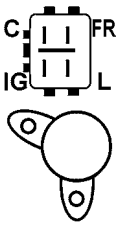


113564 Alternator

Replacing: 121000-4470; 4869; 0124525004; 56028238AB

Servicing: Dodge

V. 12, **Amp.** 136, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.60, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



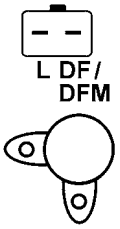


113571 Alternator

Replacing: 101211-9990; 4807; 31100-paa-a01; 102211-1010

Servicing: Acura; Honda

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 56.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.30, **Rotation** CR



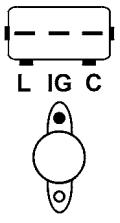


113575 Alternator

Replacing: a13vi236; 2542286; 11.203.709; AAK5740; 9633782680; 2542396; a5ta6391a; 9638275980; A5TA6391C; 96382

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR



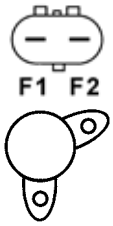


113584 Alternator

Replacing: 101211-4120; -1; -2; 4455; 111211-4122; 27060-75170

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 58.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 88.60, **Rotation** CR



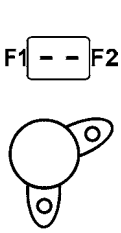


113606 Alternator

Replacing: 56028691; 4852; 121000-3650

Servicing: Dodge

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.30, **Mount. bracket dist.** 68.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 26.50, **Rotation** CR



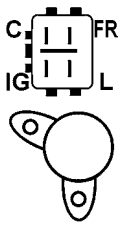


113607 Alternator

Replacing: 56041693aa; 4980; 121000-4440; 56041693ab; 121000-4410; 5170746aa; 56041693ac; 121000-4540

Servicing: Jeep; Dodge

V. 12, **Amp.** 136, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 12.50, **Mount. bracket dist.** 68.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 26.50, **Rotation** ACR



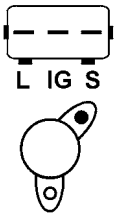


113612 Alternator

Replacing: 102211-1020; 4892; 31100-pea-a01; cjv02; 5862061630; 102211-1021; 5-86206163-0; 4564; 31100-p5m-003;

Servicing: Honda; Isuzu

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 56.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.00, **Rotation** CR



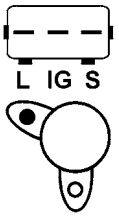


113626 Alternator

Replacing: 101211-9600; 10464205; 4477; 27060-20040

Servicing: Toyota

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 25.30, **Mount. bracket dist.** 43.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.50, **Rotation** CR



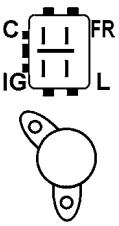


113627 Alternator

Replacing: 101211-9960; 4535; 94857218; 27060-0d010

Servicing: Chevrolet

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 17.80, **Mount. bracket dist.** 40.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR





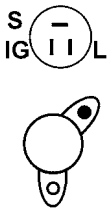
113628 Alternator

Replacing: 101211-9970; 4557; 31100-p3f-013; -a01; cju81; -97; 101211-9810; 31100-p3f-j01; -51; cjv26; 102211-1

Servicing: Honda

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** ACR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



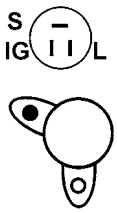


113636 Alternator

Replacing: 4697; 27060-11200; 100211-7140; 100211-8540

Servicing: Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.25, **Rotation** ACR

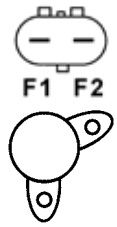




113637 Alternator

Replacing: 100211-0950; -850; 27060-61061; -0

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 12.80, **Mount. bracket dist.** 81.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.00, **Rotation** CR



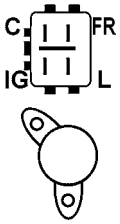


113641 Alternator

Replacing: 56041685aa; 4963; 121000-3710

Servicing: Jeep

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.15, **Mount. bracket dist.** 68.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 26.70, **Rotation** CR



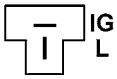


113645 Alternator

Replacing: 31100-p2t-003; 101211-9250

Servicing: Honda

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.30, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.00, **Rotation** ACR



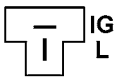


113699 Alternator

Replacing: 101211-1200

Servicing: Iseki

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 24.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



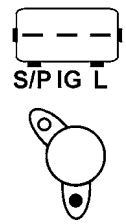


113700 Alternator

Replacing: 101211-3180

Servicing: Iseki

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 24.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR





113715 Alternator

Replacing: lea0248; 100211-9940; 27060-73020; 119773-77200; 101211-9940

Servicing: Yanmar

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 57.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W




113718 Alternator

Replacing: 63321718; 63377002; 46542889; 51709133; 46843091; 51714794; 102211-8230; -430; -440

Servicing: Lancia; Fiat; Citroen

V. 12, **Amp.** 70, **B+ / position** M8, **Width of holder arm** 23.50, **Mount. bracket dist.** 50.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 18.00, **Rotation** CR





113755 Alternator

Replacing: 0124525034; 104210-3240; -170; 104210-4270; a14vi40; TG15C022; 2542472; -704; -925; 9640623580; 9640

Servicing: Citroen; Peugeot; Lancia; Fiat; Suzuki; Renault

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 21.10, **Mount. bracket dist.** 45.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR



113763 Alternator

Replacing: 2871A303; -168; 714-40152; 2871A301; 63377462; 2871a302; 63377460; 225-3141; 102211-8160; 24479; 102

Servicing: ; Land Rover; Jcb

V. 12, **Amp.** 85

113802 Alternator

Replacing: 421000-0552; 56044380AI

Servicing: Jeep

V. 12, **Amp.** 160, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley

113803 Alternator

Replacing: 421000-0021; -2; -3; -4; -5; -6; -7; -8

Servicing: Chrysler; Dodge

V. 12, **Amp.** 160, **Fan** IF, **Grooves in pulley** 6, **Pulley** Free-wheeling

113806 Alternator

Replacing: 100211-0780; -1; -2; 27060-16030

Servicing: Toyota

V. 12, **Amp.** 55, **Fan** EF, **Grooves in pulley** 3, **Pulley** Pulley



113849 Alternator

Replacing: 104210-3522; -11; -12; 1229258; 1255712; 1477737; 30667067; 3m5t10300pb; -C; -d; 8666579; 63377416;

Servicing: Ford; Mazda; Volvo; VW

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 21.00, **Mount. bracket dist.** 45.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 42.50, **Rotation** CR



113856 Alternator

Replacing: 100211-4730; 101211-2960; 16678-64011; -2

Servicing: Steiner; Kubota

V. 12, **Amp.** 40, **B+ / position** M8, **B+ position in min** 14, **Width of holder arm** 71.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Serpentine Pulley, **Pulley distance** 92.50

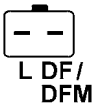


113865 Alternator

Replacing: 0120465018; 0123213007; 0123545002; 0123500005; 100211-8630; -1; -2; 5003920; 9130275; 9162422; 9447

Servicing: BMW; Volvo

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 71.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 92.50, **Rotation** CR



113872 Alternator

Replacing: a5ta6392; 9649611780; SG8B022; SG9B064; -7; 2542428; 9638543680; a13vi282; 2542923; 9656956280; tg9b

Servicing: Peugeot; Citroen

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 19, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.

113902 Alternator

Replacing: 101211-7400; -10; 102211-0770; -80; 27060-28060; -80; -90; -100;

V. 12, **Amp.** 100, **Fan** IF, **Pulley** Serpentine Pulley

113904 Alternator

Replacing: 102211-8660; -1; 63377491; 63321940; 13153236; 6204189; 93180104; R1530099; 13117236

V. 12, **Amp.** 140, **Fan** IF, **Grooves in pulley** 6, **Pulley** Free-wheeling

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

Miscellaneous

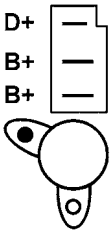


113696 Starter

Replacing: 185086530; 228000-5120; -1; 228000-2970; sba185086530; 228000-5122

Servicing: Ford; New Holland

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 219.00, **O1** 122.30, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



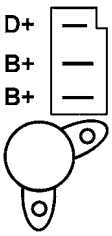


110178 Alternator

Replacing: 0120339502; 0120389502; -3; 9120331502; -901; -913; 516011; alp12n-2; alt12n-14; -39; 1504563; 15371

Servicing: Case; Ford; Austin; Land Rover; Triumph; Mg; Morris; Talbot; Vauxhall; Bedford; New Holland; Massey

V. 12, **Amp.** 36, **Width of holder arm** 10.00, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR





110358 Alternator

Replacing: 0120400858; -9; 0120489061; -526; -527; -556; -683; -917; -918; -933; 9120144269; -70; 516055; 11.20

Servicing: Seat; Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.50, **Rotation** CR





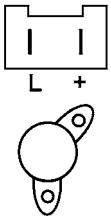
110743 Alternator

Replacing: 5491319; 95618728; 7532; ald12n-53; aln12-1; 11.201.021; aag0702; 9al2696g; a11m12; a11m6; 5446241;

Servicing: Citroen

V. 12, **Amp.** 30, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 61.00

Regulator: Cargo 130679





110744 Alternator

Replacing: 516017; -24; 9ar2778k; 9ar2945k; a13n13; -4; a13r221; -2; 7700662371; -415; 7700758336; 7701499495;

Servicing: Renault; Volvo; Daf

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 26.58, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.25, **Rotation** CR





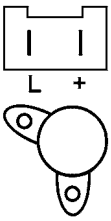
110745 Alternator

Replacing: 7527; 7527a; -b; -c; 7527d,e; 7557; -75; 7575d; 7576; alg12-7; alg12n-28; a12r21; a12r223; a13r15; a

Servicing: Peugeot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.

Solenoid: Cargo 130679.



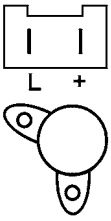


110754 Alternator

Replacing: 516025; -33; -47; als12x-26; -76; 11.201.370; aak4183; 9ar2659k; 9ar2936p; a13n113; -50; a13n20; a13

Servicing: Renault

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.90, **Rotation** CR



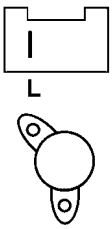


110888 Alternator

Replacing: 5491104; 581208; 9ar2934k; a13n19; -91; 7700666179; 7701349313; 7701499205; -448; 71651802

Servicing: Renault; Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 55.35, **Rotation** CR



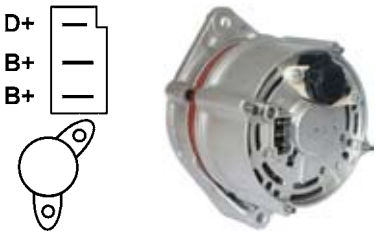


110897 Alternator

Replacing: 451074; 516021; 9ar2815k; a13n118; a13n32; a13r267; 71652002; 71653102

Servicing: Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 62.00, **Rotation** CR



110913 Alternator

Replacing: 0120489016; -7; -77; -81; -262; -712; -773; -774; -868; -869; -870; -871; -872; -873; -980; -981; -9

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 17, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR

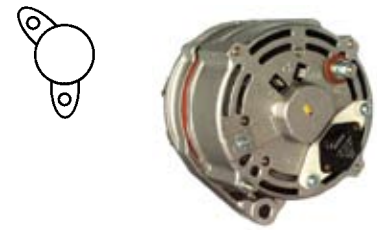


110915 Alternator

Replacing: 9120144230; -1; 451055; -8; -9; -75; 516006; -8; -28; 581207; 11.201.208; aak1176; 9ar2660k; -95k; 9

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.87, **Rotation** ACR

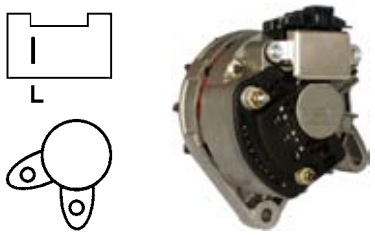


110916 Alternator

Replacing: 9120144242; -3; 95619190; 514005; 510-847; 9ar2687f; -g; 9ar2728f; -g; 9ar2982; a12r36; -7; 71636402

Servicing: Citroen; Peugeot; Talbot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 39.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.00, **Rotation** CR

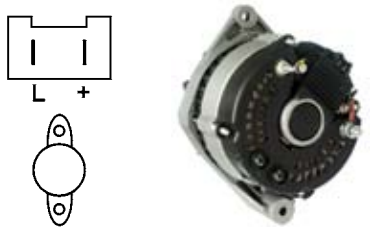


110917 Alternator

Replacing: 0120489277; -8; -945; -946; 9150870780; 514007; 9ar2859; 555797; 557097; a12r44; 71652702; 2928590

Servicing: Peugeot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.00, **Rotation** CR

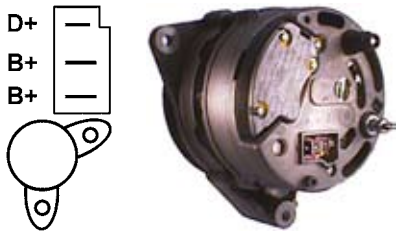


110920 Alternator

Replacing: 516023; als12x-65; -77; aak1129; a13n12; 7701349263; 7701351052; 7701499433; 9120144259; -60; 310154

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 101.00, **Rotation** CR



110971 Alternator

Replacing: 7530; 11.201.390; aak4192; 66021148; nab303; 0120489708; 11.201.544; AAK4503

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 30, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 85.00, **Rotation** CR/ACR, **Terminal** W

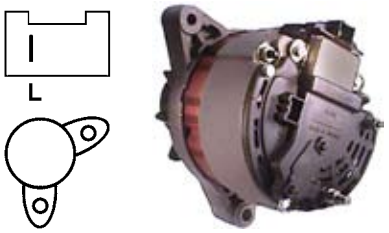


110991 Alternator

Replacing: 19025752; 433118; 46231750; -61; 7547660; 77235410; 63307403; -6; -503; 63320010; -30; 63321013; -5

Servicing: Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 59, **Width of holder arm** 27.00, **Mount. bracket dist.** 69.65, **Fan** w/o, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 58.65, **Rotation** CR

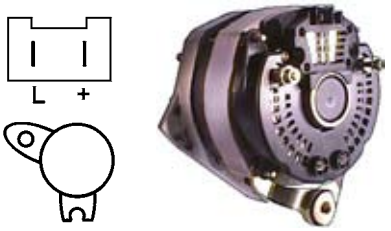


110992 Alternator

Replacing: 516004; -41; 9ar2757k; a13n47; a13r220; -63

Servicing: Talbot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 30, **Width of holder arm** 36.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 87.85, **Rotation** CR



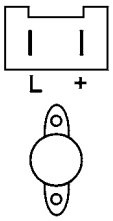
111071 Alternator

Replacing: 95494135; -7; 95495989; 95653974; 451068; 516013; -5; 9ar2730p; -1r; 9ar2872p; -4r; 555799; a14n1; -

Servicing: Citroen; Peugeot

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 35.90, **Mount. bracket dist.** 53.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 61.85, **Rotation** ACR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

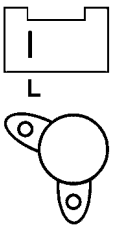



111072 Alternator

Replacing: 9120144283; -4; 451076; 9ar2676k; 9ar2948k; a13n139; a13n63; -5; -87; a13r228; -60; -69; 7700665612;

Servicing: Renault; VW

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 26, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.40, **Rotation** CR

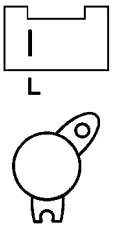



111075 Alternator

Replacing: 0120489193; -4; 95495512; 95607232; 95619192; 512010; 516039; -51; 11.201.255; aak4104; 9ar5062k; 55

Servicing: Citroen; Peugeot; Talbot; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.50, **Rotation** CR




111076 Alternator

Replacing: 0120488214; -5; 0120489157; -8; -258; -259; -270; 9151095080; 9151798380; 95619191; 443113516404; 95

Servicing: Citroen; Peugeot; Talbot; Opel

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 26.80, **Mount. bracket dist.** 68.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.35, **Rotation** CR

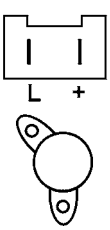



111078 Alternator

Replacing: 9120144228; -9; -40; -41; 516032; alp12n-20; -4; 4451759; 4456152; 4458618; 46231655; 5947366; -76;

Servicing: Fiat; Seat; Lancia; Autobianchi; Zastava

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 21.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 53.25, **Rotation** ACR

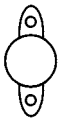



111082 Alternator

Replacing: 9120144277; 516062; -4; 11.201.664; aak4544; 63321083; -114; a13n110; -21; 7700764382; 7700767420; 7

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.88, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 100.95, **Rotation** CR

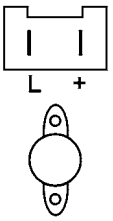



111138 Alternator

Replacing: 0120489132; -3; -672; -673; -740; -741; -920; -921; 9120144208; -9; 19025045; 514014; als12n-55; -6;

Servicing: Fiat; Seat; Lancia

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.35, **Rotation** CR

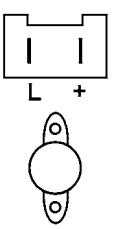



111144 Alternator

Replacing: 75491911; 75492505; 95494138; 95580176; 95598734; 95619682; 95635804; 516016; 510-312; 9ar2870p; a14

Servicing: Renault; Citroen; Talbot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 64.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.15, **Rotation** CR

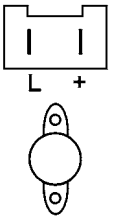



111162 Alternator

Replacing: 9120334311; a13n86; 7700499228; 7700751336; 7700753082; 7701351763; 7701489227; -8; -37; -88; 516059

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 37, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.25, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 45.80, **Rotation** CR

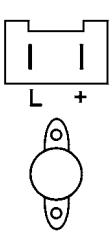



111171 Alternator

Replacing: aak3565; 9ar2933p; a13n171; a13n62; a14n53; -62; 7700754835; 7700793594; 7701351762; 7701499440; 254

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.65, **Rotation** CR, **Terminal** W

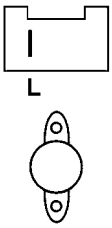



111172 Alternator

Replacing: 516044; 11.201.535; aak3594; a13n136; a13np173; 7701499490; 2181726; 2541384; -467

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 27.00, **Mount. bracket dist.** 68.65, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.75, **Rotation** CR

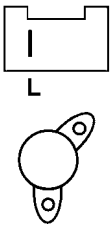



111403 Alternator

Replacing: 0120488143; 11.201.568; aak4515; a13n238; -138; -179; -3; 515003

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 33, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.25, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 46.75, **Rotation** CR, **Terminal** W

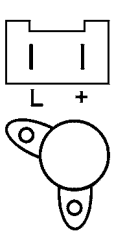



111651 Alternator

Replacing: 9120334310; 95607228; 451066; 516012c; 516014; 46231723; 77612410; 9ar2663k; -73k; 9ar2964k; 555779;

Servicing: Citroen; Peugeot; Fiat; VW

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR

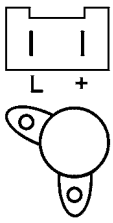



112728 Alternator

Replacing: 9120144267; -8; -78; 516058; 63321057; -81; -178; a13n104; 7700762458; 2541465

Servicing: Renault

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 91.00, **Rotation** CR

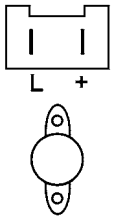



112733 Alternator

Replacing: 9120144256; -8; 451078; 516009; -30; -42; -45; 9ar5042; a14n121; a14n51; -6; 7700612755; 7700670878;

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 103.00, **Rotation** CR

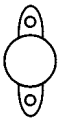



112744 Alternator

Replacing: 9120144295; -6; 516038; a13n120; a13n89; 7700721797; -977; 7700729300; 7700730363; 7700751337; 77014

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.00, **Rotation** CR




112768 Alternator

Replacing: 0120488194; -5; 11.201.304; aak4138; -518; 63320037; 0120489019; -402; -457; 11.201.071; 30680316; 6

Servicing: Alfa Romeo; Goldoni

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W




110348 Alternator

Replacing: 0120488280; a125-09; a125-55s; als12n-82; 11.201.293; aak4127; 2108-3701010; 224-370701; 224-373701;

Servicing: Lada

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.60, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR




110349 Alternator

Replacing: 19025771; a124-14; a124l; alb12-117; 4052100; 2101-3701000; -5; -10; 2101-3710000; 221-3701000; f221

Servicing: Lada

V. 12, **Amp.** 42, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 18.50, **Mount. bracket dist.** 61.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR

Regulator: Cargo 130613

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

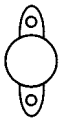



110350 Alternator

Replacing: 19025772; a124-15; a124-44s; als12-81; 11.201.294; aak4128; 2105-3701005; -10; 222-3701005; -10; kat

Servicing: Lada; Fiat

V. 12, **Amp.** 44, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.50, **Mount. bracket dist.** 60.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR




110611 Alternator

Replacing: 19025037; a124n; alb40-68; -86; 4152101; 4174626; 4329019; 4474903; -4; 4475303; 77138410; 63303100;

Servicing: Fiat; Seat; Allis Chalmers

V. 12, **Amp.** 44, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 17.00, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.00, **Rotation** CR
Regulator: Cargo 130613

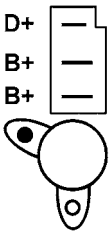



110612 Alternator

Replacing: 0120489127; -738; -739; 19025066; -761; -786; 201003020.0; a115-03; -43; a125-02; a125-45b; als12n-2

Servicing: Fiat; Lancia; Zastava; Bertone

V. 12, **Amp.** 43, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 23.15, **Mount. bracket dist.** 73.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.45, **Rotation** CR



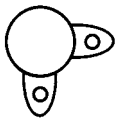


110968 Alternator

Replacing: alt2n-14; alf12-18; alt12n-13; alt12n-2; 11.201.470; aak1133; 23686; -749; -764; -785; -832; -882; -

Servicing: Austin; Rover; Nissan; Mg; Case; Dronningborg; Valmet

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR

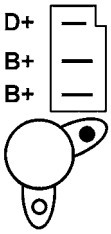



111036 Alternator

Replacing: 19025791; a125-45c; 46231657; -9; -60; 5999868; -9; 77305410; 77347411; 11.201.358; -735; 63320001;

Servicing: Fiat; Lancia; Autobianchi

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 32.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 56.80, **Rotation** CR





111086 Alternator

Replacing: 0120339504; -19; 0120400808; -9; -72; -73; 0120489050; -2; -4; -98; -99; -100; -101; -105; -287; -42

Servicing: Ford; Austin; Rover; Mg; Mercury

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 83.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.60, **Rotation** CR




111148 Alternator

Replacing: 0120488140; -235; 0120489128; -9; -263; -348; -400; -942; -943; 283020.1; a125-65b; 4470266; 4623168

Servicing: Fiat; Lancia; Zastava; Autobianchi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 23.00, **Mount. bracket dist.** 75.60, **Fan** w/o, **Grooves in pulley** Single, **Pulley** Serpentine Pulley, **Pulley distance** 52.25, **Rotation** CR

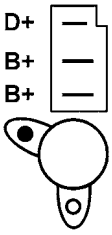



111687 Alternator

Replacing: a125-55e; -t; 46231650; 7704356; 11.201.355; aak4174; 63320094; 63321165; 7711092

Servicing: Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 26.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 53.00, **Rotation** CR





110178 Alternator

Replacing: 0120339502; 0120389502; -3; 9120331502; -901; -913; 516011; alp12n-2; alt12n-14; -39; 1504563; 15371

Servicing: Case; Ford; Austin; Land Rover; Triumph; Mg; Morris; Talbot; Vauxhall; Bedford; New Holland; Massey

V. 12, **Amp.** 36, **Width of holder arm** 10.00, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR




110348 Alternator

Replacing: 0120488280; a125-09; a125-55s; als12n-82; 11.201.293; aak4127; 2108-3701010; 224-370701; 224-373701;

Servicing: Lada

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.60, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR




110349 Alternator

Replacing: 19025771; a124-14; a124l; alb12-117; 4052100; 2101-3701000; -5; -10; 2101-3710000; 221-3701000; f221

Servicing: Lada

V. 12, **Amp.** 42, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 18.50, **Mount. bracket dist.** 61.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR

Regulator: Cargo 130613




110350 Alternator

Replacing: 19025772; a124-15; a124-44s; als12-81; 11.201.294; aak4128; 2105-3701005; -10; 222-3701005; -10; kat

Servicing: Lada; Fiat

V. 12, **Amp.** 44, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.50, **Mount. bracket dist.** 60.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR

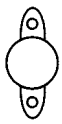


110482 Generator

Replacing: dnl12-22; 69eb10002ca; 22250; -8; -72; -95; -97; -700; -704; 22704l; -q; 22705; 22705f; -l; 22715; 2

Servicing: Ford; Austin; Mg; Morris; Case; Triumph; Lotus

V. 12, **Amp.** 22, **O.D.** 144.00, **Pulley** 75.00, **Max rotation speed** w/o, **Insulated return** 60




110611 Alternator

Replacing: 19025037; a124n; alb40-68; -86; 4152101; 4174626; 4329019; 4474903; -4; 4475303; 77138410; 63303100;

Servicing: Fiat; Seat; Allis Chalmers

V. 12, **Amp.** 44, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 17.00, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.00, **Rotation** CR

Regulator: Cargo 130613




110612 Alternator

Replacing: 0120489127; -738; -739; 19025066; -761; -786; 201003020.0; a115-03; -43; a125-02; a125-45b; als12n-2

Servicing: Fiat; Lancia; Zastava; Bertone

V. 12, **Amp.** 43, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 23.15, **Mount. bracket dist.** 73.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.45, **Rotation** CR




110743 Alternator

Replacing: 5491319; 95618728; 7532; ald12n-53; aln12-1; 11.201.021; aag0702; 9al2696g; a11m12; a11m6; 5446241;

Servicing: Citroen

V. 12, **Amp.** 30, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 61.00

Regulator: Cargo 130679



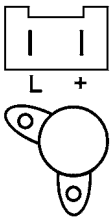

110745 Alternator

Replacing: 7527; 7527a; -b; -c; 7527d,e; 7557; -75; 7575d; 7576; alg12-7; alg12n-28; a12r21; a12r223; a13r15; a

Servicing: Peugeot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.

Solenoid: Cargo 130679.





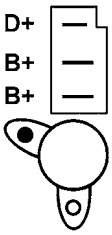
110754 Alternator

Replacing: 516025; -33; -47; als12x-26; -76; 11.201.370; aak4183; 9ar2659k; 9ar2936p; a13n113; -50; a13n20; a13

Servicing: Renault

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.90, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



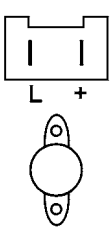


110759 Alternator

Replacing: 0120400704; -5; -814; 0120489087; -508; -509; -511; -536; -561; -562; -616; -803; -804; -894; -940;

Servicing: Ford; Austin; Mercury

V. 12, **Amp.** 35, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.65, **Mount. bracket dist.** 79.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.15, **Rotation** CR



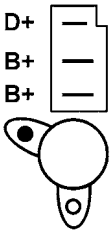


110920 Alternator

Replacing: 516023; als12x-65; -77; aak1129; a13n12; 7701349263; 7701351052; 7701499433; 9120144259; -60; 310154

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 101.00, **Rotation** CR



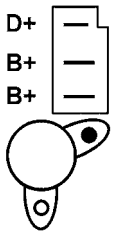


110968 Alternator

Replacing: alt2n-14; alf12-18; alt12n-13; alt12n-2; 11.201.470; aak1133; 23686; -749; -764; -785; -832; -882; -

Servicing: Austin; Rover; Nissan; Mg; Case; Dronningborg; Valmet

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR





110969 Alternator

Replacing: alp12n-1; 23582; -667; -696; -723; -786; -826; -935; 24044; -64; 54021953; -88; 54022137; 60021012;

Servicing: Land Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 38.00, **Rotation** CR

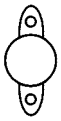



111078 Alternator

Replacing: 9120144228; -9; -40; -41; 516032; alp12n-20; -4; 4451759; 4456152; 4458618; 46231655; 5947366; -76;

Servicing: Fiat; Seat; Lancia; Autobianchi; Zastava

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 21.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 53.25, **Rotation** ACR

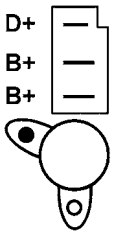



111138 Alternator

Replacing: 0120489132; -3; -672; -673; -740; -741; -920; -921; 9120144208; -9; 19025045; 514014; als12n-55; -6;

Servicing: Fiat; Seat; Lancia

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.35, **Rotation** CR



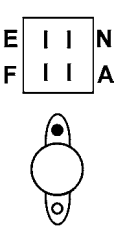


111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W





110133 Alternator

Replacing: 4892-18-300; 4894-18-300; D47Z-18-300; a1t15674; a1t20174; -8; -572; -573; -574; -579; -591; a1t2133

Servicing: Mazda

V. 12, **Amp.** 35, **B+ / position** M5, **B+ position in min** 11, **Width of holder arm** 12.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 39.40, **Rotation** CR
Regulator: 130615 6 pins,130616 6+1 pins

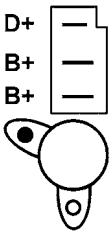



110170 Alternator

Replacing: d7nn10300b; 8ma2014p; 8MA2014PA

Servicing: Ford

V. 12, **Amp.** 72, **B+ / position** M6, **B+ position in min** 36, **Width of holder arm** 51.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 74.75, **Rotation** CR
Regulator: Cargo 131175



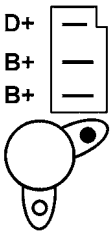


110178 Alternator

Replacing: 0120339502; 0120389502; -3; 9120331502; -901; -913; 516011; alp12n-2; alt12n-14; -39; 1504563; 15371

Servicing: Case; Ford; Austin; Land Rover; Triumph; Mg; Morris; Talbot; Vauxhall; Bedford; New Holland; Massey

V. 12, **Amp.** 36, **Width of holder arm** 10.00, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR





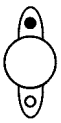
110179 Alternator

Replacing: 86bb10300db; 23568; -74; -76; -83; -85; -91; -92; -600; -609; -611; -624; -626; -629; -631; -632; -6

Servicing: Triumph; Ford; Vauxhall; Land Rover; Ldv International; Bedford; Case; Jaguar; Mercury; Lotus

V. 12, **Amp.** 36, **B+ / position** Plug, **B+ position in min** 20, **Width of holder arm** 9.75, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR

For Fan with 17 mm bore use bushing: Cargo 134894



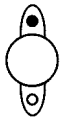

110237 Alternator

Replacing: 3227687; 8126436; d0hf10300da; d0sf10300a; d20f10300ca; -eb; d22f10300ba; d2sf10300aa; d30f10300da;

Servicing: Ford; American Motors; Jeep; Lincoln; Mercury

V. 12, **Amp.** 60, **B+ / position** 1/4" UNC, **B+ position in min** 15, **Width of holder arm** 76.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 101.00, **Rotation** CR

Replacing: 1G series. Regulator: Cargo 130506.



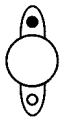

110238 Alternator

Replacing: d20f10300aa; -ga; d20f10346ba; d20z10346b; d22f10300aa; d22f10346bb; d2af10300ea; d2fz10346b; d32f10

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 70, **B+ / position** 1/4" UNC, **B+ position in min** 42, **Width of holder arm** 76.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.00, **Rotation** CR

Replacing: 1G series. Same as Cargo 110239 (90 Amp.). Regulator: Cargo 130506. B152



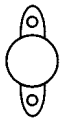

110239 Alternator

Replacing: d3vf10300a; d3vf10300aa; -b; -ba; d3vf10346a; d3vf10346ba; d3vy10346a; d5of10300ba; d5zf10300aa; d70

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 76.25, **Fan** w/o, **Pulley** w/o, **Rotation** CR

Regulator: Cargo 130506




110416 Alternator

Replacing: 5s6698; 3603850rx; 1117225; -7; -8; -31; -34; -40; -41; -42; -44; -59; -63; -67; -68; -69; 10459018;

Servicing: Volvo; International; Chevrolet; Ford; Freightliner; Kenworth; Mack; Cummins; Caterpillar

V. 12, **Amp.** 75, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.00, **Fan** EF, **Pulley** w/o, **Rotation** CR

Replacing: 25 SI Type 400. Neg. ground.

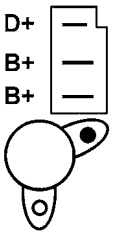


110482 Generator

Replacing: dnl12-22; 69eb10002ca; 22250; -8; -72; -95; -97; -700; -704; 22704l; -q; 22705; 22705f; -l; 22715; 2

Servicing: Ford; Austin; Mg; Morris; Case; Triumph; Lotus

V. 12, **Amp.** 22, **O.D.** 144.00, **Pulley** 75.00, **Max rotation speed** w/o, **Insulated return** 60





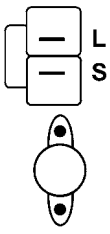
110607 Alternator

Replacing: 5026721; 884f10k359ab; 894f10300ba; 894fx10300ba; r89fx10300ba; u88vg10k359aa; 24188; -230; -264; 54

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 11.30, **Mount. bracket dist.** 83.00, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.70, **Rotation** CR

111754 W/vacuum pump





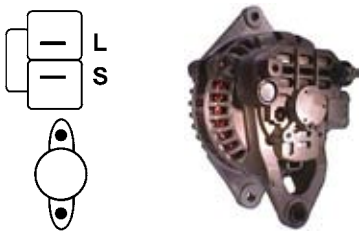
110663 Alternator

Replacing: f1cz10346a; -b; -c; a2t34477; a2t35177; B366-18-300; B361-18-300G; B366-18-300H; TA000A11001; OK2011

Servicing: Mazda; Kia; Ford; Mercury

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.15, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.75, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

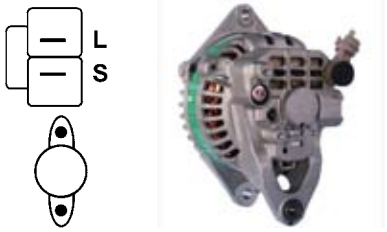


110664 Alternator

Replacing: e92z10346a; F8B1-18-300E; hab170144; a2t05892; a2t05892a; -b; a2t05892zc; a2t05893; a2t05893zc; a2t0

Servicing: Mazda; Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.10, **Mount. bracket dist.** 66.10, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.50, **Rotation** CR, **Terminal** W

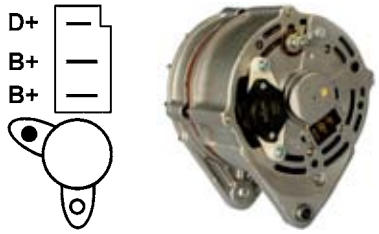


110689 Alternator

Replacing: f00z10346b; f0cz10346b; a2t34377; a2t35277; a5t00877; a5t01599; -777; a5t02777; B366-18-300E; B61V-1

Servicing: Mazda; Ford; Mercury

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.30, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.15, **Rotation** CR

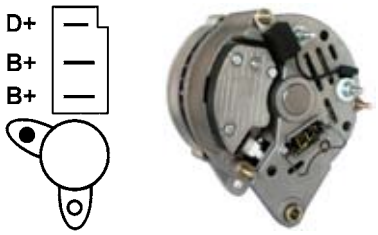


110759 Alternator

Replacing: 0120400704; -5; -814; 0120489087; -508; -509; -511; -536; -561; -562; -616; -803; -804; -894; -940;

Servicing: Ford; Austin; Mercury

V. 12, **Amp.** 35, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.65, **Mount. bracket dist.** 79.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.15, **Rotation** CR

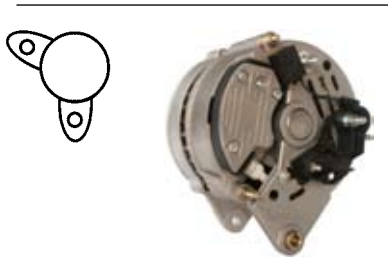


110770 Alternator

Replacing: 86vb10300aa; 873f10300ba; 24157; 24157d; -f; 24208; -76; 54022057; -108; -109; -117; -118; -143; -16

Servicing: Austin; Rover; Mg; Ldv International; Massey Ferguson; Vauxhall; Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 11.20, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR

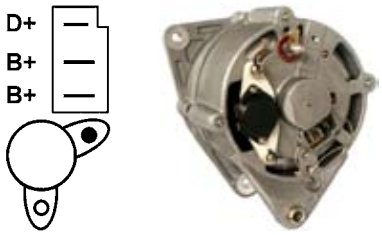


110891 Alternator

Replacing: 0120488286; 0120489346; -7; -408; 1005351; 5026113; 86ab10300na; -b; 86ax10300mb; 0120488211; r86ax1

Servicing: Ford; Land Rover; Mg

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.30, **Mount. bracket dist.** 82.00, **Fan** EF, **Pulley** Pulley, **Rotation** CR, **Terminal** W



111086 Alternator

Replacing: 0120339504; -19; 0120400808; -9; -72; -73; 0120489050; -2; -4; -98; -99; -100; -101; -105; -287; -42

Servicing: Ford; Austin; Rover; Mg; Mercury

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 83.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.60, **Rotation** CR

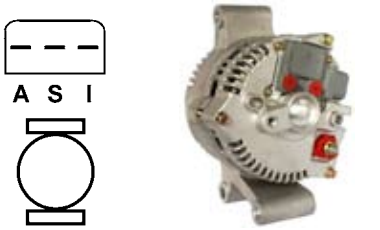


111176 Alternator

Replacing: 1659058; 5027845; 5029923; 86ab10300aaa; 89ff10300eb; -ja; -jb; 89fx10300eb; -ja; 91ff10300ta; r86ax

Servicing: Ford; Land Rover; Ldv International

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.25, **Mount. bracket dist.** 81.65, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W



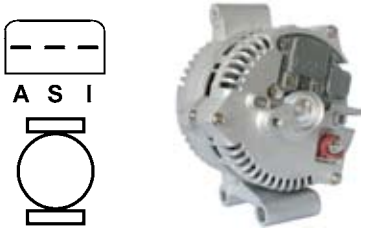
111199 Alternator

Replacing: f07f10300aa; f07u10300aa; -b; -c; f17u10300aa; f1pu10300ca; f1tz10346c; f57u10300aa; -ba; f67u10300a

Servicing: Ford; Mazda; Mercury

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 21, **Width of holder arm** 55.20, **Mount. bracket dist.** 62.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR

Replacing: 3G series.



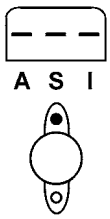
111200 Alternator

Replacing: f37u10300aa; f3uu10300ae; -f; f3uz10346a; f5uu10300ba; f6uu10300ca; -ea; f5uu10300aa; F2TU10300AF; F

Servicing: Ford; Mazda

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 21, **Width of holder arm** 55.55, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 35.55, **Rotation** CR

Replacing: 3G series.



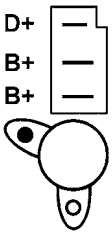


111252 Alternator

Replacing: e79f10300ba; e7pf10346la; -ma; -za; e7pz10346c; -m; e7sf10300ha; -ma; e7zf10300ba; -ea; -fa; e8tf103

Servicing: Ford; Mercury

V. 12, **Amp.** 75, **B+ / position** Plug, **B+ position in min** 45, **Width of holder arm** 76.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 95.40, **Rotation** CR
Replacing: 2G series.



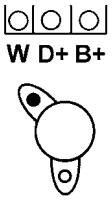


111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W





111292 Alternator

Replacing: 0123310015; 1019077; 7118750; 7276001; 94ab10300ba; 94fb10300aa; -b; r94ab10300ba; a2t81891; a2ta259

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 31, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 31.50, **Rotation** CR, **Terminal** W

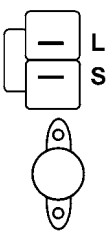



111293 Alternator

Replacing: 0120485029; 0123310014; 7275999; 91ab10300sa; 92ab10300dd; -fa; -fb; 92fb10300fb; a2t14591; a2t28792

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 31, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 31.20, **Rotation** CR



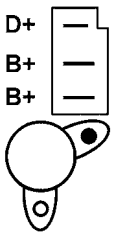


111315 Alternator

Replacing: f32z10346b; K801-18-300; K801-18-300B; -C; -D; a3t08491; a3t08491a; a3t08491zc; KL11-18-300D; 660213

Servicing: Mazda; Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.45, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 37.65, **Rotation** CR



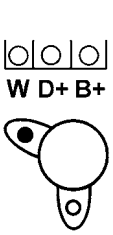


111356 Alternator

Replacing: 0120488189; 89ff10300ab; -c; r89fx10300gb; 11.201.587; aak4532; 54021506; -879; 54022059; -173; -190

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 84.50, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W



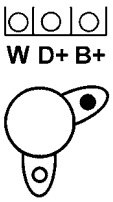


111359 Alternator

Replacing: 0120488148; 0120489460; 88bb10300ha; -b; 88bx10300gb; 24216; 54022181; -318; -319; -320; 24216a; 201

Servicing: Ford

V. 12, **Amp.** 70, **Width of holder arm** 10.85, **Mount. bracket dist.** 82.75, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 24.55, **Rotation** CR



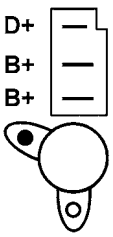


111360 Alternator

Replacing: 89ff10300cc; -d; -e; 89fx10300cd; r89ff10300cd; -e; r89fx10300cd; 24236; -71; 54022303; -5; -7; -400

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 24, **Width of holder arm** 10.90, **Mount. bracket dist.** 83.30, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.65, **Rotation** CR, **Terminal** W





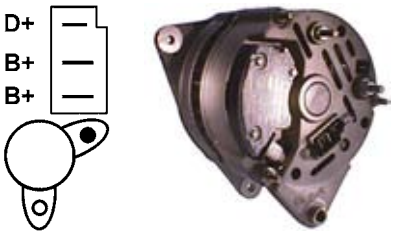
111362 Alternator

Replacing: 0120489290; -345; 82fb10300ea; 85bb10300da; 86ab10300eb; 86ax10300ab; -db; 87bb10300ba; 24215; -49;

Servicing: Ford; Austin; Land Rover; Mg; Valmet

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 11.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

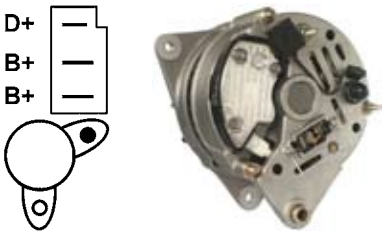


111364 Alternator

Replacing: 0120489251; -2; -92; 6159682; 82bb10300ga; 84ab10300aa; -ma; -mb; 84fb10300aa; 864f10300ea; 86ax1030

Servicing: Ford; Rover

V. 12, **Amp.** 55, **B+ / position** M6-6.3, **B+ position in min** 14, **Width of holder arm** 12.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W

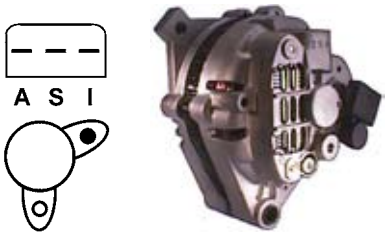


111368 Alternator

Replacing: rv87vg10300ab; rv87vx10300ab; v87vg10300aa; -b; 11.201.729; -811; aak4575; -99; 24223; -31; 54022203

Servicing: Ford

V. 12, **Amp.** 70, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.90, **Rotation** CR, **Terminal** W



111395 Alternator

Replacing: e83z10346a; e8df10300a; -b; e8dz10346a; a3t01596; -8

Servicing: Ford; Mercury

V. 12, **Amp.** 75, **B+ / position** Plug, **B+ position in min** 60, **Width of holder arm** 76.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 112.90, **Rotation** CR

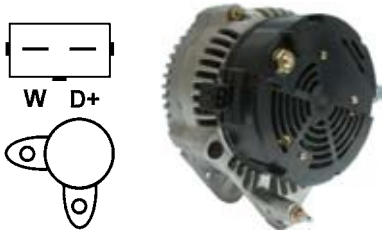


111427 Alternator

Replacing: 0123212001; 93bb10300ae; -g; -ce; r93bb10300ag; a4t01591

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.50, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.50, **Rotation** CR

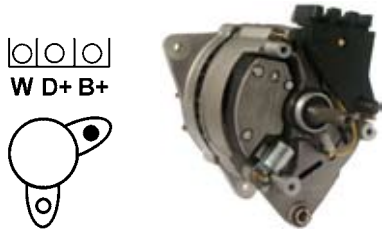


111477 Alternator

Replacing: 0120485038; 0123320001; -7; 0123340003; 9123320007; 1031896; 7203201; 95VW10300aaa; 95VW10300na; -ra

Servicing: VW; Seat; Ford; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 62.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W

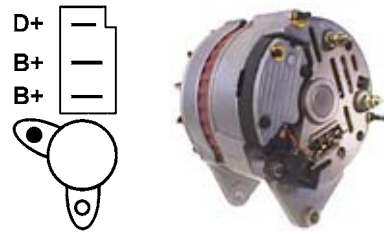


111623 Alternator

Replacing: 1668894; 5027848; 5029902; 894x10300ae; 924x10300ab; 954f10300aa; r924x10300ab; rv94gb10300bb; v94gb

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 11.80, **Mount. bracket dist.** 83.40, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W

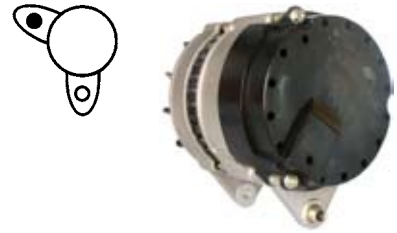


111739 Alternator

Replacing: f0nn10b376ab; 24273; 54022336; 63324273; 24273a; 66021605; LEA0120

Servicing: New Holland; Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.40, **Mount. bracket dist.** 82.30, **Fan** EF, **Pulley** w/o, **Rotation** CR
w/ Battery Sensor Terminal

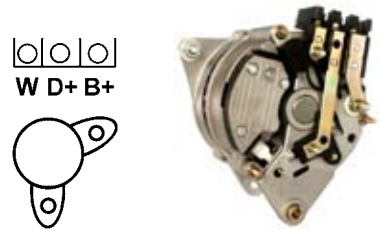


111740 Alternator

Replacing: 11.201.503; -4; 24186; -250; -274; 54022337; AAK1344; 24274a; e7nn10b376aa; -b; -ba; -bb; AAK1343; 2

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.30, **Mount. bracket dist.** 82.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W
w/ Battery Sensor Terminal



111741 Alternator

Replacing: 0120488149; -78; -79; -80; -242; -243; 5024754; 89bb10300jb; 89bx10300hb; 92vb10300ab; -bb; 01204881

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 11.50, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W

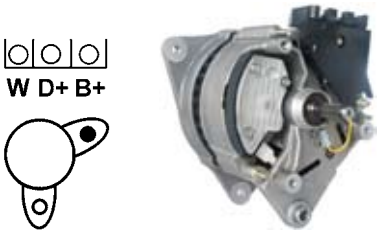


111742 Alternator

Replacing: 5027810; -48; 924f10300ab; 924f10k359ab; 924fx10k359aa; 924x10300ab; r954f10300aa; 24293; -374; 5402

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 12.30, **Mount. bracket dist.** 82.60, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.75, **Rotation** CR, **Terminal** W



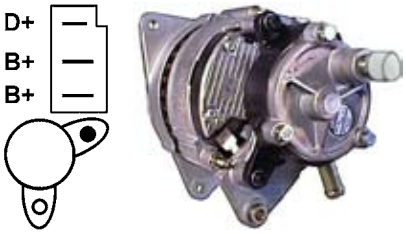
111743 Alternator

Replacing: 914f10300aa; 914f10k359aa; 24316; 54022425; -9; 20110161; LEA0040

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 12.25, **Mount. bracket dist.** 82.50, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.45, **Rotation** CR, **Terminal** W

w/ Vacuum Pump: Cargo 111367

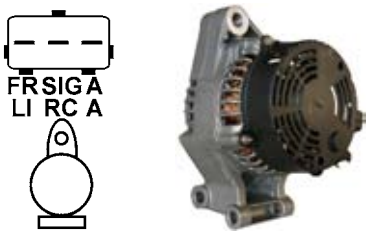


111754 Alternator

Replacing: 5026721; 864f10300fd; -e; 864f10k359fc; -d; r89fx10300aa; 24188; -230; -264; 54022301; -51; -73; -74

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 13, **Width of holder arm** 12.25, **Mount. bracket dist.** 82.70, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.65, **Rotation** CR



111795 Alternator

Replacing: 1090085; 1097305; 98ab10300gc; -d; -e; -f; -g; -j; 63321679; 63341679; 63321279; -697; 63341797; 98A

Servicing: Ford

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 72.00, **Mount. bracket dist.** 53.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 12.50, **Rotation** CR

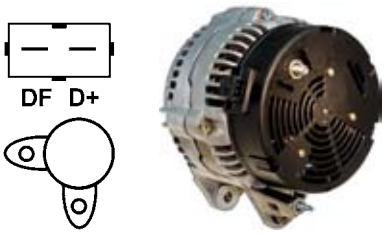


111797 Alternator

Replacing: 1017500; 98vb10k359ba; -b; -c; 98vp10k359ba; -b; a3tn1791; 20110381; 1086299

Servicing: Ford

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.30, **Mount. bracket dist.** 82.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 32.50, **Rotation** CR, **Terminal** W

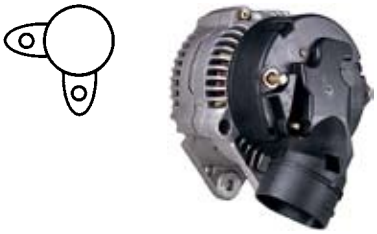


111828 Alternator

Replacing: 0123515017; -20; 1076005; 97VW10300ea; 028903026g

Servicing: VW; Seat; Volvo; Ford

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 39.50, **Rotation** CR

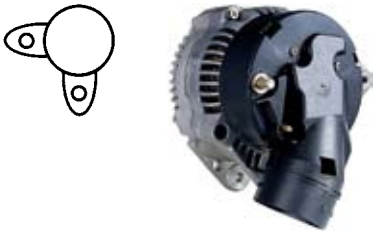


111887 Alternator

Replacing: 0123320021; 7387708; 95VW10300cc; r95VW10300cc

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 28.50, **Rotation** CR

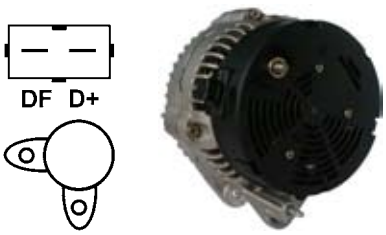


111977 Alternator

Replacing: 0123310027; 7387707; 95VW10300aa; -b; -c; r95VW10300ac

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 28.00, **Rotation** CR



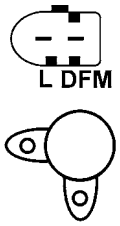
111988 Alternator

Replacing: 0123505011; 0123510027; 0123515014; -8; 1018818; 1031898; 95VW10300aba; r95VW10300aba; 028903018b; -

Servicing: VW; Ford; Seat; Volvo

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 47, **Width of holder arm** 13.90, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



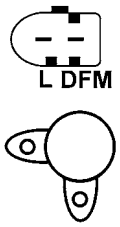


112002 Alternator

Replacing: 0124515010; 1100712; 98VW10300ea; ym2110300aa; lr1120-701; 2542237; -461; sg12b015; -42; 028903028e;

Servicing: Audi; VW; Ford; Seat; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **Width of holder arm** 14.50, **Mount. bracket dist.** 61.80, **Fan** IF, **Pulley** w/o, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W



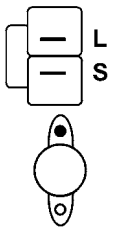


112079 Alternator

Replacing: 0124325001; -12; 98VW10300ca; 038903023l; 98vn10300ca; 9517413; 1100711; 9517483; 11.203.312; aak554

Servicing: VW; Ford; Audi; Seat; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.90, **Fan** IF, **Pulley** w/o, **Rotation** CR



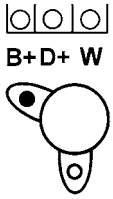


112100 Alternator

Replacing: 92ja10300aa; JE15-18-300; JE34-18-300A; a2t13977; a2t13977x; a2t19677; -777; -877; a2t32899; ab17003

Servicing: Mazda; Mercury

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.30, **Mount. bracket dist.** 66.65, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR





112121 Alternator

Replacing: 1066407; 1071383; 96ff10300dc; 97ab10300aa; -b; -c; -d; -e; 63321244; -669; -691; -724; -730; 633217

Servicing: Ford; Mazda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 14.40, **Mount. bracket dist.** 55.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W





112142 Alternator

Replacing: 1079312; 98ab10300ja; -b; 63321746; -823; 63341746; 63377404; 1M5T10300BA; 98AB10300JC; -HE; -D; -F;

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 63.20, **Fan** IF, **Pulley** w/o, **Rotation** CR



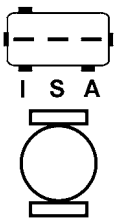


112143 Alternator

Replacing: 1097304; 98ab10300dc; -d; -e; -f; 63321678; 63341678; 98AB10300DB; -G; -H; -J; 9124476603

Servicing: Ford; Lister

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.80, **Mount. bracket dist.** 62.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR



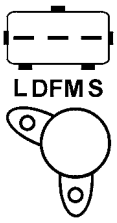


112151 Alternator

Replacing: 1032652; 93bb10300fd; -e; -f; -g; 97bb10300bb; -C; LEA0173

Servicing: Ford

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 57.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR, **Terminal** W





112198 Alternator

Replacing: 0124415006; 1073771; 1085875; 98bb10300bc; -d; -e

Servicing: Ford

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 14.00, **Mount. bracket dist.** 62.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

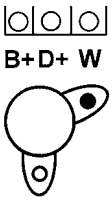



112298 Alternator

Replacing: 9607641280; 9611366880; 9611369580; 9612257180; 11.201.094; a2t37691; a2t37691a; a2ta0291; a2ta0291b

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 26.10, **Mount. bracket dist.** 66.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR



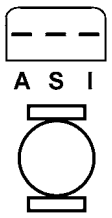


112325 Alternator

Replacing: 1053656; 1074633; 91ff10300ja; -b; 95ff10300aa; -b; -c; r95ff10300ac; a2t14592; a2ta2292; 63321257;

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 14.20, **Mount. bracket dist.** 82.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W



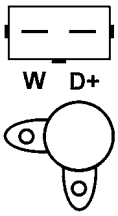


112377 Alternator

Replacing: f5uu10300ca; a8tu0091; F5UZ10346CA

Servicing: Ford

V. 12, **Amp.** 215, **B+ / position** M10, **B+ position in min** 8, **Width of holder arm** 92.40, **Mount. bracket dist.** 74.00, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR



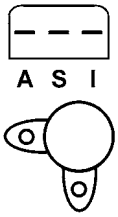


112543 Alternator

Replacing: 0123320032; 98VW10300ba; 038903023h; 0123320031

Servicing: Audi; VW; Skoda; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 62.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 40.00, **Rotation** CR, **Terminal** W





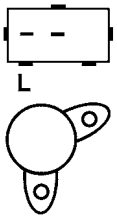
112585 Alternator

Replacing: f6au-10300-ab; f6pz-10346-b; f6zu-10300-aa; -b; gl-429; XL1U10300BB; -C; -D; F75U10300CA; F7PU10346K

Servicing: Ford Usa; Mercury; Lincoln

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 26.00, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 50.00, **Rotation** CR

Replacing: 3G series.





112654 Alternator

Replacing: 1122105; ys6110300bf; 63321711; 63341711; ia9027; 11.209.429; aak5597

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 17.25, **Mount. bracket dist.** 62.60, **Fan** IF, **Pulley** w/o, **Rotation** CR




112680 Alternator

Replacing: 0123310029; -53; b120411528; 5030656; 7355509; 95ab10300db; -c; r95ab10300db; 20110223

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 44, **Width of holder arm** 14.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR, **Terminal** W

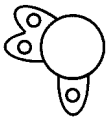



112691 Alternator

Replacing: 0123320014; 7081782; 95gb10300da; -eb; -ka

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.40, **Rotation** CR, **Terminal** W

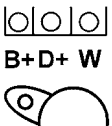



112694 Alternator

Replacing: 0123510031; 7387709; 95VW10300ea; -b; -c

Servicing: Ford

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 28.50, **Rotation** CR





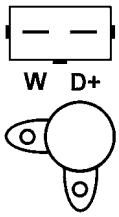
112698 Alternator

Replacing: 7312901; 95gb10300la; -b; -ma; r95gb10300ma; 54022549; 63321324; -43; -44; -422; 63341343; -4

Servicing: Ford

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 28, **Width of holder arm** 14.10, **Mount. bracket dist.** 83.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





112709 Alternator

Replacing: 0123510007; -53; 7361230; 95VW10300ka; -b; r95VW10300kb; 021903025g

Servicing: VW; Ford

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W




112725 Alternator

Replacing: 0120469655; -6; -781; 85gx10300ga

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 13.80, **Mount. bracket dist.** 82.30, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 33.50, **Rotation** CR, **Terminal** W

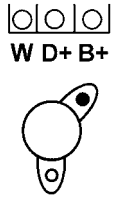



112747 Alternator

Replacing: 0120469008; -30; -102; -519; -520; -521; -585; 11.201.903; 049903015h; aak3318; 01180302; 1702121; 4

Servicing: Iveco; Ford; Renault; Deutz-fahr; Khd

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 38, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 78.70, **Rotation** CR, **Terminal** W



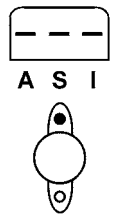


112759 Alternator

Replacing: 0120469870; -1; -4; 89bx10300kc; -nc

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.40, **Rotation** CR, **Terminal** W





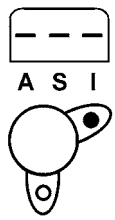
112835 Alternator

Replacing: e7sf10300fa; e6tf10346aa; e6tz10346a; e6zf10300ca; e6zf10346ba; e6zz10346b; e7af10300ba; -ca; e7pf10

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 2, **Width of holder arm** 76.30, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 95.50, **Rotation** CR

Replacing: 2G series.





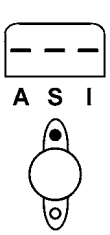
112836 Alternator

Replacing: E7PZ10346G; E9EF10300BA; E69F10346BA; E6DF-10346B; E7PF-10346F; E7TF10300MA; gl222; -6; -9; -30; GL2

Servicing: Ford; Mercury

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 5, **Width of holder arm** 76.30, **Fan** EF, **Pulley** w/o, **Rotation** CR

Replacing: 2G series.





112837 Alternator

Replacing: E57F10300BA; E57F10346BA; e67f10300da; E67F10346CA; E6TZ10346C; E7PF10346CA; -DA; E7PF10346K; E97F10

Servicing: Ford

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 22, **Width of holder arm** 76.20, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 95.50, **Rotation** CR

Replacing: 2G series.





112838 Alternator

Replacing: E7PF10346XA; E7PZ10346N; E7TF10300SA; F0TU10300CA; GL258; E53F10300EA; -HA; E53F10346BA; E69F10346AA

Servicing: Ford; Mercury

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 22, **Width of holder arm** 76.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 95.50, **Rotation** CR

Replacing: 2G series.

112839 Alternator

Replacing: E8PF10346DA; E8TF10300CA; F0TU10300DA; GL260; E8PZ10346C

Servicing: Ford

V. 12, **Amp.** 75, **B+ / position** Plug, **B+ position in min** 22, **Width of holder arm** 76.20, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 95.50, **Rotation** CR

Replacing: 2G series.





112840 Alternator

Replacing: f0pz10346f; E9PF10346CB; E9PF10346C; E0PZ10346F; f0tu10300ha; gl268; -96; E9PZ10346C; e97f10300ab; f

Servicing: Ford

V. 12, **Amp.** 80, **B+ / position** Plug, **B+ position in min** 22, **Width of holder arm** 76.30, **Fan** EF, **Pulley** w/o, **Rotation** CR

Replacing: 2G series.





112841 Alternator

Replacing: E6DF10300BA; -ea; -eb; e6df10346ca; E7DF10300GA; E7PF10346NA; E7PZ10346D; GL240; GL240A; E6DZ10346C;

Servicing: Ford; Mercury

V. 12, **Amp.** 75, **B+ / position** Plug, **B+ position in min** 2, **Width of holder arm** 76.15, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 95.75, **Rotation** CR

Replacing: 2G series.





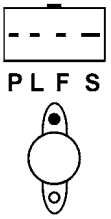
112843 Alternator

Replacing: f09f10300ba; F0PF10346BA; F0PZ10346B; GL283; F09F10300AA; F0PF10346AA; F0PZ10346A; gl282

Servicing: Ford

V. 12, **Amp.** 80, **B+ / position** Plug, **B+ position in min** 22, **Width of holder arm** 53.20/56.50, **Mount. bracket dist.** 74.00, **Fan** EF, **Pulley** w/o, **Rotation** CR

Replacing: 2G series.





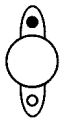
112890 Alternator

Replacing: 10463534; 10480139; 10463533; 10480138; 321-1060; 10463677; -9; 10480200; -2; 321-1110; -2; 1027300;

Servicing: Chevrolet

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.00

Replacing: CS 144.



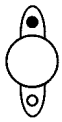

112914 Alternator

Replacing: D8VF10300BA; D9BF10300AA; E1BF10300CA; E1VF10300AA; E7TF10300GA

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 76.35, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 96.75

Replacing: 1G series. Regulator: Cargo 130506.



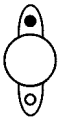

112915 Alternator

Replacing: e8df10300ca; e9pf10346da; E8PF10346BA; E8PZ10346B; E9DF10300EA; E9PZ10346E; F0DU10300DA; F0PU10346RA

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 100, **B+ / position** 1/4" UNC, **B+ position in min** 40, **Width of holder arm** 76.20, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 100.50, **Rotation** CR

Replacing: 1G series.




112916 Alternator

Replacing: e99f10300ab; E9PF10346AB; E9PZ10346B; F0PZ10346E; F0TU10300FA; GL267; -95; E9PF10346AA

Servicing: Ford; Mitsubishi

V. 12, **Amp.** 80, **Width of holder arm** 76.00, **Fan** EF

Replacing: 2G series.





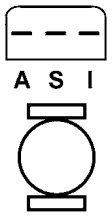
112917 Alternator

Replacing: E8PF10346CB; E9EF10300AA; gl262a; E9PZ10346D; E8EF10300AB

Servicing: Ford

V. 12, **Amp.** 80, **B+ / position** Plug, **B+ position in min** 5, **Width of holder arm** 76.10, **Fan** EF, **Pulley** w/o, **Rotation** CR

Replacing: 2G series.





112918 Alternator

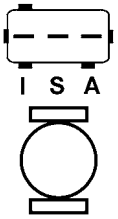
Replacing: F7PU10300JA; F7PU10346JA; gl405; -90; F7PZ10346JA

Servicing: Ford

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.45, **Mount. bracket dist.** 73.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.45, **Rotation** CR

Replacing: 3G series.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





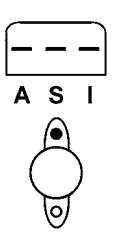
112919 Alternator

Replacing: 97bb10300ac; f7pu-10346-fa; f7rz-10346-fa; gl391; f7pu10346fa; f7rz10346fa

Servicing: Mercury; Ford

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.45, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.50, **Rotation** CR

Replacing: 3G series.





112920 Alternator

Replacing: F0DF10300BA; F0DU10300BB; -C; F0DZ10346C; -E; F58U10300AA; gl301; F0PU10346AD; F0DZ10346B; f58z10346

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 76.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 98.00, **Rotation** CR

Replacing: 3G series.





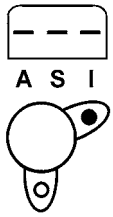
112921 Alternator

Replacing: F1VY10346B; F3VU10300AA; gl312; f1vu10300bb; -c; F1VY10346B

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 25.70, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 51.00, **Rotation** CR

Replacing: 3G series.





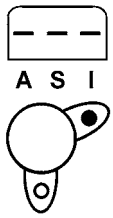
112922 Alternator

Replacing: E9DF10300CA; E9DZ10346B; F0DF10300AA; F0DU10300AA; -B; -C; F0DZ10346A; F0PU10346MC; gl277; F13U10300

Servicing: Ford; Mercury

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 76.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 98.00, **Rotation** CR

Replacing: 3G series.





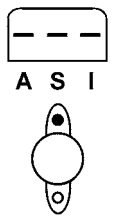
112923 Alternator

Replacing: F2UU-10300-EA; F2UU-10346-DA; GL-321; F2UU10300EA; F6UU10300AA; F2PU10346GA; F2UU10346DA; F2UZ10346C

Servicing: Ford

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 76.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 98.00, **Rotation** CR

Replacing: 3G series.





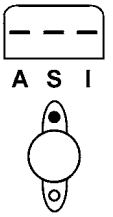
112924 Alternator

Replacing: F2UU-10300-FA; F6PU-10346-XA; F6PZ-10346-XA; F6UU-10300-DA; GL-390; F2UU-10300-DC; F2UU10300DC; -FA;

Servicing: Ford

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 76.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 102.50, **Rotation** CR

Replacing: 3G series.





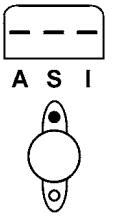
112925 Alternator

Replacing: F2UU-10300-BE; GL-319; F2UU10300BE; GL319

Servicing: Ford

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 76.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 100.50, **Rotation** CR

Replacing: 3G series.





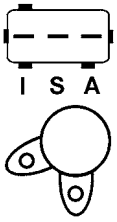
112926 Alternator

Replacing: F1DU-10300-AD; -E; F1DU-10346-AE; f1dz-10346-a; -B; GL-314; F1DU10300AD; -E; F1DU10346AE; F1DZ10346B

Servicing: Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 76.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 100.50, **Rotation** CR

Replacing: 3G series.





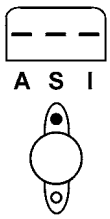
112927 Alternator

Replacing: F3PU-10346-AC; F6AZ-10346-AA; F6PU-10346-AA; GL-317; F3AU-10300-AC; F3AU10346AC; F3AU10300AC; -ba; F

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 130, **B+ / position** M5, **B+ position in min** 55, **Width of holder arm** 25.30, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 49.50, **Rotation** CR

Replacing: 3G series.





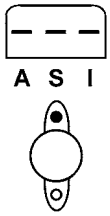
112928 Alternator

Replacing: F1SU-10300-BA; F29U-10300-AB; F69U-10300-AA; F2PU-10346-FC; F2UU-10346-CD; F6PU-10346-KA; F6PZ-10346

Servicing: Ford

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 76.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 98.00, **Rotation** CR

Replacing: 3G series.





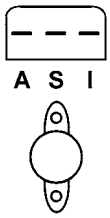
112929 Alternator

Replacing: F0PU-10346-CA; -NC; F0VF-10300-AA; F0VU-10300-AB; -C; F0VY-10346-A; GL-279; F0PU10346CA; -NC; F0VF10

Servicing: Lincoln

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 76.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 97.60, **Rotation** CR

Replacing: 3G series.





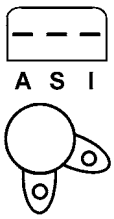
112931 Alternator

Replacing: F3DU-10300-BB; GL-329; GL329; F3DU10300BB

Servicing: Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 77.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 97.00, **Rotation** CR

Replacing: 3G series.





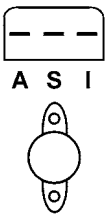
112932 Alternator

Replacing: f3az10346a; F3AU-10300-CA; F3AU10300CA; F5AU10300AA

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 25.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 49.00, **Rotation** CR

Replacing: 3G series.





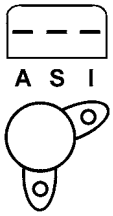
112933 Alternator

Replacing: F4ZU-10300-DA; F4PZ-10346-B; F4SU-10300-AB; F8ZU-10300-AA; GL-344; F4ZU10300DA; GL344; F4PZ10346B; F

Servicing: Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 76.25, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 97.00, **Rotation** CR

Replacing: 3G series.





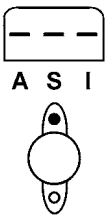
112934 Alternator

Replacing: F4DU-10300-AA; F4PZ-10346-C; F4PU-10346-CA; F4OU-10300-CA; GL-342; F4DU10300AA; F4PU10346CA; F4PZ103

Servicing: Ford

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 12.40, **Mount. bracket dist.** 80.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR

Replacing: 3G series.





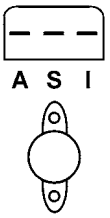
112935 Alternator

Replacing: F5HT10300BA; F5HZ10346E; F5PU10346EA; F6HT10300KA; -MA; F5HT-10300-BA; F5HZ-10346-E; F5PU-10346-EA;

Servicing: Ford

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 76.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 101.00, **Rotation** CR

Replacing: 3G series.





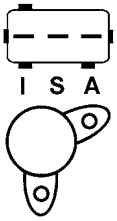
112936 Alternator

Replacing: F3PU10346CA; F4PU10346D; F6DU10300FA; F3PU-10346-CA; F4DU-10300-AD; F6DU-10300-FA; F6PU-10346-AAE; F

Servicing: Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 76.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 97.50, **Rotation** CR

Replacing: 3G series.





112937 Alternator

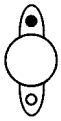
Replacing: f4pu10346aa; f5rz10346a; f6rz10346aa; F6PU-10300-AA; gl-386; 94bb10300ae; -f; -h; F6PU10300AA; f4pu1

Servicing: Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 12.40, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 35.50, **Rotation** CR

Replacing: 3G series.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

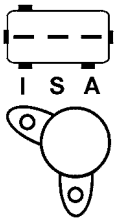



112938 Alternator

Replacing: F4DU-10300-CA; F58U-10300-AB; F58Z-10346-ARM; F5PU-10346-CA; F4DU10300CA; F58U10300AB; F58Z10346ARM;

Servicing: Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 76.00, **Fan** IF
Replacing: 3G series.



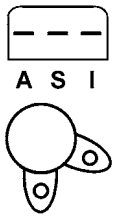


112939 Alternator

Replacing: 96BB10300AB; F5RU-10346-BC; F5RZ-10346-BB; F6RZ-10346-BB; F5RU10300BA; F5RU10346BC; F5RZ10346BB; F6R

Servicing: Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 25.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.00, **Rotation** CR
Replacing: 3G series.



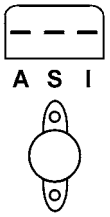


112940 Alternator

Replacing: F65U-10300-EA; F6PZ-10346-RA; GL-372; F65U10300EA; F6PZ10346RA; F7UU10300AB; GL372

Servicing: Ford

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 25.30, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 48.50, **Rotation** CR
Replacing: 3G series.





112941 Alternator

Replacing: F7CZ-10346-CB; F7CU-10300-CB; F7PU-10346-CB; GL-367; F7CU10300CB; F7CZ10346CB; F7PU10346CB; GL367

Servicing: Ford; Mercury

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.40, **Mount. bracket dist.** 66.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.35, **Rotation** CR
Replacing: 3G series.





112942 Alternator

Replacing: GL-384; -406; F5OU-10300-FB; F6OU-10300-AA; -B; F6OY-10346-AA; f8oz-10346-ca; GL434; GL434RM; F5OU10

Servicing: Lincoln; Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 30.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.50, **Rotation** CR
Replacing: 4G series.



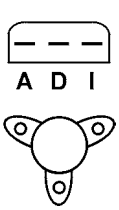


112943 Alternator

Replacing: F6LU-10300-CA; -B; -C; -D; F6LY-10346-A; F6ZU-10300-BB; -C; -E; -G; F6ZZ-10346-B; GL-356; -7; F6LU10

Servicing: Ford; Lincoln

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 30.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.00, **Rotation** CR
Replacing: 4G series.





112944 Alternator

Replacing: F6DU-10300-BB; -C; -D; F6DZ-10346-B; GL-355; gl452; GL452RM; F6DU10300BB; -C; -D; F6DZ10346B; GL355;

Servicing: Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 45.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 74.35, **Rotation** CR
Replacing: 4G series.





112945 Alternator

Replacing: F68U-10300-AD; F68Z-10346-AD; f78u-10300-aa; F78Z-10346-AA; GL-370; -83; F68U10300AD; F68Z10346AD; f

Servicing: Ford

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 50.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.50, **Rotation** CR
Replacing: 4G series.





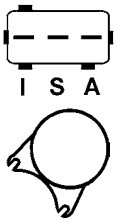
112946 Alternator

Replacing: F77U-10300-AB; F77Z-10346-AB; GL-363; XL2Z-10346-AA; gl423; GL423RM; F77U10300AB; F77Z10346AB; GL363

Servicing: Ford; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 55.50, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR

Replacing: 4G series.





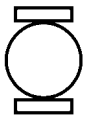
112947 Alternator

Replacing: GL-407; F8AU-10300-AB; -C; F8AZ-10346-AB; F8AU10300AB; -C; F8AZ10346AB; GL407

Servicing: Lincoln; Mercury; Ford

V. 12, **Amp.** 135, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 25.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.35, **Rotation** CR

Replacing: 6G series.



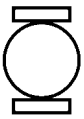

112948 Alternator

Replacing: f81u-10300-cc; f81z-10346-ca; F81U-10300-CD; -E; GL-410; f81u10300cc; -D; -E; f81z10346ca; GL410

Servicing: Ford

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 55.50, **Mount. bracket dist.** 75.00, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR

Replacing: 6G series.




112949 Alternator

Replacing: F81U-10300-EB; F81Z-10346-EA; gl412; GL412RM; F81U10300EB; F81Z10346EA

Servicing: Ford

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 55.00, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR

Replacing: 6G series.




112950 Alternator

Replacing: F81U-10300-GA; F81Z-10346-GA; gl422; GL422RM; F81U10300GA; F81Z10346GA

Servicing: Ford

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 54.60, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR

Replacing: 6G series.





112951 Alternator

Replacing: gl425; XF2U-10300-AB; XF2Z-10346-AA; XF2U10300AB; XF2Z10346AA

Servicing: Ford

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 76.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 98.00, **Rotation** CR

Replacing: 6G series.





112952 Alternator

Replacing: XS9110300BB; 98bb-10300-cc; F8RZ-10346-CC; XS8Z-10346-BB; XS91-10300-BB; GL-431; XS91-10300-BC; GL41

Servicing: Ford; Mercury

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 14.00, **Mount. bracket dist.** 63.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

Replacing: 6G series.





112953 Alternator

Replacing: F81U-10300-DB; -C; F81Z-10346-DA; F81U-10300-DD; -E; gl-411; F81U10300DB; -C; -D; -E; F81Z10346DA; g

Servicing: Ford

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 55.50, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR

Replacing: 6G series.





112954 Alternator

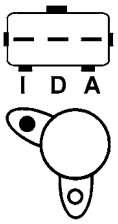
Replacing: XR3U-10300-AA; XR3Z-10346-AA; XR3U-10300-AB; gl424; GL424RM; XR3U10300AA; -B; XR3Z10346AA

Servicing: Ford

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 25.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.00, **Rotation** CR

Replacing: 6G series.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





112955 Alternator

Replacing: xr8u10300ce; XR8U-10300-CE; XR8Z-10346-CE; gl437; GL437RM; gl450; GL450RM; XR8Z10346CE; xw4z10346bn;

Servicing: Lincoln; Ford

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 76.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 97.75, **Rotation** CR

Replacing: 6G series.





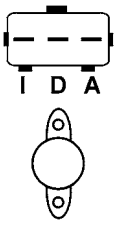
112956 Alternator

Replacing: XF2Z-10346-BA; XF2U-10300-BC; gl426; GL426RM; XF2U10300BC; XF2Z10346BA

Servicing: Ford

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.50, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR

Replacing: 6G series.





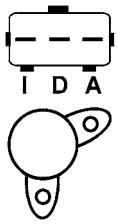
112957 Alternator

Replacing: yf1z-10346-fa; YF1U-10300-FA; -DA; -B; YF1Z-10346-DA; gl448; GL448RM; gl453; GL453RM; YF1U10300DA; -

Servicing: Ford; Mercury

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 46, **Width of holder arm** 76.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 98.70, **Rotation** CR

Replacing: 6G series.





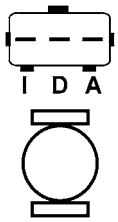
112958 Alternator

Replacing: 1l8u10300ab; -C; 1L8Z10346AB; 1L8Z-10346-AB; 98az-10346-ea; 98ab-10300-eb; 1l8u-10300-ab; -C; yf09-1

Servicing: Ford; Mazda

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 6, **Width of holder arm** 14.25, **Mount. bracket dist.** 63.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.85, **Rotation** CR

Replacing: 6G series.





112959 Alternator

Replacing: 98AB-10300-FC; 98AZ-10346-FA; gl455; GL455RM; 98AB10300FC; 98AZ10346FA

Servicing: Ford

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.00, **Mount. bracket dist.** 75.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.00, **Rotation** CR

Replacing: 6G series.





112960 Alternator

Replacing: XS8Z-10346-AA; XS91-10300-AE; XS8Z10346AA; XS9110300AE

Servicing: Ford; Mercury

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 55.00, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.00, **Rotation** CR

Replacing: 6G series.



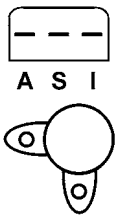

112961 Alternator

Replacing: 1L8U10300CD; -E; 1L8Z10346CB; 1L8Z-10346-CB; 1L8U-10300-CD; -E; gl463; aj03-18-300a

Servicing: Ford; Mazda

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 55.20, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.50, **Rotation** CR

Replacing: 6G series.





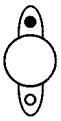
112962 Alternator

Replacing: F65U-10300-BB; F85U-10300-BA; F85U10300BA; F65U10300BB

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 25.75, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 49.65, **Rotation** CR

Replacing: 3G series.




112993 Alternator

Replacing: 19010157; -66; F3HT-10300-HB; F3HZ-10346-H; gl-332; 19010120; -36; -37; -54; -58; -59; -60; -61; -62

Servicing: Volvo; International; Ford; Cummins

V. 12, **Amp.** 130, **B+ / position** 1/4" UNF, **B+ position in min** 50, **Width of holder arm** 14.20, **Mount. bracket dist.** 101.50, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W

Replacing: 21SI. Neg. ground. One wire system. B+ 1/4".



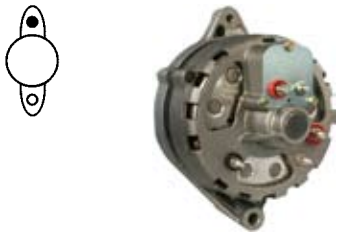
113000 Alternator

Replacing: 3004806; 3603877rx; 3604877rx; 10459001; -4; -8; 1117732; -6; -42; -800; -803; -804; -806; -808; 321

Servicing: Volvo; International; Chevrolet; GMC; Ford; Freightliner; Kenworth; Mack; Case

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.75, **Mount. bracket dist.** 101.55, **Fan** EF, **Pulley** w/o, **Rotation** CR

Replacing: 30SI. Neg. ground.



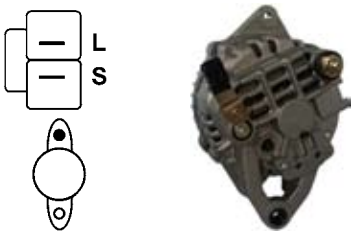
113013 Alternator

Replacing: D3HF-10300-AA; D4HF-10300-BA; D4HF-10346-BA; D4HZ-10346-B; gl-94; D3HF10300AA; D4HF10300BA; D4HF1034

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** 1/4" UNC, **B+ position in min** 18, **Width of holder arm** 75.80, **Fan** w/o, **Pulley** w/o

Replacing: 1G series. Regulator: Cargo 130506.

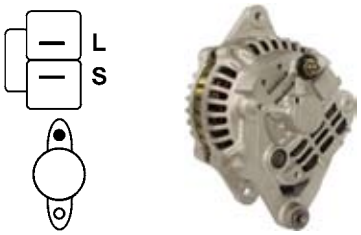


113029 Alternator

Replacing: F02Z-10346-C; -E; -G; gle-290; -303; -306; f288-18-300a; -B; -D; F2F8-18-300; F2F8-18-300C; a2t20091

Servicing: Mazda

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 12.70, **Mount. bracket dist.** 65.60, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR

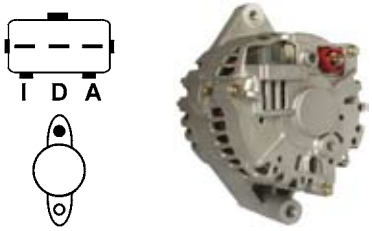


113031 Alternator

Replacing: F02U-10300-AA; F02Z-10346-A; F33U-10300-BA; F33Z-10346-A; GLE-274; -339; a3t00896; a3t00896zc; a3t12

Servicing: Ford; Mercury

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 59, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.70, **Rotation** CR



113127 Alternator

Replacing: F81U-10300-BC; F81Z10346BA; F81U10300BD; gl-409; f81410300bd; F81U10300BC; gl409

Servicing: Ford

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 76.00, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 101.85, **Rotation** CR

Replacing: 6G series.

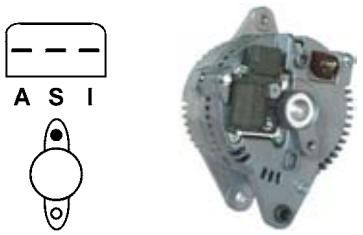
113233 Alternator

Replacing: E2GZ-10346-A; -B; -C; E2DF10300AA; E43F10300GA; E1EF10346BA; -CA; E1FZ10346A; -B; E1FZ10346CA; E1GF1

Servicing: Ford; Lincoln; Mercury

V. 12, **Amp.** 60, **Fan** EF, **Pulley** w/o

Replacing: 2G series.



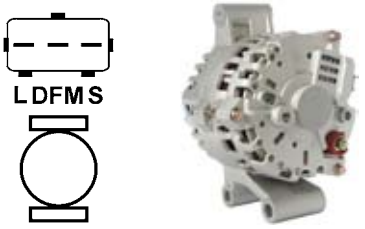
113236 Alternator

Replacing: F0CF-10300-AA; F0CO10300AD; F0CU10300AA; -B; -C; FOCU10346A; F0PU10346DA; -D; GL-276; F23U-10300-CA;

Servicing: Ford; Mercury

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.10, **Mount. bracket dist.** 64.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.50, **Rotation** CR

Replacing: 3G series.

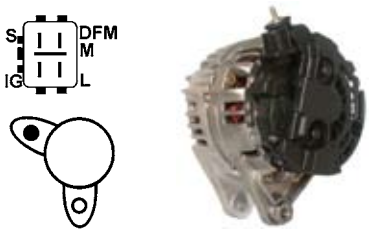


113285 Alternator

Replacing: 0124315019; -27; yc1t10300bc; -d; -e; -g; -h; -j; 0124315100; 4098414;

Servicing: Ford

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 17, **Width of holder arm** 55.25, **Mount. bracket dist.** 74.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 38.60, **Rotation** CR



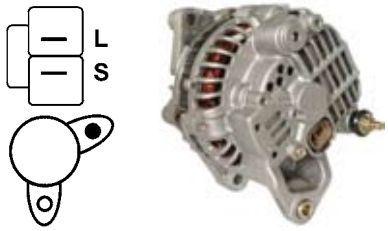
113296 Alternator

Replacing: f1vu11000aa; 0124315024; 27060-0d030; 0124315016; 27060-0d020

Servicing: Toyota

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.85, **Mount. bracket dist.** 40.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.45, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

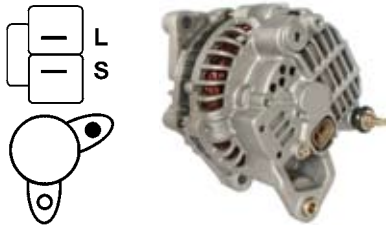


113368 Alternator

Replacing: F3XA10300AB; -C; F3XY10346A; gl-322; gle-328; a4t01192; a4t01192zc; a4t02591zc; 23100-0b000; A4T0259

Servicing: Mercury; Nissan

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 25.30, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR

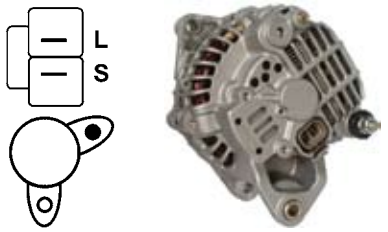


113369 Alternator

Replacing: A3TA1091; F6XA10300AA; -B; F6XZ10346AA; F8XA10300AA; F8XZ10346AA; gl-362; -420; a3ta1091zc; 23100-1b

Servicing: Mercury; Nissan

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 19, **Width of holder arm** 25.45, **Mount. bracket dist.** 80.75, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR

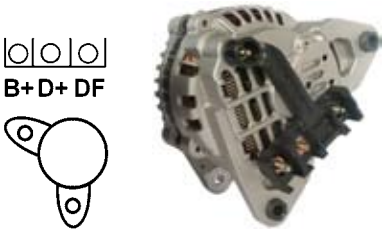


113370 Alternator

Replacing: A3TA5691; gl-421; XF5210300AC; XF5Z10346AA; 23100-7B000; gl421

Servicing: Mercury; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 18, **Width of holder arm** 25.50, **Mount. bracket dist.** 80.65, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 40.85, **Rotation** CR



113447 Alternator

Replacing: 0123310023; 1036244; 96fb10300dc; -d; r96fb10300dd; 0123310050; -4; 96fb10300de

Servicing: Ford; Mazda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 13.90, **Mount. bracket dist.** 80.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR

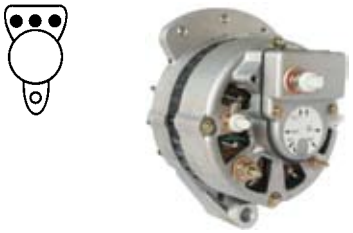


113529 Alternator

Replacing: 11.201.087; 63321753; -347; 11.203.087; aak5354; 11.203.088; aak5355; 82010243; 82014508; 63321345;

Servicing: Ford; New Holland

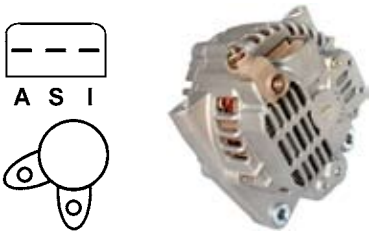
V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.10, **Mount. bracket dist.** 83.30, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 32.00, **Rotation** CR, **Terminal** W



113548 Alternator

Replacing: 8ma2015t; E9NN10300AA

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 36, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR

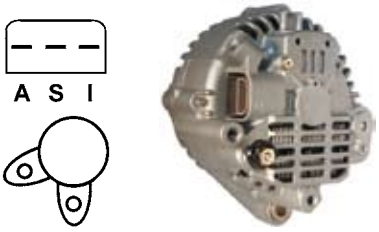


113553 Alternator

Replacing: A6T41491; F3LU10300BA; -B; -C; F3LY10346A; gle326

Servicing: Lincoln

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 31.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.50, **Rotation** CR

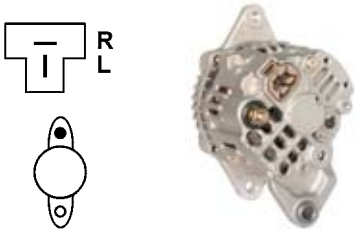


113554 Alternator

Replacing: A6T41591; 4606; f3du10300cb; f3dz10346a; gle327

Servicing: Ford

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 31.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.00, **Rotation** CR

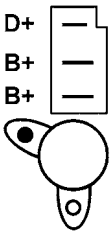


113562 Alternator

Replacing: 185046320; a7t03877; sba185046320

Servicing: Ford; New Holland

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.90, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR



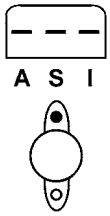


113574 Alternator

Replacing: 23680; 9ar2919p; 24049; 3477851R91; 3538541M91; na066; 11.201.276; aak4118; 0120489958; -9; 81db1030

Servicing: Case; New Holland; Valmet

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 10.40, **Mount. bracket dist.** 90.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.85, **Rotation** CR, **Terminal** W





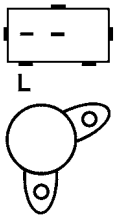
113582 Alternator

Replacing: f6pu10300ua; f6pu10346ua; f6pz10346ua; gl408

Servicing: Ford; Ford Usa; Mercury

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR

Replacing: 3G series.





113599 Alternator

Replacing: 63321758; 63341758; YS6110300CA; ys1610300cc

Servicing: Ford

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 38, **Width of holder arm** 16.70, **Mount. bracket dist.** 53.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.20, **Rotation** CR




113621 Alternator

Replacing: 63321743; -817; 1c1t10300bb

Servicing: Ford; New Holland

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.10, **Mount. bracket dist.** 83.35, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.55, **Rotation** CR




113623 Alternator

Replacing: 63324295; 24295a; 54022626; 24414; -5; 63324385; F2NN10B376CA; 24384; 54022525; 63324384; f0nn10b376

Servicing: Honda; Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.60, **Fan** w/o, **Pulley** w/o, **Terminal** W

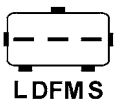



113624 Alternator

Replacing: 0120488129; 54022187; 1012257; 54022665; -93; 24404; 54022574

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.75, **Mount. bracket dist.** 82.95, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W



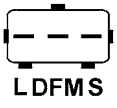


113708 Alternator

Replacing: 1s7t10300ce; 1s7tt10300cb; -c; 1120213; 1140694; 1191213; 1s7t10300cd; 1151213

Servicing: Ford

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 17, **Width of holder arm** 55.00, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 41.00, **Rotation** CR





113709 Alternator

Replacing: 1s7t10300bc; -db; 1131820; 1140696; 1151212; 1211891; 1s7t10300dc; 1120211; 1124015; 20-150-01006; 1

Servicing: Ford

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 19, **Width of holder arm** 55.00, **Mount. bracket dist.** 86.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR





113710 Alternator

Replacing: 2T1U10300AH; -CD; -CE; -CF; 1229421; 4531025; -6; 2T1U10300AK; -BD; -ca; -CB; -CC; 1429688; -9; 1464

Servicing: Ford

V. 12, **Amp.** 110, **B+ / position** M5, **B+ position in min** 5, **Width of holder arm** 14.00, **Mount. bracket dist.** 69.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

113744 Alternator

Replacing: 3C3T10300BA; -B; 3C3Z10346BA; 4C3T10300BA; -b; 4C3Z10346BA; GL552; -70; 6C2T10300DA; 6C2Z10346DA; GL

Servicing: Ford

V. 12, **Amp.** 135, **Fan** IF, **Pulley** Serpentine Pulley

113747 Alternator

Replacing: A4T50181; A4TJ0181; 4W7Z10346AC; 4W7310300AC; fw7310346ac

Servicing: Ford

V. 12, **Amp.** 190, **Fan** IF, **Grooves in pulley** 6, **Pulley** Free-wheeling

113765 Alternator

Replacing: E2HF10346BA; E2HT10300DB; -FA; E2HF10346AA; 87HU10300AA; E2HT10300EB; -GA; E4HT10300AA; EZHT10346EB;

V. 12, **Amp.** 90

113779 Alternator

Replacing: 2f1u10300ba; -b; 2f1z10346ba

V. 12, **Amp.** 130, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley

113780 Alternator

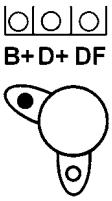
Replacing: 6GSERIES; 4l3u10300ba; 4l3z10346bb; -A; 6l3z10346aa; 7l3t10300aa; 7l3z10346a

V. 12, **Amp.** 130, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley

113781 Alternator

Replacing: a3tj0891zc; 6e5t10300ab; -d; 6e5z10346aa; 7e5t10300aa

V. 12, **Amp.** 150, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley





113833 Alternator

Replacing: 0123320050; -67; 1025547; 1032333; 1135454; 97kb10300aa; -b

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 13.80, **Mount. bracket dist.** 78.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.
DF M5



113849 Alternator

Replacing: 104210-3522; -11; -12; 1229258; 1255712; 1477737; 30667067; 3m5t10300pb; -C; -d; 8666579; 63377416;

Servicing: Ford; Mazda; Volvo; VW

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 21.00, **Mount. bracket dist.** 45.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 42.50, **Rotation** CR



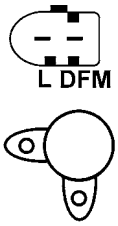


113883 Alternator

Replacing: TG9C013; 2542736; 2S6T10300FA; 3S5T10300AA; 1229424; 1145715

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 54.87, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.58, **Rotation** CR



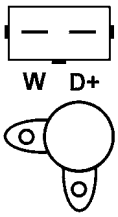


113884 Alternator

Replacing: 0124615006; -17; -38; ym2110300ca; 1118206; 021903026A; 022903028a; 074903025S

Servicing: VW; Ford; Seat

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.35, **Mount. bracket dist.** 61.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 38.50, **Rotation** CR





113885 Alternator

Replacing: 0123520002; 0101542102; A0101542102; 021903025c; 028903025c; 028903025CX; 95VW10300sa; R95VW10300SA;

Servicing: Audi; Ford; VW; Mercedes-Benz; Seat

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 44, **Width of holder arm** 14.15, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 42.85, **Rotation** CR, **Terminal** W

Miscellaneous

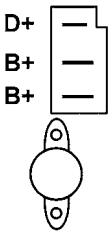


113696 Starter

Replacing: 185086530; 228000-5120; -1; 228000-2970; sba185086530; 228000-5122

Servicing: Ford; New Holland

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 219.00, **O1** 122.30, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



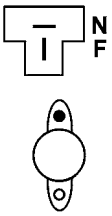


110107 Alternator

Replacing: lr150-190; -1; 24033; -124; -204; 1699872m1; -r1; 432984qo; 510-187; -298; -299; -300; -301; -315; -

Servicing: Massey Ferguson

V. 12, **Amp.** 55, **B+ / position** 6.3, **B+ position in min** 17, **Width of holder arm** 27.00, **Fan** w/o, **Pulley** w/o



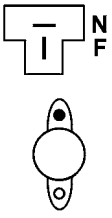


110128 Alternator

Replacing: lt125-06; lt125-06b; lt125-65; lt130-72; lt130-72b; lt133-03; -4; -5; lt133-05b; lt135-13; lt135-13b

Servicing: Tcm; Nissan; Komatsu; Chevrolet; Subaru

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 11.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 38.50, **Rotation** CR



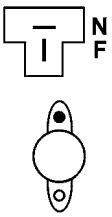


110129 Alternator

Replacing: lt140-126; lt150-03; -5; lt150-05b; lt150-10; -2; lt150-129; -30; -3b; lt150-16; -7; -23; lt150-23b;

Servicing: Nissan; Subaru; Isuzu

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.00, **Rotation** CR



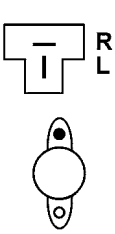


110131 Alternator

Replacing: lt145-42; lt150-04; lt150-122; -3; lt150-123b; lt150-125; lt150-13; -8; lt150-188; lt150-19; -22; lt

Servicing: Isuzu; Nissan; Chevrolet

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 40.75, **Rotation** CR



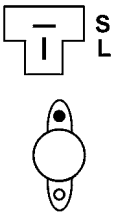


110134 Alternator

Replacing: lr150-165; 5812003470; HE41-18-300; HE45-18-300; a2t23474; -7; a5t20377; -87; 1480-18-300; 8173-18-3

Servicing: Mazda

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 12.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 40.50, **Rotation** CR





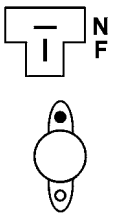
110168 Alternator

Replacing: lr150-100; -1; lr150-101b; lr150-125; lr150-125b; lr150-177; lr150-31; -5; -6; -50; -52; -53; -58; -

Servicing: Nissan

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR

Abbrevations, see first pages.
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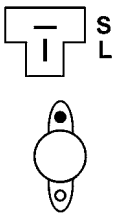
110259 Alternator

Replacing: lt150-113; lt150-113b; -4b; lt150-120; lt150-21; -54; -62; -72; 32990-5300; -10; 32990-7000; -10; -2

Servicing: Subaru; Nissan

V. 12, **Amp.** 40, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR

Regulator: Cargo 131025



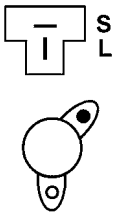


110264 Alternator

Replacing: lr135-107; -8; -32; -33; lr135-61; lr135-61b; lr135-70; lr135-70b; lr138-01; lr140-132; -3; a1t02871

Servicing: Nissan

V. 12, **Amp.** 40, **B+ / position** M5, **B+ position in min** 7, **Width of holder arm** 13.20, **Mount. bracket dist.** 80.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



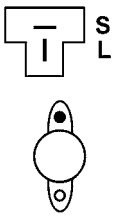


110265 Alternator

Replacing: lr160-104; -13; -25; lr160-93; a3t33772; 23100-01e00; 23100-06s00; 23100-d0201; -11; 23100-d1700; lr

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 60, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 39.00, **Rotation** CR



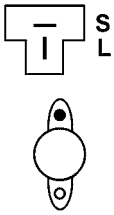


110267 Alternator

Replacing: lr150-110; lr150-110c; lr155-15; lr155-15b; -c; lr160-137; -8; 42990-7340; lr155-17; -25

Servicing: Subaru

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.00, **Rotation** CR



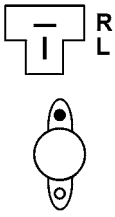


110307 Alternator

Replacing: lr160-105; lr160-109c; lr160-116; -21; -24; lr160-77; -8; lr160-78b; a2t14472; a2t40971; -2; a3t0297

Servicing: Mazda; Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 8, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR



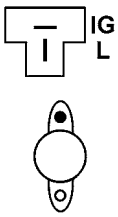


110383 Alternator

Replacing: lr150-30; lr150-30b; N222-18-300; a2t23494; a2t31677; -977; a2t40374; -7; a3t20777; a3t21277; -8; -6

Servicing: Mazda; Nissan

V. 12, **Amp.** 65, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



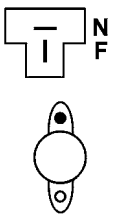


110385 Alternator

Replacing: lr140-128; a1t33771; 42990-5600; 31400-80010; -1

Servicing: Suzuki; Bedford; Subaru

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.60, **Rotation** CR





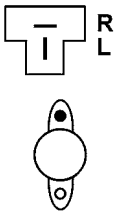
110418 Alternator

Replacing: lt135-68; 23100-c6000

Servicing: Nissan; Ford; Tcm

V. 12, **Amp.** 35, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.00, **Rotation** CR

Regulator: Cargo 130620



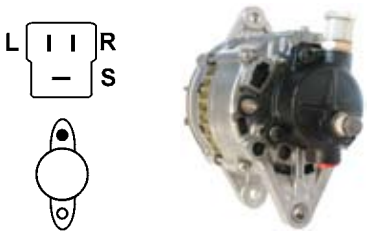


110448 Alternator

Replacing: lr220-23; 5812003300; a1t70783; lr220-24; 5812003350

Servicing: Mitsubishi

V. 24, **Amp.** 20, **B+ / position** M5, **B+ position in min** 20, **Width of holder arm** 13.50, **Mount. bracket dist.** 81.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR

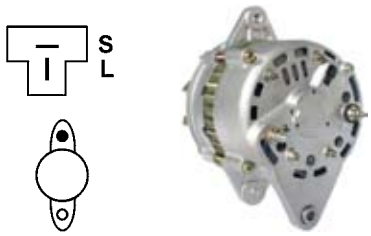


110457 Alternator

Replacing: Ir160-401; Ir160-401c; a3t32997; a3t33684; -98; 23100-17s15; 23100-18a00; -1; 23100-g3716; Ir160-401

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR

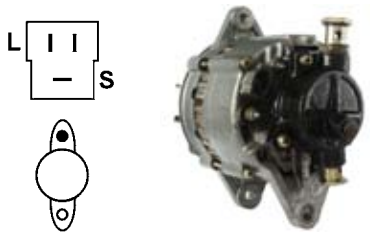


110458 Alternator

Replacing: Ir160-44; -82; Ir160-82b; Ir160-84; Ir160-84b; 23100-v0101; -2; -6; -7; 23100-w1805; 23100-y0102

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR, **Terminal** W

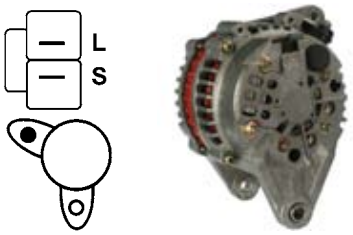


110567 Alternator

Replacing: Ir225-403; Ir225-60; -5; Ir225-65c; -e; -p; -7b; -7p; 23099-c6802; -4; -5; -6; -8; 23099-c8600; 2309

Servicing: Nissan

V. 24, **Amp.** 25, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 13.67, **Mount. bracket dist.** 81.12, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.10, **Rotation** CR

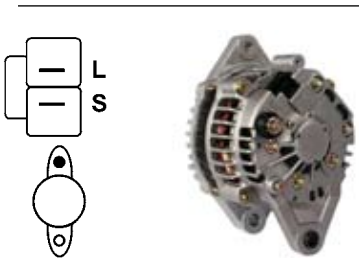


110630 Alternator

Replacing: Ir170-715; Ir170-715b; Ir170-716; Ir170-716b; 54022338; a2t48292; -8; 23100-d4400; -5; -10; -15

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 19.88, **Mount. bracket dist.** 81.30, **Fan** EF, **Grooves in pulley** 6/4, **Pulley** Serpentine Pulley, **Pulley distance** 35.35, **Rotation** CR

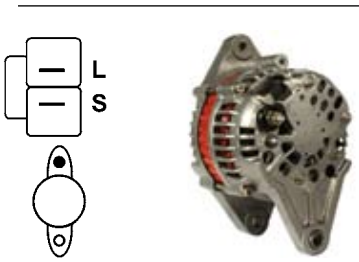


110631 Alternator

Replacing: Ir165-708; Ir165-708b; -c; -e; Ir170-738; Ir170-738b; -c; -e; a5t03092; -192; a5t04392; a5t04392a; -

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 24.85, **Mount. bracket dist.** 82.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 14.90, **Rotation** CR

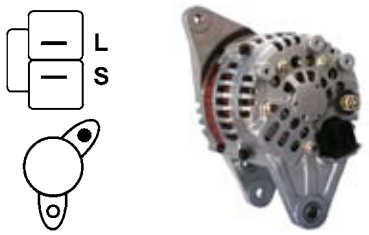


110632 Alternator

Replacing: Ir165-707; Ir165-707b; a5t00192; 23100-77a00; -10

Servicing: Nissan

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 25.00, **Mount. bracket dist.** 80.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.80, **Rotation** CR

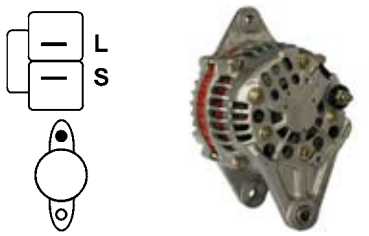


110671 Alternator

Replacing: Ir160-707; -8; -9; a2t42571; a2t43372; a2t45771; 23100-02e00; -5; -11; -15; -16; 23100-08e10; -1; -5

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR

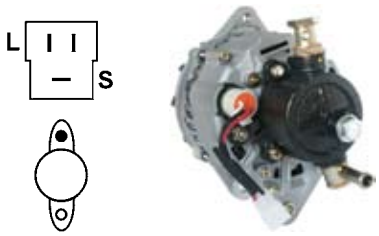


110693 Alternator

Replacing: Ir160-715; a5t41592; a5t41592b; a5t41792; 23100-53a00; -10; -11; 23100-56a10; -1

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.80, **Rotation** CR



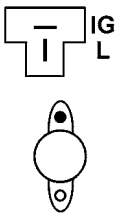
110694 Alternator

Replacing: Ir140-119; Ir140-119c; Ir140-130; Ir140-130b; -p; Ir140-402; -8; 23099-09w10; 23099-34w01; 23099-r81

Servicing: Nissan

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 43, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



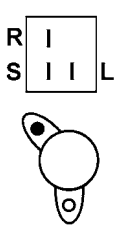


110696 Alternator

Replacing: Ir140-701; -3; -5; Ir145-701; Ir145-701b; -c; -f; Ir145-701ga; -b; Ir145-710; 8970887070; a7t30271;

Servicing: Subaru

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.00, **Rotation** CR



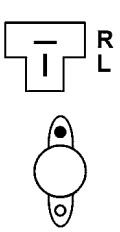


110697 Alternator

Replacing: Ir150-136b; -e; Ir150-201; Ir150-201b; Ir150-205; Ir150-205b; 5812003161; -3; 8944017932; 8944050440

Servicing: Isuzu; Opel; Chevrolet

V. 12, **Amp.** 50, **B+ / position** 9.3, **Width of holder arm** 13.25, **Mount. bracket dist.** 98.65, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.85, **Rotation** CR



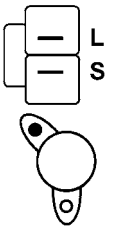


110699 Alternator

Replacing: Ir150-407; -10; Ir150-410b; -c; Ir150-410ca; Ir150-410f; -g; Ir150-419; Ir150-419b; -f; -g; -50b; Ir

Servicing: Mazda; Ford

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.90, **Rotation** CR



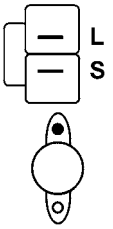


110700 Alternator

Replacing: Ir150-428e; -s; -t; -43s; -43t; 23100-43g04; -6; -8; 23100-92g01; Ir150-428; LR150-428C

Servicing: Nissan

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 43, **Width of holder arm** 13.90, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.30, **Rotation** CR



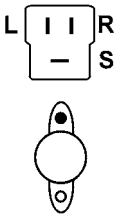


110701 Alternator

Replacing: Ir150-430c; -s; -t; Ir150-435; Ir150-435s; -t; 23100-02n12; -6; -20; 23100-11t10; -3; Ir150-430; 201

Servicing: Nissan

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 43, **Width of holder arm** 13.30, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.80, **Rotation** CR



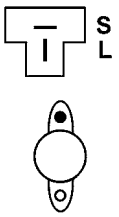


110702 Alternator

Replacing: Ir150-79; Ir150-79b; -c; -e; -f; -h; -s; Ir155-16b; -p; -408; a2t25377; 23099-r8107; -10; -701; 2310

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 43, **Width of holder arm** 13.30, **Mount. bracket dist.** 80.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.25, **Rotation** CR



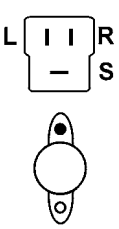


110703 Alternator

Replacing: Ir150-111; -51; Ir150-151b; Ir150-199; -200; Ir150-64; Ir155-23; 23700-aa030; -40; 42990-7040; -50;

Servicing: Nissan; Subaru

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.66, **Rotation** CR



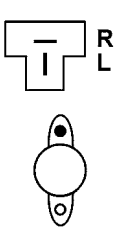


110705 Alternator

Replacing: Ir160-144; Ir160-97; Ir160-97b; -c; 23100-g4100; 23100-w2501

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 42, **Width of holder arm** 13.30, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.50, **Rotation** CR



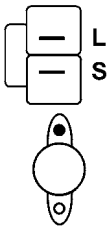


110706 Alternator

Replacing: Ir160-412; Ir160-412b; -f; -g; Ir160-440; Ir160-440f; -g; Ir160-441; Ir160-441f; had155500; R213-18-

Servicing: Mazda; Ford; Kia

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 40, **Width of holder arm** 12.85, **Mount. bracket dist.** 80.05, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.75, **Rotation** CR



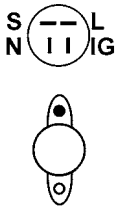


110707 Alternator

Replacing: Ir160-422b; 23100-10g03; LR160-422

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 45, **Width of holder arm** 13.25, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



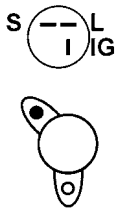


111186 Alternator

Replacing: Ir170-420; Ir170-420b; Ir170-427; Ir170-427b; Ir170-427ba; Ir170-427c; 8970417900; 8971131180; -1; 1

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** Plug, **Width of holder arm** 13.00, **Mount. bracket dist.** 78.20, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.85, **Rotation** CR



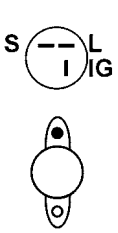


111187 Alternator

Replacing: Ir170-411b; -c; -d; -e; -f; -p; 8944719961; -3; -4; 8970447790; 1204062; -132; LR170-411A; Ir170-411

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** Plug, **Width of holder arm** 13.15, **Mount. bracket dist.** 77.35, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



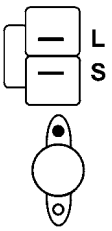


111235 Alternator

Replacing: Ir170-415; Ir170-415b; -c; 8943325811; -2; 1204084

Servicing: Opel

V. 12, **Amp.** 70, **B+ / position** 9.4, **Width of holder arm** 13.25, **Mount. bracket dist.** 77.65, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.65, **Rotation** CR



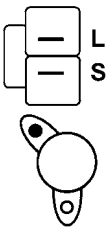


111236 Alternator

Replacing: Ir170-405; 23100-14e00

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M5, **B+ position in min** 44, **Width of holder arm** 13.30, **Mount. bracket dist.** 80.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



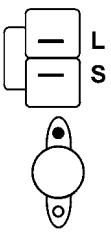


111264 Alternator

Replacing: Ir180-725; Ir180-725b; -c; -e; Ir180-736; Ir180-736b; -c; -7b; -7c; a2t13894; a2t34692a; -b; a2t3579

Servicing: Nissan; Infiniti

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 25.45, **Mount. bracket dist.** 81.15, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 37.85, **Rotation** CR



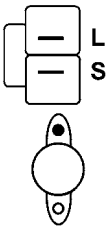


111265 Alternator

Replacing: Ir190-704; Ir190-704b; Ir190-709; Ir190-709b; Ir190-711; 23100-34e00; -1; 23100-85e00

Servicing: Nissan; Infiniti

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 12.65, **Mount. bracket dist.** 81.60, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.75, **Rotation** CR





111266 Alternator

Replacing: Ir170-734; Ir170-734b; Ir170-739; Ir170-739b; 23100-12g01; -2; 23100-77p00; 23100-88g00

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 26, **Width of holder arm** 12.50, **Mount. bracket dist.** 82.45, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.45, **Rotation** CR



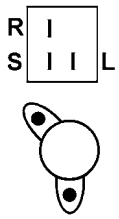

111267 Alternator

Replacing: 8-97073924-0; -1; Ir150-421; Ir150-421c; Ir150-434; Ir150-434b; Ir150-441; Ir150-441c; -e; Ir150-442

Servicing: Opel; Isuzu; Vauxhall

V. 12, **Amp.** 50, **B+ / position** 9.3, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



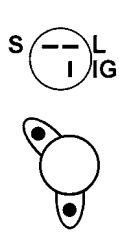


111290 Alternator

Replacing: Ir150-202; -4; -6; -11; Ir150-211b; Ir150-212; 8941699520; 8941720940; 8944046360; 8944119072; -82

Servicing: Isuzu

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 77.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.00, **Rotation** CR



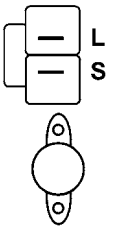


111291 Alternator

Replacing: Ir150-431; -2; -8; Ir150-438b; Ir150-439; Ir150-439b; Ir155-418b; -9b; 8944490540; -2; 8944521343; 8

Servicing: Isuzu; Bedford; Vauxhall

V. 12, **Amp.** 55, **B+ / position** Plug, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 40.30, **Rotation** CR



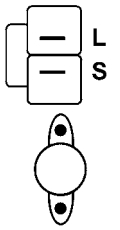


111294 Alternator

Replacing: Ir170-417b; -c; -e; -f; Ir170-502b; -c; -p; -q; Ir170-504; Ir170-504b; 23100-0e400; -2; 23100-0m901;

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.20, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.65, **Rotation** CR



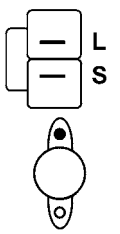


111308 Alternator

Replacing: 219101; Ir165-709; Ir165-709b; kk37018300; hab160100; ab160044; -63; a5t03391; B3C7-18-300; B3D1-18-

Servicing: Mazda; Ford; Hyundai

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR



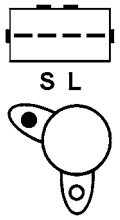


111316 Alternator

Replacing: Ir160-426; Ir160-426e; -s; -t; Ir160-427; Ir160-427c; -s; -t; -37s; -37t; 23100-02n13; -7; -21; 2310

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 81.15, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 60.10, **Rotation** CR



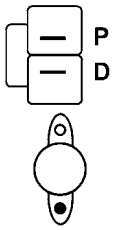


111381 Alternator

Replacing: Ir1100-703; -25; Ir1100-725b; Ir1110-705; Ir1110-705b; Ir1110-709; Ir1110-709b; 23100-0l700; -1; 231

Servicing: Toyota; Nissan; Infiniti

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 13.25, **Mount. bracket dist.** 80.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.40, **Rotation** CR





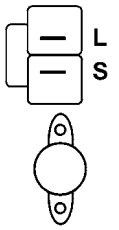
111384 Alternator

Replacing: Ir170-758; a2tb0091; a2tb0091a; -b; Z599-18-300C; -A; BP4W-18-300C; A2TB6191; -2

Servicing: Mazda; Kia

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 4, **Width of holder arm** 13.15, **Mount. bracket dist.** 67.35, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.65, **Rotation** CR

ECU controlled



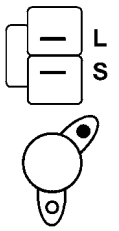


111431 Alternator

Replacing: Ir170-402; Ir170-402b; -c; -e; -f; Ir170-424; Ir170-424b; 23100-81t01; 23100-v7202; -3; -4; -5

Servicing: Nissan; Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR



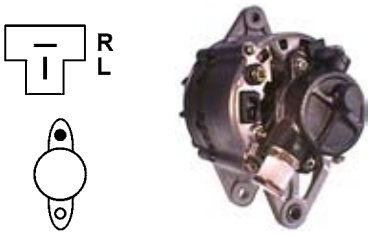


111433 Alternator

Replacing: Ir170-714; -7; a2t02394; a2t02394b; a2t45494; a2t47794; 23100-12c10; -1; -2; 23100-42l71; -2; 23100-

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 13.40, **Mount. bracket dist.** 81.30, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.25, **Rotation** CR

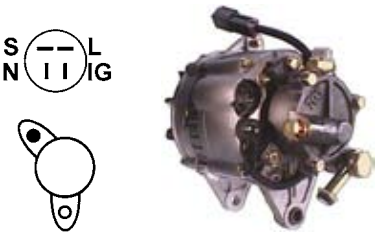


111436 Alternator

Replacing: Ir140-410; Ir140-410b; Ir140-410ba; Ir140-410f; -g; Ir140-411; Ir140-411b; Ir140-411ba; Ir140-411f;

Servicing: Mazda; Ford

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.00

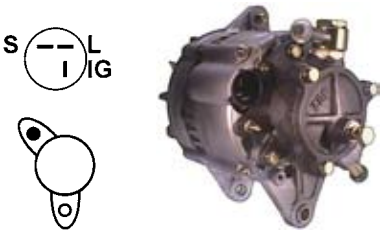


111467 Alternator

Replacing: Ir170-419; Ir170-419b; Ir170-422; 8970423250; 8970430640; 8970730460; 1204133; -8; Ir170-422b; 97042

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** 9.4, **Width of holder arm** 13.00, **Mount. bracket dist.** 77.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.00, **Rotation** CR

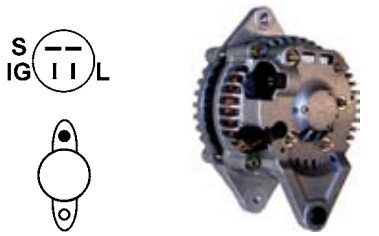


111493 Alternator

Replacing: Ir225-408b; -c; -e; -9e; 8944723300; LR225-408; Ir225-409b; Ir225-409

Servicing: Isuzu

V. 24, **Amp.** 35, **B+ / position** 9.4, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.50, **Rotation** CR

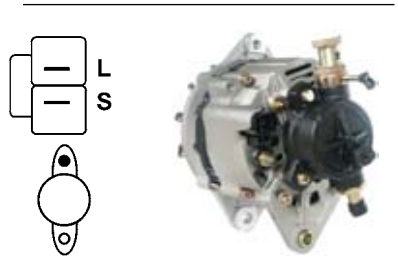


111611 Alternator

Replacing: Ir170-732; Ir170-732b; -c; 23700-aa090

Servicing: Subaru

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.20, **Rotation** CR

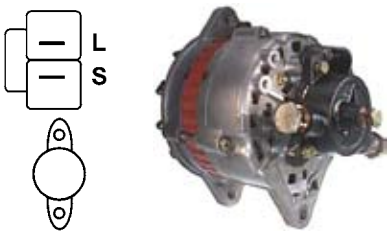


111614 Alternator

Replacing: Ir235-402; 23100-c8604; Ir235-404; Ir235-404c; -s; -t; Ir235-405; Ir235-405s; -t

Servicing: Nissan

V. 24, **Amp.** 35, **B+ / position** M5, **B+ position in min** 45, **Width of holder arm** 13.50, **Mount. bracket dist.** 81.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR

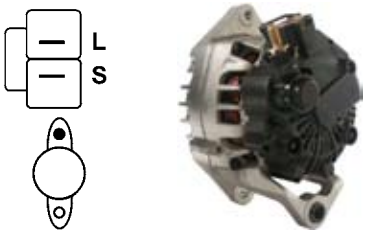


111692 Alternator

Replacing: Ir170-404; Ir170-404b; -c; Ir170-421; Ir170-421b; -04E

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.00, **Rotation** CR

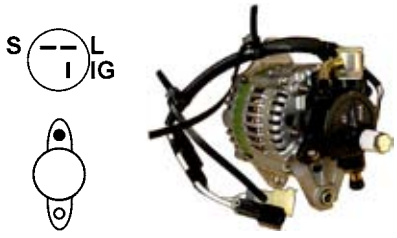


111704 Alternator

Replacing: Ir165-711; Ir165-711b; Ir170-746; Ir170-746b; -c; -e; -f; -g; -j; -k; -m; -8b; Ir170-750; Ir170-750b

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.45, **Rotation** CR



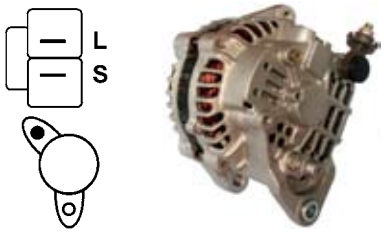
111707 Alternator

Replacing: Ir155-503d; Ir155-504; 8943210552; 8943627440

Servicing: Isuzu

V. 12, **Amp.** 55, **B+ / position** 9.4, **Width of holder arm** 13.10, **Mount. bracket dist.** 76.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

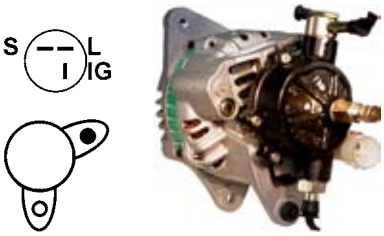


111726 Alternator

Replacing: lr180-741; lr180-741b; -h; a2t82491; a2t82491a; a2ta0491; a2ta4091; a2ta4091a; -2a; -2b; a2tb3691; 2

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR



111767 Alternator

Replacing: lr180-501; lr180-501b; -c; lr180-504; 8970626410; 8971338540; 8971348660; 1204170; 6204045; 97134866

Servicing: Opel; Vauxhall; Isuzu

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR



111777 Alternator

Replacing: lr160-421b; -c; -e; -f; 23100-g5503; -4; lr160-421

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 32.00, **Rotation** CR

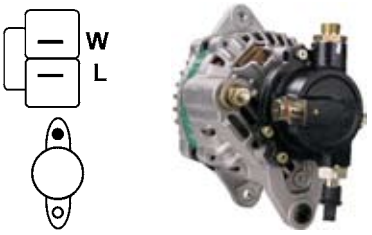


111803 Alternator

Replacing: 63321170; a13n269; 7700820794; 7700859724; 7701352209; 2541695; 8111569; s114-806a

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 28.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.50, **Rotation** CR

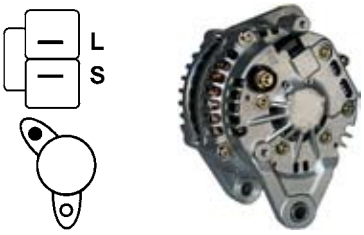


111831 Alternator

Replacing: lr1100-501; lr1100-501b; 8971502010; 6204043; 97150201; 20110299

Servicing: Opel

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 77.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** W

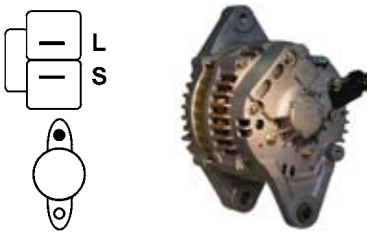


111955 Alternator

Replacing: lr180-735; lr180-735b; 23100-0c000; -1

Servicing: Nissan; VW

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR

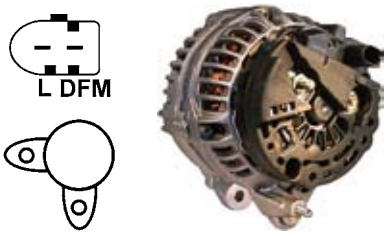


111958 Alternator

Replacing: lr160-724; 23100-56g00

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.30, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.00, **Rotation** CR

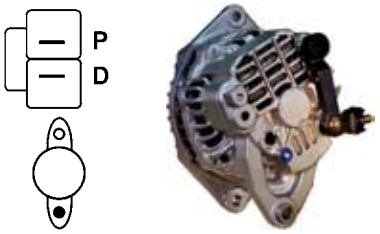


112002 Alternator

Replacing: 0124515010; 1100712; 98VW10300ea; ym2110300aa; lr1120-701; 2542237; -461; sg12b015; -42; 028903028e;

Servicing: Audi; VW; Ford; Seat; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **Width of holder arm** 14.50, **Mount. bracket dist.** 61.80, **Fan** IF, **Pulley** w/o, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W

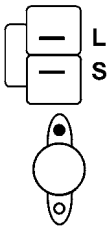


112067 Alternator

Replacing: fp34-18-300c; a2tb0191; a2tb0191a; -b; FP34-18-300; FP34-18-300A; -B; lr180-766

Servicing: Mazda

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 12.50, **Mount. bracket dist.** 69.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR



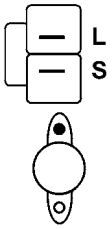


112092 Alternator

Replacing: Ir170-406; Ir170-406b; -c; -e; -f; Ir170-414; 23100-06n00; 23100-g5700; -1; -2; -4; Ir170-414b; -c;

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M5, **B+ position in min** 45, **Width of holder arm** 13.25, **Mount. bracket dist.** 80.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.25, **Rotation** CR



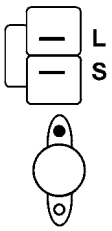


112093 Alternator

Replacing: Ir170-407; Ir170-407e; -s; -t; -8c; -8s; -8t; Ir170-412; Ir170-412s; -t; 23100-02n14; -5; -8; -9; -2

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.50, **Rotation** CR



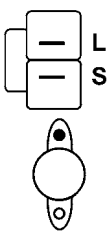


112206 Alternator

Replacing: Ir170-740; Ir170-740b; 23100-32j01; -3; 20130102

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.70, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.00, **Rotation** CR



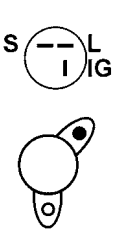


112208 Alternator

Replacing: Ir170-702; Ir170-702b; a2t48195; a2t48195a; -b; 23100-15p01; -11; -12; -13

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR



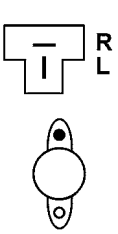


112228 Alternator

Replacing: Ir160-446; Ir160-446b; -c; -e; 8970716110; 8970746110; 8971347620; 8971478510; 8971876550; 97074611;

Servicing: Opel; Vauxhall; Isuzu

V. 12, **Amp.** 60, **B+ / position** M5-9.4, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.00, **Rotation** CR



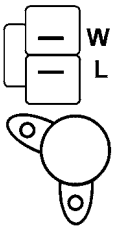


112270 Alternator

Replacing: Ir135-105; -15; -16; -24; -26; -27; -28; -58b; Ir135-74; Ir135-74b; Ir135-86; Ir135-86b; -c; -f; Ir1

Servicing: Mazda

V. 12, **Amp.** 35, **B+ / position** M5, **B+ position in min** 20, **Width of holder arm** 13.50, **Mount. bracket dist.** 81.65, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.85, **Rotation** CR



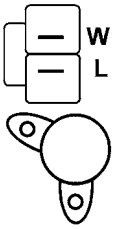


112271 Alternator

Replacing: 8-97189113-3; -4; Ir1100-502e; -f; -g; -j; 8971891133; -4; -7; 1204158; 97189113; 8971891135; LR1100

Servicing: Opel; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 12.90, **Mount. bracket dist.** 66.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 36.00, **Rotation** CR, **Terminal** W



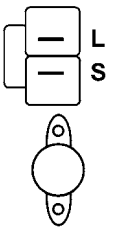


112272 Alternator

Replacing: LR170-509; 8-97189112-2; -3; Ir170-509c; -e; -f; 8971891122; -3; -4; 1204157; 97189112; Ir170-509g;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 13.50, **Mount. bracket dist.** 66.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 36.00, **Rotation** CR, **Terminal** W





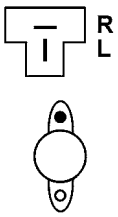
112351 Alternator

Replacing: Ir190-734; Ir190-734b; -c; -e; -g; 23100-2j600; -1; 20110501; LR190-734H

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



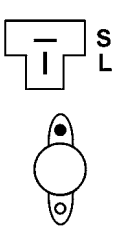


112375 Alternator

Replacing: lr180-03; lr180-03c; -A; -B; 119573-77200

Servicing: Yanmar

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.15, **Mount. bracket dist.** 80.30, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR, **Terminal** W



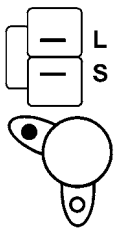


112477 Alternator

Replacing: lr225-88; 23100-90074

Servicing: Mercury

V. 24, **Amp.** 25, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 78.20, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR



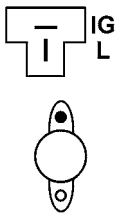


112658 Alternator

Replacing: lr190-505c; -e; -f

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



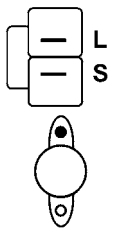


112671 Alternator

Replacing: 123900-77210; lr160-735b

Servicing: Yanmar

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.65, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR



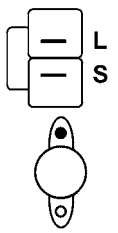


112673 Alternator

Replacing: lr170-760; lr170-767b; lr160-734; lr160-734b; 112686; -550

Servicing: Opel; Isuzu

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.40, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 44.50, **Rotation** CR



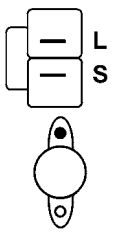


112967 Alternator

Replacing: LR150-94B; LR150-197B; LR150-194; lr150-194b; lr150-197; 23100-80w00; 23100-84w00

Servicing: Nissan

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 16, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.70, **Rotation** CR



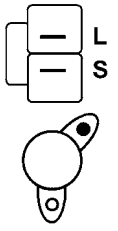


112968 Alternator

Replacing: lr160-151; LR160-151R; 23100-02e10; 23100-126000

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



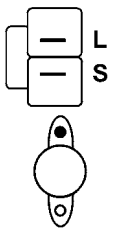


112969 Alternator

Replacing: lr180-715; 23100-30r00

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.25, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 36.50, **Rotation** CR



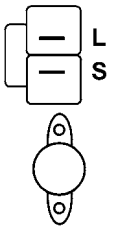


112970 Alternator

Replacing: lr170-701; lr170-701b; -e; 23100-05p00; -1; a2t48176; a2t48176a; -b; 23100-05p11; -2; -3

Servicing: Nissan

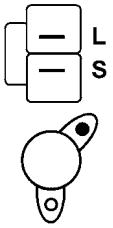
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR





112971 Alternator

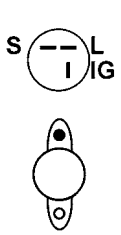
Replacing: Ir180-724; 23100-30p00
Servicing: Nissan
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 23, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.40, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR





112972 Alternator

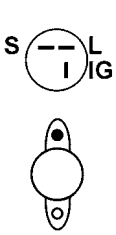
Replacing: LR160-723; 23100-80G08; LR160-723B; 23100-80G09
Servicing: Nissan
V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 24.80, **Mount. bracket dist.** 81.70, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR





112973 Alternator

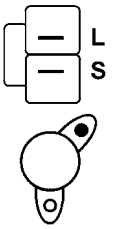
Replacing: Ir150-703; -2; 2912769300; 8941405950; 8944136210; Ir150-704; LR150-704H; 8943367300; 8944367300; 89
Servicing: Isuzu
V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 76.35, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.80, **Rotation** CR





112974 Alternator

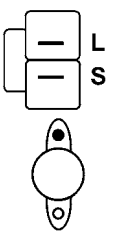
Replacing: Ir160-718h; Ir160-718; 8943367310; 8944492660; 2912769200
Servicing: Isuzu
V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.30, **Mount. bracket dist.** 76.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.60, **Rotation** CR





112975 Alternator

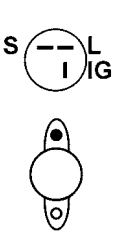
Replacing: Ir180-729; 23100-53F00
Servicing: Nissan
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR





112976 Alternator

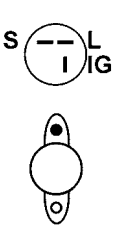
Replacing: Ir180-704; Ir170-721; Ir170-721b; 23100-16e05; 23100-26e60; -1; Ir180-704b
Servicing: Nissan
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.30, **Rotation** CR





112977 Alternator

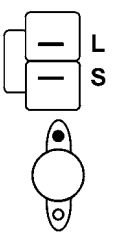
Replacing: 10464209; 4625; Ir160-726; Ir160-726b; 2912763380; 8970426371; -2
Servicing: Honda; Isuzu
V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 57.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 91.50, **Rotation** CR





112978 Alternator

Replacing: Ir160-725b; 2912763360; 8970630261; LR160-725
Servicing: Honda; Isuzu
V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 48, **Width of holder arm** 13.00, **Mount. bracket dist.** 76.80, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR

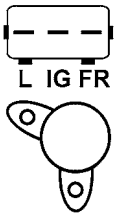




112979 Alternator

Replacing: 23700-aa212; Ir185-701; Ir185-701b; Ir185-702; 23700-aa211; 23700-aa211f; 23700-aa34a; Ir185-701h; 2
Servicing: Subaru
V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



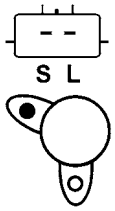


112981 Alternator

Replacing: Ir1110-707; Ir1110-707e; 23100-6p000; -5; Ir1110-707c; -f; -g; -h; -J

Servicing: Infiniti

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 13.35, **Mount. bracket dist.** 69.15, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 23.90, **Rotation** CR



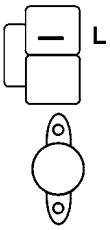


113161 Alternator

Replacing: Ir1125-702; Ir1125-702b; -c; -f; -h; 23100-31u02; 23100-40u00

Servicing: Infiniti; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 12.60, **Mount. bracket dist.** 87.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR

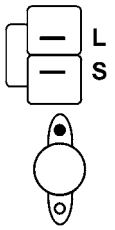




113190 Alternator

Replacing: Ir250-510c; 8971701631

V. 24, **Amp.** 50, **B+ / position** Plug, **Width of holder arm** 17.47, **Mount. bracket dist.** 74.00, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 41.85, **Rotation** CR



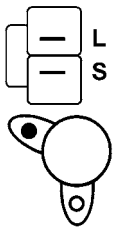


113197 Alternator

Replacing: Ir160-727; 23100-0s300; Ir160-727b; LR170-757; 23100-35500; LR170-757B; LR160-727C; 23100-3s500; Ir1

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



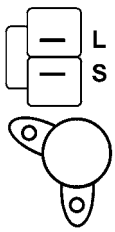


113309 Alternator

Replacing: Ir190-512; Ir190-512b; -c; 23100-5c301; -10

Servicing: Yanmar

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.55, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.80, **Rotation** CR



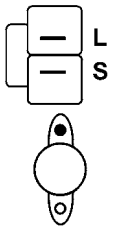


113316 Alternator

Replacing: Ir1110-713; LR1110-713V; -b; LR1110-717; LR1110-717B

Servicing: Nissan

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 12.95, **Mount. bracket dist.** 59.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR



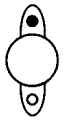


113317 Alternator

Replacing: a2tb3191; Ir180-762; -8; 52810-31000; A0002655221; LR180-762B; 113437

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 52, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.20, **Rotation** CR

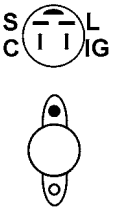



113347 Alternator

Replacing: Ir120-23; 5812003580; 5812210540

Servicing: Bobcat; Isuzu

V. 12, **Amp.** 20, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.20, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 39.90



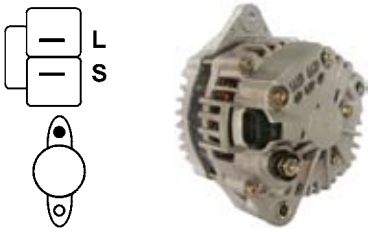


113366 Alternator

Replacing: LR160-731; 8971307520

Servicing: Honda; Isuzu

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 57.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 89.00, **Rotation** CR

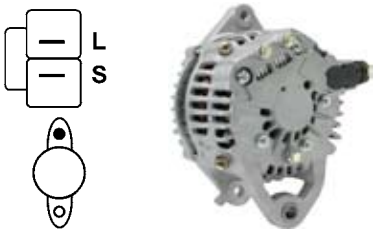


113367 Alternator

Replacing: LR190-744; 2902768300; 8972043320

Servicing: Isuzu

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 57.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.00, **Rotation** CR

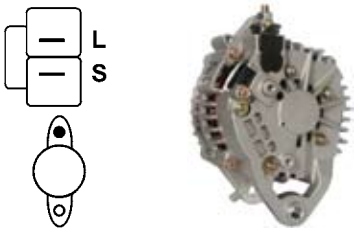


113371 Alternator

Replacing: LR180-751; 23100-3m200

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 13.10, **Mount. bracket dist.** 81.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR

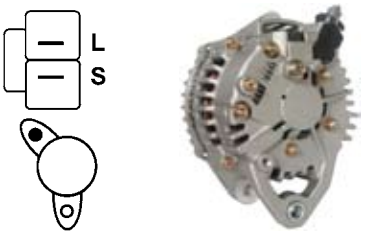


113372 Alternator

Replacing: LR1100-722; 23100-5m000; 4942

Servicing: Nissan

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR

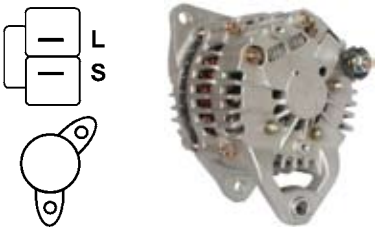


113373 Alternator

Replacing: 23100-9e000; 23100-01400; LR1100-709; LR1100-709B; -c

Servicing: Nissan

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 25.20, **Mount. bracket dist.** 81.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 35.75, **Rotation** CR

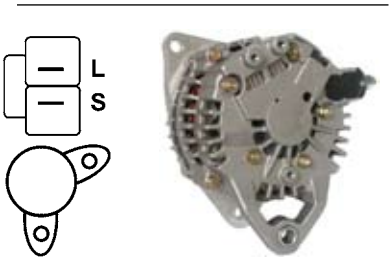


113374 Alternator

Replacing: 23100-0w000; -4; lr190-729; lr190-729b

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.70, **Mount. bracket dist.** 81.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

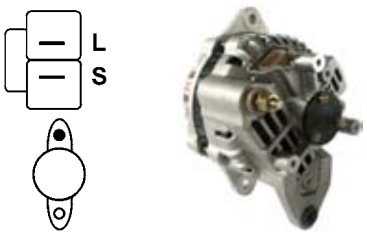


113375 Alternator

Replacing: lr190-737e; -f; 23100-0w001; LR190-737; 23100-0w002; -3; lr190-737b; LR190-737BR; 113424

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR

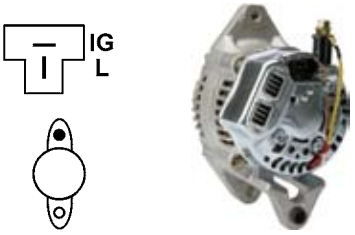


113383 Alternator

Replacing: lr160-728c; -e; lr160-728; 113436

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 12.80, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR

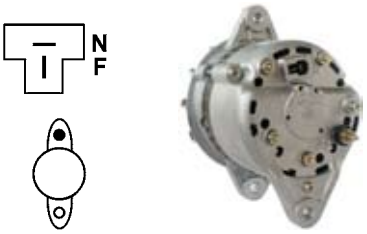


113401 Alternator

Replacing: lr140-721d; -e; 119836-77201; 129612-77230; 129930-77210; lr140-714; -6; 1752564011; 119836772002; l

Servicing: John Deere; Yanmar; Kubota

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 19.80, **Mount. bracket dist.** 67.20, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



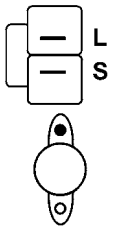
113410 Alternator

Replacing: lt135-83b

Servicing: Ford; New Holland

V. 12, **Amp.** 35, **B+ / position** M5, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR

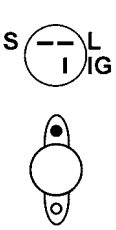
Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





113411 Alternator

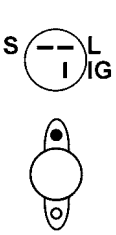
Replacing: Ir170-744; 23100-17c70
Servicing: Nissan
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 13.20, **Mount. bracket dist.** 82.40, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR





113412 Alternator

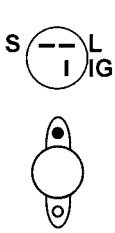
Replacing: Ir170-410; -01; 8941754180; -880
Servicing: Isuzu; Chevrolet
V. 12, **Amp.** 70, **B+ / position** M5, **B+ position in min** 43, **Width of holder arm** 13.45, **Mount. bracket dist.** 81.80, **Fan** EF, **Grooves in pulley** 2, **Pulley** Pulley, **Pulley distance** 44.75, **Rotation** CR





113413 Alternator

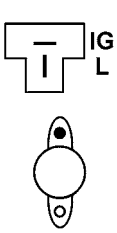
Replacing: LR170-418B; -C; 8970237331; LR170-418
Servicing: Isuzu; Chevrolet
V. 12, **Amp.** 70, **B+ / position** M5, **B+ position in min** 45, **Width of holder arm** 13.75, **Mount. bracket dist.** 81.75, **Fan** EF, **Grooves in pulley** 2, **Pulley** Pulley, **Pulley distance** 47.30, **Rotation** CR





113415 Alternator

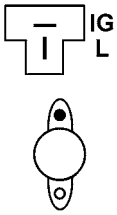
Replacing: Ir180-502; LR180-502B; 8970370640
Servicing: Isuzu
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.65, **Mount. bracket dist.** 81.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR





113416 Alternator

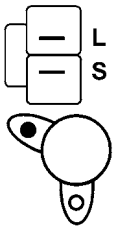
Replacing: 8944264470; Ir220-26
Servicing: Isuzu
V. 24, **Amp.** 20, **B+ / position** M5, **B+ position in min** 44, **Width of holder arm** 13.60, **Mount. bracket dist.** 81.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.60, **Rotation** CR





113418 Alternator

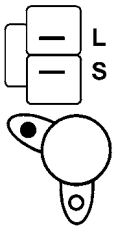
Replacing: Ir225-84t; 33100-51h00; Ir225-84; 23100-51h00; -2
Servicing: Nissan
V. 24, **Amp.** 25, **B+ / position** M5, **B+ position in min** 43, **Width of holder arm** 13.90, **Mount. bracket dist.** 81.40, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.85, **Rotation** CR





113419 Alternator

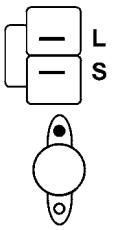
Replacing: Ir1100-723; 23100-4m800
Servicing: Nissan
V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR





113420 Alternator

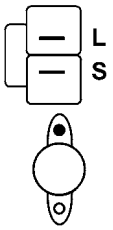
Replacing: Ir1110-712; 23100-3w400
Servicing: Nissan; Infiniti
V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 12.80, **Mount. bracket dist.** 81.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 36.35, **Rotation** CR





113421 Alternator

Replacing: Ir180-734b; -c; LR180-734
Servicing: Nissan; Infiniti
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.20, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.30, **Rotation** CR



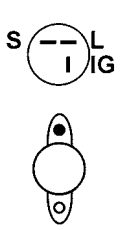


113422 Alternator

Replacing: Ir170-745; 23100-0s200; Ir170-745b

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 12.90, **Mount. bracket dist.** 82.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.00, **Rotation** CR



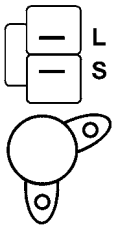


113423 Alternator

Replacing: LR170-742

Servicing: Honda; Isuzu

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.25, **Rotation** CR



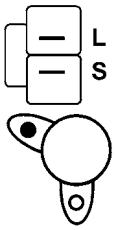


113425 Alternator

Replacing: Ir1100-716c; -e; 23100-0w400; Ir1100-704b; -e; Ir1100-704; -12; 23100-0w401; Ir1100-716

Servicing: Infiniti

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.25, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR



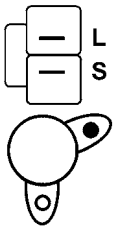


113426 Alternator

Replacing: Ir180-744; 23100-1e800

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 25.40, **Mount. bracket dist.** 80.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR



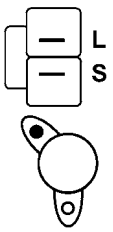


113427 Alternator

Replacing: Ir180-756; LR180-756B; 23100-4s100

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 13.70, **Mount. bracket dist.** 83.40, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 40.00, **Rotation** CR



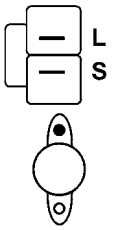


113439 Alternator

Replacing: a2tb0491a; a2tb3891; 23100-bu500; LR190-747; 23100-6J111; A2TB3891KD; 23100-9F511; 23100-4M611; 2541

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.30, **Rotation** CR



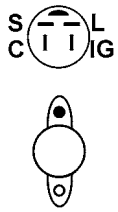


113440 Alternator

Replacing: Ir1100-724; 23100-bn300

Servicing: Nissan

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.20, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



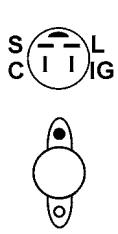


113555 Alternator

Replacing: LR160-730; LR160-730C; 2902766200; 8971041011

Servicing: Honda; Isuzu

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 91.50, **Rotation** CR





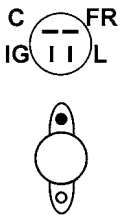
113556 Alternator

Replacing: LR170-755; 4655; 8971307760; -1

Servicing: Honda; Isuzu

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 93.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



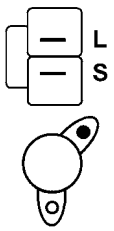


113563 Alternator

Replacing: LR190-743; 4637; 8972043260; 97204326

Servicing: Honda; Isuzu

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.55, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 90.40, **Rotation** CR



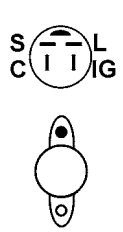


113583 Alternator

Replacing: lr190-724; LR180-742; 4646; 23100-70f00; 4645; 23100-70f05

Servicing: Nissan; Cub Cadet

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 24.80, **Mount. bracket dist.** 80.70, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 36.50, **Rotation** CR



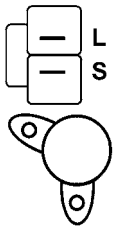


113643 Alternator

Replacing: LR160-729C; 4855; 2-90276600-0; 8-97101816-1; -2

Servicing: Honda; Isuzu

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 58.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 93.00, **Rotation** CR



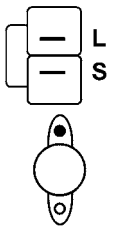


113697 Alternator

Replacing: lr165-714; 23100-ap000

Servicing: Nissan

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 24.50, **Mount. bracket dist.** 66.50, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** ACR



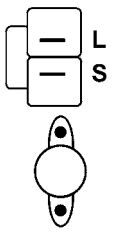


113698 Alternator

Replacing: lr190-750b; LR190-750; 8-97215992-2

Servicing: Opel; Isuzu

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 45.00, **Rotation** CR



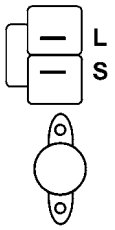


113784 Alternator

Replacing: lr170-741; 23100-0f610

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



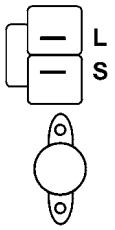


113787 Alternator

Replacing: LR190-752; LR190-752B; 23100-vc100; -A

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 37.50, **Rotation** CR



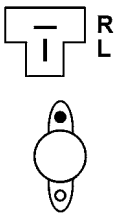


113788 Alternator

Replacing: lr180-749e; -b; -c; lr180-749; 23100-8e100

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 46, **Width of holder arm** 12.80, **Mount. bracket dist.** 80.30, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR





113793 Alternator

Replacing: lr155-29; lr155-20b; lr155-20; 129772-77200

Servicing: Yanmar

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 8, **Width of holder arm** 13.15, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 42.80, **Rotation** CR

113822 Alternator

Replacing: lr180-503b; -C; 2912763000; 8971166972; -3

Servicing: Isuzu

V. 12, **Amp.** 80, **Grooves in pulley** 6, **Pulley** Pulley

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




110043 Alternator

Replacing: 0120489192; -702; 9120144111; -4; -8; -9; 2998056; 19025075; 11.201.807; aak3117; 510-289; 9ar3868g;

Servicing: Scania; Renault V.i.; Pegaso; Hanomag

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




110105 Alternator

Replacing: 0120300535; -45; 0120488218; -90; 0120489703; -4; 11.201.929; al28516; al35998; al67175; -6; az28516

Servicing: John Deere

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** w/o, **Pulley distance** 83.30, **Rotation** CR




110113 Alternator

Replacing: 0120400774; 0120489221; -5; -31; -84; -727; -728; 11.201.047; -151; -360; aak1125; -53; -205; aak417

Servicing: Mercedes-Benz

V. 24, **Amp.** 27, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 80.00, **Fan** EF, **Pulley** w/o, **Rotation** ACR

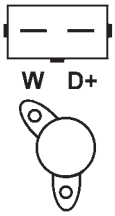



110117 Alternator

Replacing: 510-427; 9ar6012; 9ar6012g; 0120489731; 01162135; ia9434; 11.209.447; aak1854

Servicing: Iveco; Steyr; Magirus-deutz

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 56.50, **Fan** EF, **Pulley** Double Pulley, **Rotation** CR




110127 Alternator

Replacing: 0120400778; 11.201.938; 510-803; -16; -18; -19; 9ar2712p; -38p; -40p; -41p; 70229702; 71427052; -102

Servicing: Volvo Penta; Farymann

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 79.00, **Rotation** CR, **Terminal** W
Pos. or neg. ground




110163 Alternator

Replacing: 11.201.789; aak4591; 443113516866; 510-388; 9ar3806g; 9ar3961; a13n140; a13n140t; a13n229t; a13n22t;

Servicing: Renault V.i.

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 27.25, **Mount. bracket dist.** 67.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 48.75, **Rotation** CR, **Terminal** W

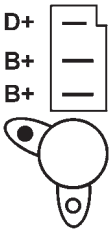



110175 Alternator

Replacing: 8sc3002y; 110-158; -83; -298; -302; -316; 8sc3002u; -3u; -11u; -14u; -15u; -19u; 44-4021; 10-298; 8S

Servicing: Volvo Penta

V. 24, **Amp.** 100, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.75, **Mount. bracket dist.** 99.75, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W
Pos. or neg. ground.Fan: Cargo 134317,Pulley: cargo 131176




110178 Alternator

Replacing: 0120339502; 0120389502; -3; 9120331502; -901; -913; 516011; alp12n-2; alt12n-14; -39; 1504563; 15371

Servicing: Case; Ford; Austin; Land Rover; Triumph; Mg; Morris; Talbot; Vauxhall; Bedford; New Holland; Massey

V. 12, **Amp.** 36, **Width of holder arm** 10.00, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR




110348 Alternator

Replacing: 0120488280; a125-09; a125-55s; als12n-82; 11.201.293; aak4127; 2108-3701010; 224-370701; 224-373701;

Servicing: Lada

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.60, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR

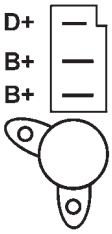



110350 Alternator

Replacing: 19025772; a124-15; a124-44s; als12-81; 11.201.294; aak4128; 2105-3701005; -10; 222-3701005; -10; kat

Servicing: Lada; Fiat

V. 12, **Amp.** 44, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.50, **Mount. bracket dist.** 60.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR



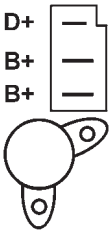


110357 Alternator

Replacing: 0120400746; 0120489008; -9; -10; -11; -520; -600; -622; -771; -820; -821; -831; 11.201.078; aak1122;

Servicing: Audi; VW; Alfa Romeo; American Motors

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.20, **Fan** w/o, **Pulley** w/o, **Rotation** CR
Fan: Cargo 133875



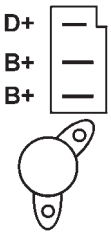


110358 Alternator

Replacing: 0120400858; -9; 0120489061; -526; -527; -556; -683; -917; -918; -933; 9120144269; -70; 516055; 11.20

Servicing: Seat; Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.50, **Rotation** CR





110360 Alternator

Replacing: 0120489012; -3; -76; -557; -558; -581; -745; -791; -799; -800; -861; -862; -863; -864; -865; -866; -

Servicing: Audi; VW; Deutz-fahr

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR

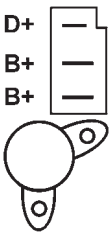



110641 Alternator

Replacing: 0120300514; 0120339514; -31; -52; 11.201.027; -96; aag1301; -11; -28; 24171; 11.201.372; X830060011;

Servicing: Bosch; Case; Claas; Fendt; Goldoni; Deutz-fahr; Kramer; Lamborghini; Liebherr; Linde; Bpm

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 55.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.30, **Rotation** CR





110730 Alternator

Replacing: 0120400856; -7; 0120489547; -8; -623; aak1146; 0041544402; -602; A0041544402; -602

Servicing: Mercedes-Benz

V. 12, **Amp.** 35, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 55.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.50, **Rotation** CR

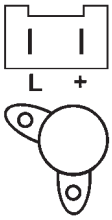



110743 Alternator

Replacing: 5491319; 95618728; 7532; ald12n-53; aln12-1; 11.201.021; aag0702; 9al2696g; a11m12; a11m6; 5446241;

Servicing: Citroen

V. 12, **Amp.** 30, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 61.00
Regulator: Cargo 130679





110754 Alternator

Replacing: 516025; -33; -47; als12x-26; -76; 11.201.370; aak4183; 9ar2659k; 9ar2936p; a13n113; -50; a13n20; a13

Servicing: Renault

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.90, **Rotation** CR




110761 Alternator

Replacing: 0120488271; 0120489944; 11.201.635; aak1134; 0051548302; aak3557; 51.26101-7133; A0051548302

Servicing: Man; Deutz-fahr

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Terminal** W
Fan: Cargo 133875

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

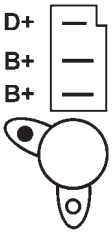



110766 Alternator

Replacing: 0120400694; -790; -791; 0120488224; 0120489023; -707; -730; 11.201.052; -574; aak1115; -352; 81.2610

Servicing: Iveco; Mercedes-Benz; Khd; Magirus-deutz; Case; Deutz-fahr; Liebherr; Atlas Copco

V. 24, **Amp.** 27, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 56.25, **Fan** w/o, **Grooves in pulley** Single, **Pulley** w/o, **Pulley distance** 78.85, **Rotation** CR, **Terminal** W



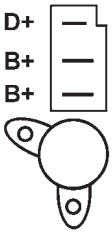


110770 Alternator

Replacing: 86vb10300aa; 873f10300ba; 24157; 24157d; -f; 24208; -76; 54022057; -108; -109; -117; -118; -143; -16

Servicing: Austin; Rover; Mg; Ldv International; Massey Ferguson; Vauxhall; Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 11.20, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR





110880 Alternator

Replacing: 0120489043; -719; -720; -797; -798; -911; -912; 11.201.215; aak1165; 63305700; -20; 514002

Servicing: Alfa Romeo

V. 12, **Amp.** 45, **B+ / position** 9.4, **B+ position in min** 15, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR




110881 Alternator

Replacing: 0120488114; -85; -257; -258; 0120489069; -70; -183; -309; 11.201.512; -226; aak1189; 0120488209; 117

Servicing: Volvo; Fendt; Deutz-fahr; Marshall; Kramer

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.00, **Rotation** CR, **Terminal** W




110882 Alternator

Replacing: 0120489106; -45; -761; -762; -765; 4152612; 46231751; 4711700; 4721587; 4808498; 5101645; 77028550;

Servicing: Fiat; Iveco; Alfa Romeo; Lamborghini; Same

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 16.25, **Mount. bracket dist.** 63.35, **Fan** w/o, **Pulley** w/o, **Rotation** CR




110890 Alternator

Replacing: 0120400943; 0120489107; -34; -46; -47; -763; -770; -838; 19025046; 10910; 46231786; 4721589; -91; -9

Servicing: Alfa Romeo; Iveco; Fiat; Same; Lamborghini

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 65.30, **Fan** w/o, **Pulley** w/o, **Rotation** CR




110891 Alternator

Replacing: 0120488286; 0120489346; -7; -408; 1005351; 5026113; 86ab10300na; -b; 86ax10300mb; 0120488211; r86ax1

Servicing: Ford; Land Rover; Mg

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.30, **Mount. bracket dist.** 82.00, **Fan** EF, **Pulley** Pulley, **Rotation** CR, **Terminal** W




110895 Alternator

Replacing: 0120469001; -25; -101; -103; -509; -518; -686; -982; 0120489518; 6033gb3047; -55; b120421999; 127448

Servicing: Mercedes-Benz; Man; Daf; Kässbohrer; Ssangyong

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 80.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




110902 Alternator

Replacing: 0120489372; -6; -7; b120402702; 11.201.145; -244; aak1150; -98; 2940308; -69; 1607361; 068903017r; -

Servicing: VW

V. 12, **Amp.** 45, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 99.00, **Rotation** CR, **Terminal** W

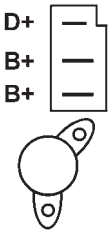



110906 Alternator

Replacing: 0120489316; 11.201.050; aak1107; 0071542402; 0071544002; 0081543102; a13n166; 2104264; 0051541102; A

Servicing: Mercedes-Benz

V. 24, **Amp.** 30, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W



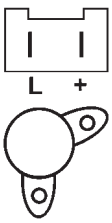


110913 Alternator

Replacing: 0120489016; -7; -77; -81; -262; -712; -773; -774; -868; -869; -870; -871; -872; -873; -980; -981; -9

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 17, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR



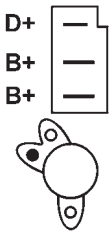


110915 Alternator

Replacing: 9120144230; -1; 451055; -8; -9; -75; 516006; -8; -28; 581207; 11.201.208; aak1176; 9ar2660k; -95k; 9

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.87, **Rotation** ACR



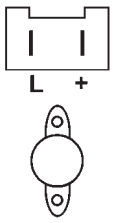


110919 Alternator

Replacing: 0120489195; -6; -248; -249; 11.201.438; -9; aak3543; -4; 9ar2977l; 9ar5030l; -88l; -99l; 049903017a;

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 97.45, **Rotation** CR



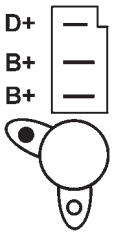


110920 Alternator

Replacing: 516023; als12x-65; -77; aak1129; a13n12; 7701349263; 7701351052; 7701499433; 9120144259; -60; 310154

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 101.00, **Rotation** CR



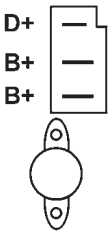


110968 Alternator

Replacing: alt2n-14; alf12-18; alt12n-13; alt12n-2; 11.201.470; aak1133; 23686; -749; -764; -785; -832; -882; -

Servicing: Austin; Rover; Nissan; Mg; Case; Dronningborg; Valmet

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR



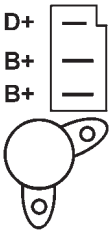


110970 Alternator

Replacing: 11.201.095; aag1310; 66021147; nab302; 510-38; -9; -56; 9ar2510; -47; 9ar2547f; 9ar2548; 9ar2548k; 9

Servicing: Massey Ferguson

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 27.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 58.00, **Rotation** CR





110971 Alternator

Replacing: 7530; 11.201.390; aak4192; 66021148; nab303; 0120489708; 11.201.544; AAK4503

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 30, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 85.00, **Rotation** CR/ACR, **Terminal** W



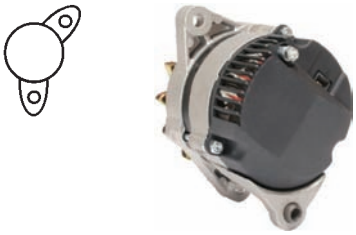

110987 Alternator

Replacing: 12311277230; -2; -49; -502; 12311361373; -4; -823; -824; 0120489044; -57; -58; -613; -614; -615; -66

Servicing: BMW; Audi; Saab; Mercedes-Benz

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.85, **Rotation** ACR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

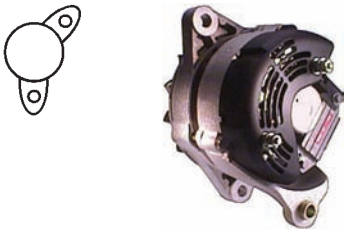


111032 Alternator

Replacing: 19025799; 63320091; 63321160; 7708433; 7719428; 63321159; aak4561

Servicing: Fiat

V. 12, **Amp.** 50, **B+ / position** M6,
B+ position in min 58,
Width of holder arm 27.10,
Mount. bracket dist. 69.60, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 55.85, **Rotation** CR



111035 Alternator

Replacing: 0120489126; -86; -87; -88; 19025051; -787; -789; 4395131; 4434084; 46231684; -7; 5958394; -5; 596759

Servicing: Fiat; Lancia; Zastava; Autobianchi; Innocenti; Case; Audi; VW

V. 12, **Amp.** 65, **B+ / position** M6,
B+ position in min 20,
Width of holder arm 22.00,
Mount. bracket dist. 74.85, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 51.25, **Rotation** CR,
Terminal W

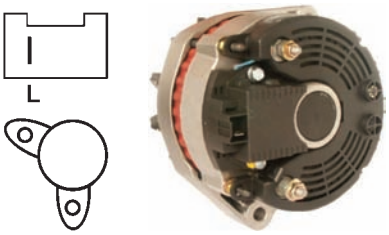


111036 Alternator

Replacing: 19025791; a125-45c; 46231657; -9; -60; 5999868; -9; 77305410; 77347411; 11.201.358; -735; 63320001;

Servicing: Fiat; Lancia; Autobianchi

V. 12, **Amp.** 45, **B+ / position** M6,
B+ position in min 10,
Width of holder arm 32.25, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 56.80, **Rotation** CR

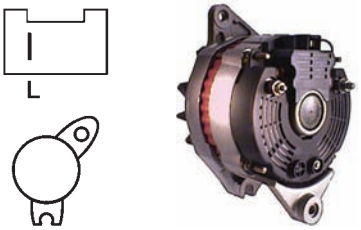


111075 Alternator

Replacing: 0120489193; -4; 95495512; 95607232; 95619192; 512010; 516039; -51; 11.201.255; aak4104; 9ar5062k; 55

Servicing: Citroen; Peugeot; Talbot; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6,
B+ position in min 35,
Width of holder arm 40.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 59.50, **Rotation** CR

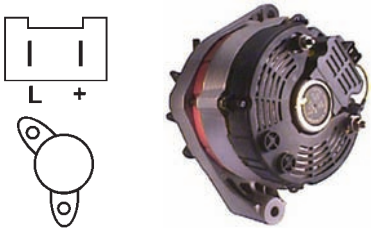


111076 Alternator

Replacing: 0120488214; -5; 0120489157; -8; -258; -259; -270; 9151095080; 9151798380; 95619191; 443113516404; 95

Servicing: Citroen; Peugeot; Talbot; Opel

V. 12, **Amp.** 50, **B+ / position** M6,
B+ position in min 52,
Width of holder arm 26.80,
Mount. bracket dist. 68.00, **Fan** EF,
Grooves in pulley 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.35, **Rotation** CR

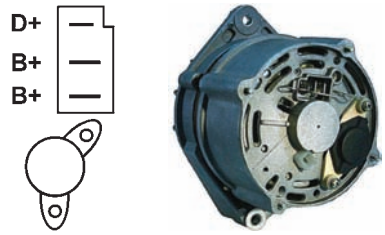


111082 Alternator

Replacing: 9120144277; 516062; -4; 11.201.664; aak4544; 63321083; -114; a13n110; -21; 7700764382; 7700767420; 7

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6,
B+ position in min 20,
Width of holder arm 55.88, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 100.95, **Rotation** CR

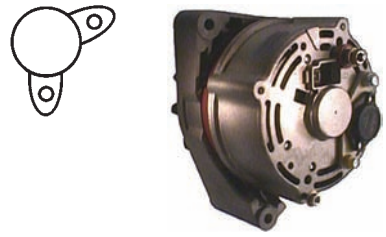


111083 Alternator

Replacing: 0120489260; -1; -559; -560; -746; -747; 11.201.077; aak1102; -18; -44; 9ar2517k; -27k; 9ar5044k; 036

Servicing: Audi; VW; Ford

V. 12, **Amp.** 70, **B+ / position** Plug,
B+ position in min 60,
Width of holder arm 56.15, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 76.15, **Rotation** CR

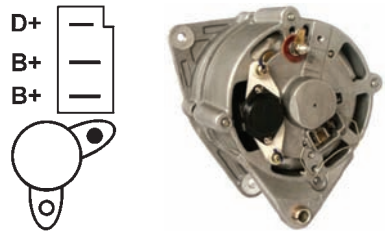


111085 Alternator

Replacing: 0120489065; -6; 11.201.203; -496; aak3573; a13n39; 1308720; 5002051; -898; 943356823; 1219754; 12349

Servicing: Volvo

V. 12, **Amp.** 55, **B+ / position** M6,
B+ position in min 60,
Width of holder arm 71.15, **Fan** EF,
Grooves in pulley 2, **Pulley** Double Pulley,
Pulley distance 91.95, **Rotation** ACR

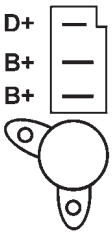


111086 Alternator

Replacing: 0120339504; -19; 0120400808; -9; -72; -73; 0120489050; -2; -4; -98; -99; -100; -101; -105; -287; -42

Servicing: Ford; Austin; Rover; Mg; Mercury

V. 12, **Amp.** 70, **B+ / position** Plug,
B+ position in min 25,
Width of holder arm 10.80,
Mount. bracket dist. 83.90, **Fan** IF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 34.60, **Rotation** CR





111093 Alternator

Replacing: 0120489321; -2; -5; -6; -7; -8; -9; -30; 19025070; 14965; 0061548702; 0071545302; -402; -502; -602;

Servicing: Mercedes-Benz

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR




111094 Alternator

Replacing: 0120485007; 0120489369/370; a13e45; 2940311; 068903017n; -29s; -31k; -33b; 069903023f; 0120485008; 0

Servicing: Audi; VW

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 106.75, **Rotation** CR, **Terminal** W




111141 Alternator

Replacing: 0120400700; 0120488282; 0120489032; -315; -725; -726; -757; 11.201.097; -685; aak1130; aak4549; 0051

Servicing: Mercedes-Benz; Man

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 80.30, **Fan** w/o, **Pulley** w/o, **Terminal** W

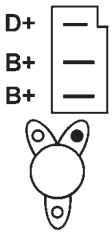



111148 Alternator

Replacing: 0120488140; -235; 0120489128; -9; -263; -348; -400; -942; -943; 283020.1; a125-65b; 4470266; 4623168

Servicing: Fiat; Lancia; Zastava; Autobianchi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 23.00, **Mount. bracket dist.** 75.60, **Fan** w/o, **Grooves in pulley** Single, **Pulley** Serpentine Pulley, **Pulley distance** 52.25, **Rotation** CR





111150 Alternator

Replacing: 0120489200; -5; -8; 510-201; -22; 9ar2970g; -1k; 9ar5083g; 9ar5100g; 2950830; 036903017c; 068903017g

Servicing: Opel; VW

V. 12, **Amp.** 70, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 99.00, **Rotation** CR

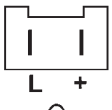



111154 Alternator

Replacing: 0120489379; -449; -497; a13e09; -43; -58; 2541438; 2940307; -9; -71; 068903017l; -t; 068903031; 0689

Servicing: Mercedes-Benz; Audi; VW; Seat

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.00, **Terminal** W





111163 Alternator

Replacing: 9120144285; -6; 11.201.476; aak3568; a13n88; 7700709420; 7700710963; 7700754833; 7701499248; -463; 7

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 26.75, **Mount. bracket dist.** 66.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.50, **Rotation** CR, **Terminal** W




111166 Alternator

Replacing: 0120488159; -64; -65; -90; -91; 0120489633; -4; 105; -6; -39; -239; 3472105; -6; -39; -706; 3493239;

Servicing: Opel; Vauxhall; Lancia; Bedford; Albin

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR




111168 Alternator

Replacing: 0120488203; 0120489123; -4; -5; -947; -948; -950; -951; -952; 051; -66; -208; 3472051; -66; -208; 34

Servicing: Opel; Vauxhall; Ferrari

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 41, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.00, **Rotation** ACR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

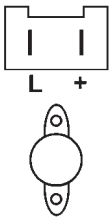



111170 Alternator

Replacing: 0120488166; -200; -201; 0120489488; -9; 11.201.749; aak4582; 9515050; -1; 0120489418; -21; 1204058;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 10.80, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 34.85, **Rotation** CR



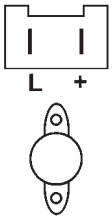


111171 Alternator

Replacing: aak3565; 9ar2933p; a13n171; a13n62; a14n53; -62; 7700754835; 7700793594; 7701351762; 7701499440; 254

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.65, **Rotation** CR, **Terminal** W





111172 Alternator

Replacing: 516044; 11.201.535; aak3594; a13n136; a13np173; 7701499490; 2181726; 2541384; -467

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 27.00, **Mount. bracket dist.** 68.65, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.75, **Rotation** CR




111175 Alternator

Replacing: 90041021; 9610870880; a2t13391c; -d; -e; a14n139; -72; 2541189; -369; -655; -793; a13vi108; a13vi68;

Servicing: Citroen; Peugeot

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 27.25, **Mount. bracket dist.** 69.95, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.30, **Rotation** CR

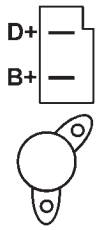



111176 Alternator

Replacing: 1659058; 5027845; 5029923; 86ab10300aaa; 89ff10300eb; -ja; -jb; 89fx10300eb; -ja; 91ff10300ta; r86ax

Servicing: Ford; Land Rover; Ldv International

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.25, **Mount. bracket dist.** 81.65, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W





111180 Alternator

Replacing: 0120339515; -6; -27; -28; 19025042; -63; 10590; 4474729; -52; 4475266; -8; 46231680; 4998353; 771454

Servicing: Fiat; Zastava; Lamborghini; Same; Fiat-Allis

V. 12, **Amp.** 33, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 25.00, **Mount. bracket dist.** 74.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR





111215 Alternator

Replacing: 11.201.989; re37201; re44140; ty6684; 100211-6030; -1; -50; -51; AAK5197; al60033; AL78690; AL81437;

Servicing: John Deere

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 57.65, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 94.60, **Rotation** CR




111287 Alternator

Replacing: 0120489427; -34; -35; -96; 11.201.210; -1; -529; -611; aak1178; -9; aak3510; 068903017m; -31d; -31l;

Servicing: VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 106.40, **Rotation** CR

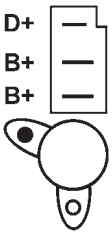



111288 Alternator

Replacing: 0120488196; -8; -9; -237; -240; 0120489198; -374; -375; -442; 11.201.122; -245; aak1140; -99; a13e41

Servicing: VW; Seat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR, **Terminal** W





111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W





111293 Alternator

Replacing: 0120485029; 0123310014; 7275999; 91ab10300sa; 92ab10300dd; -fa; -fb; 92fb10300fb; a2t14591; a2t28792

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 31, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 31.20, **Rotation** CR



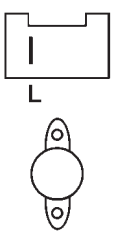


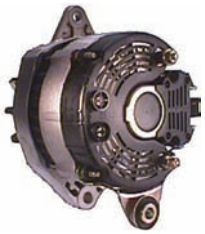
111318 Alternator

Replacing: 0123310011; -3; 9617861280; -380; 9618961580; a2ta1991; a2ta1991d; -f; 9631318180; 2542355; a13vi102

Servicing: Citroen; Peugeot; Fiat; Lancia; BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 59, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.35, **Rotation** CR



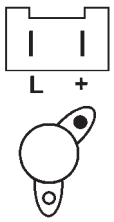


111321 Alternator

Replacing: 0120489491; 11.201.523; aak3583; a13n133; -78; -232; -241; 2541173; -445; -490; -807; 9031146; 66021

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.15, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.20, **Rotation** CR



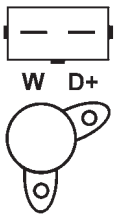


111325 Alternator

Replacing: 11.201.554; aak4506; a13n158; 7700784482; -890; -891; 7701351757; 7702150654; 2541118; 11.201.765; a

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 27.15, **Mount. bracket dist.** 66.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 57.10, **Rotation** CR



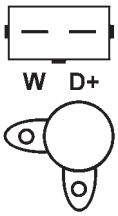


111352 Alternator

Replacing: 0120335010; 0120485034; 0123310002; -20; 0123315001; b120310050; -87; b120411203; -4; aak5169; 25414

Servicing: VW; Seat; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 14.65, **Mount. bracket dist.** 59.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.45, **Rotation** CR, **Terminal** W





111353 Alternator

Replacing: 0120485043; 0123310001; -19; -32; 0123315002; b120310084; 9517162; 2541619; -76; -819; a11vi36; -64;

Servicing: VW; Seat; Ford; Audi; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR



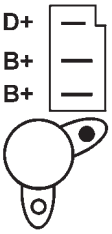


111354 Alternator

Replacing: 0120485011; -2; 0123310005; 0123315005; 11.203.024; 0081545202; 0081549702; 0091544002; -202; 254168

Servicing: Mercedes-Benz

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.35, **Rotation** CR, **Terminal** W





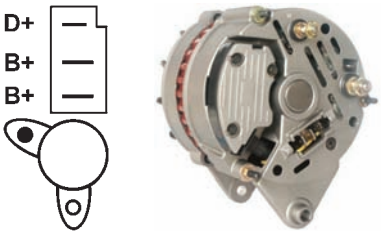
111356 Alternator

Replacing: 0120488189; 89ff10300ab; -c; r89fx10300gb; 11.201.587; aak4532; 54021506; -879; 54022059; -173; -190

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 84.50, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

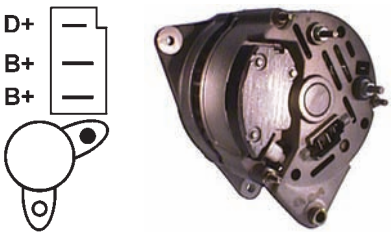


111362 Alternator

Replacing: 0120489290; -345; 82fb10300ea; 85bb10300da; 86ab10300eb; 86ax10300ab; -db; 87bb10300ba; 24215; -49;

Servicing: Ford; Austin; Land Rover; Mg; Valmet

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 11.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.50, **Rotation** CR, **Terminal** W

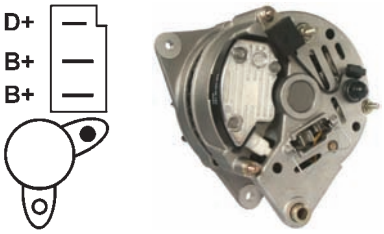


111364 Alternator

Replacing: 0120489251; -2; -92; 6159682; 82bb10300ga; 84ab10300aa; -ma; -mb; 84fb10300aa; 864f10300ea; 86ax1030

Servicing: Ford; Rover

V. 12, **Amp.** 55, **B+ / position** M6-6.3, **B+ position in min** 14, **Width of holder arm** 12.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W

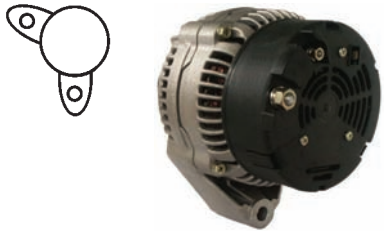


111368 Alternator

Replacing: rv87vg10300ab; rv87vx10300ab; v87vg10300aa; -b; 11.201.729; -811; aak4575; -99; 24223; -31; 54022203

Servicing: Ford

V. 12, **Amp.** 70, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.90, **Rotation** CR, **Terminal** W

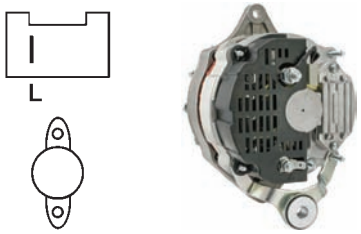


111369 Alternator

Replacing: 0123320044; 0123335002; -6; -7; 0091540102; -202; 0091545902; 0101544602; 0101545502; 0101549902; 25

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 89.85, **Rotation** CR, **Terminal** W

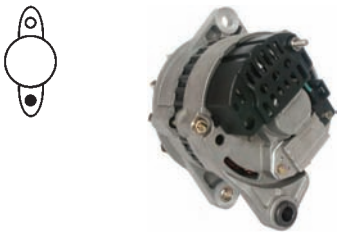


111403 Alternator

Replacing: 0120488143; 11.201.568; aak4515; a13n238; -138; -179; -3; 515003

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 33, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.25, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 46.75, **Rotation** CR, **Terminal** W

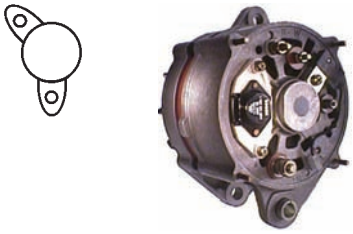


111418 Alternator

Replacing: 0120488284; 0120489336; -7; 19025068; 4799364; 4808500; -2; -7; 11.201.585; aak4530; 63320024; 63321

Servicing: Iveco; Fiat; Alfa Romeo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR

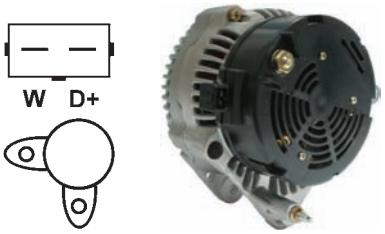


111419 Alternator

Replacing: 0120469549; -890; 4757192; -3; -4; 4844266; 0120469634; 11.201.555; aak4507; 4757193; -4; 4738026; 4

Servicing: Iveco; Fiat-Allis; Allis Chalmers; Benfra; Laverda

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 17.45, **Mount. bracket dist.** 62.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 50.00, **Rotation** CR, **Terminal** W

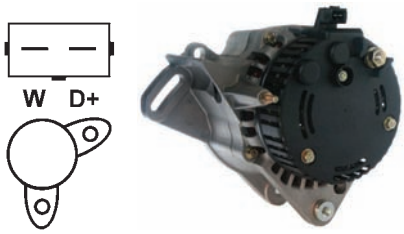


111477 Alternator

Replacing: 0120485038; 0123320001; -7; 0123340003; 9123320007; 1031896; 7203201; 95VW10300aaa; 95VW10300na; -ra

Servicing: VW; Seat; Ford; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 62.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W



111479 Alternator

Replacing: 0120485036; 0123320002; -6; 0123340002; 2541416; 2941814; a13vi123; a13vi40; 028903025p; 030903023c;

Servicing: VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 6, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W




111511 Alternator

Replacing: 7700857074; -5; 2541600; -42; -905; a11vi26; a13vi166; a13vi65; 8111570; 11.203.183; aak5389

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W




111528 Alternator

Replacing: 11.201.937; 2940060; 592601; a14n100; a14n112m; -9m; -37m; a14n81m; 2181991; 2541168; 1502272; 84594

Servicing: Volvo; Volvo Bm; Volvo Penta

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 51.50, **Fan** EF, **Pulley** Pulley, **Rotation** CR, **Terminal** W

Dust Proof.




111620 Alternator

Replacing: 0120488254; 0120489272; -3; -307; -318; -319; -823; -824; 13850; 46231740; 5955557; 5958565; 5960289

Servicing: Alfa Romeo; Fiat; Lancia; Ferrari

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.30, **Mount. bracket dist.** 63.60, **Fan** EF, **Grooves in pulley** 5, **Pulley** Pulley, **Pulley distance** 47.75, **Rotation** CR




111629 Alternator

Replacing: 0120600579; 0120689503; -4; -8; -12; -13; -15; -20; -32; -33; -91; 11.201.868; aat1303; 0071542802;

Servicing: Mercedes-Benz; Man

V. 24, **Amp.** 120, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 15.00, **Mount. bracket dist.** 179.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 56.00, **Terminal** W

B- M8




111631 Alternator

Replacing: 0120469018; -33; 6033gb3020; a14n183m; 2541624; 2542514; 3986428; 8144401; 11.203.215; aak5517; 6033

Servicing: Volvo

V. 24, **Amp.** 60, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.50, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** W




111644 Alternator

Replacing: a13vi109; a13vi80; 2541700; a13vi36; -7; 95667751; 2541408; 11.203.093; aak5359; 35214950

Servicing: Citroen; Peugeot; Iveco

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.40, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR

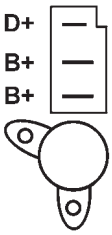



111649 Alternator

Replacing: 0120300562; 0120339512; -43; -44; -45; ar62401; az23575; 11.201.784; AAG1343; 0120300517; 0120339511

Servicing: Claas; Eicher; Lamborghini; John Deere; Same

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.00, **Rotation** CR





111652 Alternator

Replacing: 0120489002; -3; -4; -6; -7; -9; -10; -11; -521; -713; -714; -732; -971; -972; 9120080118; 11.201.605

Servicing: Audi; VW

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 108.50, **Rotation** CR




111654 Alternator

Replacing: 19025059; -62; 46231762; 7552382; 7701840; 11.201.334; -696; aak4150; -60; -557; 63320013; -7; -20;

Servicing: Fiat; Lancia

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.00, **Mount. bracket dist.** 64.00, **Fan** EF, **Pulley** Serpentine Pulley, **Rotation** CR/ACR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




111662 Alternator

Replacing: 0120339521; -36; 11.201.500; -7; aag1338; -41; 3218577EX; 3218577R91; 605710100130; 11.201.115; aag1

Servicing: Case; Ferrari; Goldoni; Agrifull; Lombardini; Arona

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

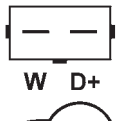



111675 Alternator

Replacing: 0123320011; -39; 4434056; 11.203.012; AAK5313

Servicing: Saab

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 84.50, **Rotation** CR, **Terminal** W





111677 Alternator

Replacing: 0120485023; -39; 9517187; 021903023q; 0123320005; 11.203.228; aak5522; 2541420; a13vi44; 0123340005

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00

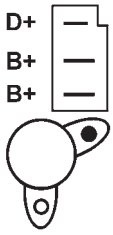



111687 Alternator

Replacing: a125-55e; -t; 46231650; 7704356; 11.201.355; aak4174; 63320094; 63321165; 7711092

Servicing: Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 26.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 53.00, **Rotation** CR





111738 Alternator

Replacing: 54022789; 11.201.576; aak4521; 24290; 54022254; -379; -390; yle10019; -35; -72; 11.201.577; aak4522;

Servicing: Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W




111740 Alternator

Replacing: 11.201.503; -4; 24186; -250; -274; 54022337; AAK1344; 24274a; e7nn10b376aa; -b; -ba; -bb; AAK1343; 2

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.30, **Mount. bracket dist.** 82.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W

w/ Battery Sensor Terminal




111746 Alternator

Replacing: 0120468093; -135; 6033gb3021; 1096758; 3986429; 0120468144; 11.203.275; aan5171; 860551

Servicing: Volvo

V. 24, **Amp.** 90, **B+ / position** M6, **B+ position in min** 49, **Width of holder arm** 14.50, **Mount. bracket dist.** 103.00, **Fan** EF, **Pulley** Double Pulley, **Rotation** CR/ACR, **Terminal** W





111795 Alternator

Replacing: 1090085; 1097305; 98ab10300gc; -d; -e; -f; -g; -j; 63321679; 63341679; 63321279; -697; 63341797; 98A

Servicing: Ford

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 72.00, **Mount. bracket dist.** 53.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 12.50, **Rotation** CR




111799 Alternator

Replacing: 0120489310; -1; -2; 8545675; -758; 8597924; 9506221; 0120489253; 8545667; 9555251; 2940361; 11.201.5

Servicing: Saab

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 56.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 79.50, **Rotation** CR, **Terminal** W




111800 Alternator

Replacing: 0120489341; -3; 070; -188; 3472070; -188; 3493620; 620; 1101199; 11.201.297; aak4131; 1204043; -4; -

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.00, **Rotation** CR, **Terminal** W

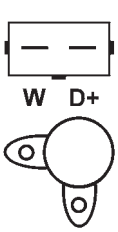



111811 Alternator

Replacing: 11.201.440; aak5102; 2110-3701010; 2112-3701010; 9402.3701

Servicing: Lada

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR





111820 Alternator

Replacing: 0123320019; -27; -34; 9517181; -3; 2541801; a13vi114; 028903027l; -8g; 037903025c; 11.203.080; aak53

Servicing: Skoda; Audi; VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.80, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W




111833 Alternator

Replacing: 0120689530; -5; -71; 1277670; 11.201.519; -757; -895; aat1302; -6; 0081547802; 0111545002; 012068957

Servicing: Mercedes-Benz; Drögmöller

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.70, **Mount. bracket dist.** 182.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
B- M8

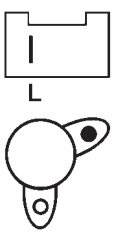


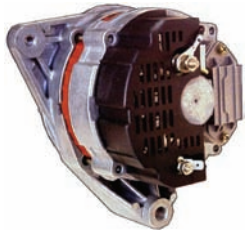

111834 Alternator

Replacing: 0120469569; -643; -763; -807; -900; -959; 257592; a13n11; 11.201.801; aak1398; 0120469960; 858882; i

Servicing: Scania

V. 24, **Amp.** 55/70, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 80.50, **Fan** EF, **Pulley** w/o, **Terminal** W
Cargo 112182 (80 Amp)





111841 Alternator

Replacing: 0120489467; -76; 95624961; 95632024; 9602174480; 11.201.060; -624; aak1111; aak3515; a1t02674; a1t02

Servicing: Citroen; Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 57, **Width of holder arm** 55.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 95.50, **Rotation** CR




111842 Alternator

Replacing: 0120689517; -22; -27; -40; -41; -69; -75; 1277690; 500332014; 11.203.001; -239; aat1337; 11.203.085;

Servicing: Mercedes-Benz; Man; Neoplan; Ikarus

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 15.00, **Mount. bracket dist.** 185.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 71.10, **Rotation** CR, **Terminal** W
B- M8




111843 Alternator

Replacing: 0120484011; -8; -26; 9x0341; px0341; 3282554; 11.201.875; AAK5165; A187623; AH137883; 9120060041; 20

Servicing: Case

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 51.00, **Fan** w/o, **Grooves in pulley** 6, **Pulley** w/o, **Pulley distance** 74.60, **Rotation** CR, **Terminal** W




111850 Alternator

Replacing: 0123510018; 0123520007; 0091545602; 0101547102; 11.203.248; aan5166; A0091545602; A0101547102; 01235

Servicing: Mercedes-Benz

V. 12, **Amp.** 143, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

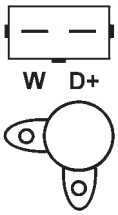



111859 Alternator

Replacing: 0120689526; 7421345000; 11.203.229; aat1327; 1277970

Servicing: Kässbohrer

V. 24, **Amp.** 120, **B+ / position** M8, **B+ position in min** 27, **Width of holder arm** 15.50, **Mount. bracket dist.** 180.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W *B- M8*





111878 Alternator

Replacing: 0123310037; 9517163; 037903025b; 11.203.076; aak5347; 20110386

Servicing: Skoda; Audi; VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W

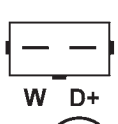



111883 Alternator

Replacing: 0123510038; -49; -80; -101; 0101540102; -502; 0101549402; 0111540802; 11.203.115; aan5132; 11.203.11

Servicing: Mercedes-Benz

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 35, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 92.00, **Rotation** CR





111884 Alternator

Replacing: 0123320038; 028903028j; 11.203.078; aak5349; 35214370; 9517482; 0123310049

Servicing: VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W




111888 Alternator

Replacing: 0120488205; 11.201.595; aak1363; A187873; 3e7285; 3920679; 0120489475; A181873; AT173624; 0120488293

Servicing: Case

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 50.60, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 81.00, **Rotation** CR, **Terminal** W

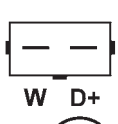



111890 Alternator

Replacing: 0123320041; 0123340007; 11.203.030; 0091543302; 0101540802; 0101544802; a13vi222; aak5322; A00915433

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 38, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W





111899 Alternator

Replacing: 0123320018; 9517189; 028903027n; 11.203.079; aak5350

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.30, **Rotation** CR, **Terminal** W




111903 Alternator

Replacing: 0123335008; 0091542902; 00a903025; 11.203.006; aak5307; A0091542902

Servicing: VW; Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 84.00, **Rotation** CR, **Terminal** W




111978 Alternator

Replacing: 0120484021; 6033gb2009; 12270187; -612; 0120484015; g198902011010; 11.203.333; akk4322

Servicing: Claas; Fendt

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 27, **Width of holder arm** 56.00, **Fan** EF, **Pulley** w/o, **Terminal** W

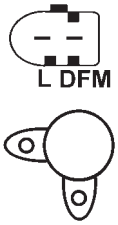



111987 Alternator

Replacing: 0120469010; -22; -23; -26; -110; -113; -679; -978; -999; 6333g3013b; 0120469027; -31; -673; -849; a1

Servicing: Iveco

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 17.00, **Mount. bracket dist.** 63.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 65.20, **Rotation** CR, **Terminal** W



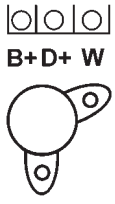


111989 Alternator

Replacing: 0124325003; 9517213; 2542241; sg9b013; 028903028d; 030903023j; 11.203.313; aak5544; SG9B088; -49; -5

Servicing: VW; Audi; Skoda; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR



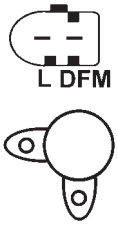


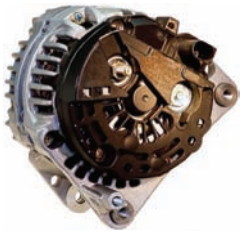
112021 Alternator

Replacing: 54022459; -98; 63321321; -58; 63340004; 63341321; -58; yle10075; -113; 11.203.205; aak5396; amr5425;

Servicing: Land Rover

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 83.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 31.00, **Rotation** CR, **Terminal** W





112043 Alternator

Replacing: 0124325004; 9517219; 074903025k; 11.203.223; aak5518

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.




112056 Alternator

Replacing: 0120488168; -9; -86; -87; -202; -204; 244; 3472144; -641; 3493244; -641; -741; -791; 641; -741; -791

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.50, **Rotation** CR, **Terminal** W

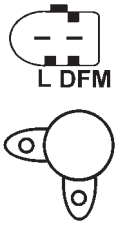



112062 Alternator

Replacing: 0123512500; al114093; 11.203.204; aan5156; AL111676

Servicing: John Deere

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 56.00, **Fan** IF, **Pulley** w/o, **Rotation** CR





112075 Alternator

Replacing: 0124315003; 443113517103; 9517103; 028903028c; 037903025e; 11.203.310; aak5541; 0124315004

Servicing: VW; Audi; Skoda; Seat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

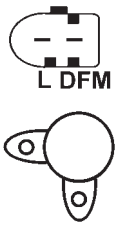



112076 Alternator

Replacing: 0120468065; -94; -116; -124; -129; -130; 98424452; -3; -739; -748; 98449163; 0120468139; -999; 77003

Servicing: Iveco; Renault V.i.; Scania; Citroen

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 27.00, **Mount. bracket dist.** 72.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.50, **Rotation** CR, **Terminal** W





112079 Alternator

Replacing: 0124325001; -12; 98VW10300ca; 038903023l; 98vn10300ca; 9517413; 1100711; 9517483; 11.203.312; aak554

Servicing: VW; Ford; Audi; Seat; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.90, **Fan** IF, **Pulley** w/o, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112097 Alternator

Replacing: 0120488252; -3; 0120489410; -2; -612; -638; -639; -792; -793; -794; -795; -796; 2998230; 19025044; -

Servicing: Iveco; Allis Chalmers; Astra; Fahr; Laverda

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W

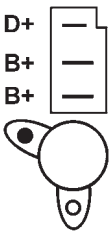



112098 Alternator

Replacing: 0120400600; -1; -3; -6; -7; -11; -37; -75; -736; 0120488138; 0120489711; 11.201.219; -444; -499; aak

Servicing: Mercedes-Benz; Iveco; Case; Claas; Eicher; Zetor; Lamborghini; Nsu

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR, **Terminal** W





112112 Alternator

Replacing: 11.201.332; -832; aak3301; 510-810; -1; -2; -3; -22; -23; -24; -25; -26; -42; -59; 9ar2723p; -4p; -3

Servicing: Yanmar; Perkins; Sabre

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR/ACR, **Terminal** W

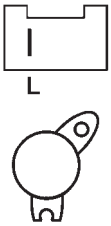



112149 Alternator

Replacing: 0120489185; -362; -363; -365; -369; -370; -436; -437; -499; 9127041200; -1; 2541434; 2940304; -5; -7

Servicing: Audi; VW; Seat

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 109.80, **Rotation** CR, **Terminal** W





112162 Alternator

Replacing: 96016744; 11.201.493; -590; aak3572; aak4535; 334113516414; 443113516414; 9515414; 9ar5055p; 557291;

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.90, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR

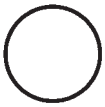



112170 Alternator

Replacing: 0120488206; 11.201.759; aak1387; PO9415420; 3920678; 0120489481; at161324; ty6774; 11.201.941; aak33

Servicing: Case; Komatsu

V. 24, **Amp.** 50, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 78.50, **Rotation** CR, **Terminal** W
Dust Proof.




112183 Alternator

Replacing: a13n165; 2541133; 1179897; 1180660; 11.201.292; AAK2301; 2541659; a13n255; AAK2306; 11.203.106

Servicing: Khd

V. 12, **Amp.** 60, **B+ / position** M6, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




112191 Alternator

Replacing: 11.201.498; aak5105; 21214-3701010; 9412.3701; 2121-43701010

Servicing: Lada

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 81.40, **Rotation** CR




112194 Alternator

Replacing: 0120465003; -15; 0123500001; 0123510002; -23; 0123540002; 0123545004; 0091543602; -702; 0091548802;

Servicing: Mercedes-Benz; Ssangyong; Dodge

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.20, **Rotation** CR, **Terminal** W




112196 Alternator

Replacing: 0123510060; -74; -75; 0101541502; -602; 11.203.119; aan5136; A0101541502; -602

Servicing: Fendt

V. 12, **Amp.** 143, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** IF, **Pulley** w/o, **Rotation** CR




112197 Alternator

Replacing: 0123510082; -107; -108; 0101545902; 0101549602; 0111540902; 0111547802; A0101545902; A0101549602; A0

Servicing: Mercedes-Benz

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 69.80, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 31.00, **Rotation** CR




112230 Alternator

Replacing: 2541461; -740; a13vi49; -87; 11.201.769; aak5136; lea0217

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.20, **Mount. bracket dist.** 69.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR






112274 Alternator

Replacing: 0124325013; -32; 9517212; a13vi223; 037903025m; 038903018a; 047903015h; 11.203.314; aak5545; sg9b024

Servicing: Seat; VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR




112298 Alternator

Replacing: 9607641280; 9611366880; 9611369580; 9612257180; 11.201.094; a2t37691; a2t37691a; a2ta0291; a2ta0291b

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 26.10, **Mount. bracket dist.** 66.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




112299 Alternator

Replacing: 9610601580; 9616862980; 9619333080; 11.201.534; a3ta0591; a3ta0591c; -d; -e; -f; a4t02891; a4t02891a

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.30, **Mount. bracket dist.** 67.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR




112302 Alternator

Replacing: 0120689516; -24; -38; -39; -50; ia9435; 11.209.448; aat1385

Servicing: VW; Iveco

V. 24, **Amp.** 120, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 16.00, **Mount. bracket dist.** 86.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 72.15, **Rotation** CR
B- M8




112310 Alternator

Replacing: 0120489533; 11.201.146; -230; aak1193; -51

Servicing: BMW; Volvo Bm

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 74.00, **Rotation** CR






112325 Alternator

Replacing: 1053656; 1074633; 91ff10300ja; -b; 95ff10300aa; -b; -c; r95ff10300ac; a2t14592; a2ta2292; 63321257;

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 14.20, **Mount. bracket dist.** 82.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112343 Alternator

Replacing: 0120689511; -43; -48; -52; -66; 11.201.902; aat1310; 571520; 1244090; 1254010; 666754; 1179882; 4252

Servicing: Renault V.i.

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.75, **Mount. bracket dist.** 182.00, **Fan** EF, **Pulley** Double Pulley, **Terminal** W

B- M8




112345 Alternator

Replacing: 0120469014; -798; 1089861; 5003349; -448; 6779261; 8113911; 858884; ia9421; 11.209.436; aan3116

Servicing: Volvo

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 51.50, **Fan** w/o, **Pulley** w/o, **Terminal** W




112389 Alternator

Replacing: 11.201.667; aak5115

Servicing: Deutz-fahr

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 55.90, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W




112416 Alternator

Replacing: 0124415002; 10480225; 6204098; 90561971; 9195753; 9201489; 0986042741; ia9426; 11.209.441; aak5723;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 33.50, **Mount. bracket dist.** 57.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 53.35, **Rotation** CR



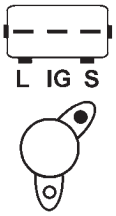

112424 Alternator

Replacing: 0120689562; 571497; 11.203.237; aat1335

Servicing: Scania

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.50, **Mount. bracket dist.** 182.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR

B- M8





112427 Alternator

Replacing: 0123525502; 500315943; 0123525500; 2995980; 504028095; a4ta0592; 0123520500; 0123525503; ia9439; 11.

Servicing: Iveco

V. 24, **Amp.** 90, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 57.60, **Fan** IF, **Grooves in pulley** 12, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

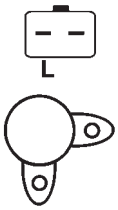



112453 Alternator

Replacing: 0120469646; -7; -66; -710; ia9433; 11.209.446; aan3121; 0120469860/875

Servicing: Iveco; Lancia; Fiat; Alfa Romeo

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 32, **Width of holder arm** 16.90, **Mount. bracket dist.** 63.00, **Fan** EF, **Pulley** w/o, **Rotation** CR





112457 Alternator

Replacing: a2tb6481; 8200120286; 8200373636; a2tv0981; 23100-0q02h; 23100-BN700; tg11c011; 2542664; 23100-00QA1

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 15.75, **Mount. bracket dist.** 59.50, **Fan** IF, **Pulley** w/o, **Rotation** CR





112458 Alternator

Replacing: 8200054588; 8200107686; 2542466; a13vi289; sg10b019; 8253813; 2542495; a13vi285; sg10b010; 770043194

Servicing: Renault

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 27.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W



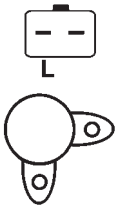


112469 Alternator

Replacing: 9638275780; 9642880180; 9636204680; 2542297; -397; -490; a13vi242; -77; sg10b022; 11.203.710; AAK574

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** Single, **Width of holder arm** 22.20, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.50, **Rotation** CR





112471 Alternator

Replacing: 4403540; 9111540; 7700426849; 2542272; sg12b017; 8253785; 8602279; 2542393; SG12B071; -96; -110; 254

Servicing: Renault; Opel; Volvo; Vauxhall; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 60.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 32.50, **Rotation** CR




112529 Alternator

Replacing: 0123320045; -61; 0123335003; 0091543002; 0091545802; 0101544702; 0101545402; 0111540402; 2541775; -9

Servicing: Mercedes-Benz; Ssangyong; John Deere

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W




112530 Alternator

Replacing: 0123510012; -39; -51; -66; -67; 0091544302; 0091549302; 0101544002; 0101545102; -202; 11.203.114; aa

Servicing: Mercedes-Benz; Ssangyong; Daewoo

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.50, **Rotation** CR




112532 Alternator

Replacing: 60613073; 0123310004; -28; 60588395; 11.203.010; aak5311

Servicing: Alfa Romeo

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 56.25, **Fan** w/o, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 81.00, **Rotation** CR, **Terminal** W





112535 Alternator

Replacing: 0124515045; 0111549302; 11.203.290; aan5179; A0111549302

Servicing: Mercedes-Benz

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.95, **Rotation** CR




112539 Alternator

Replacing: 0120465016; -7; 0123510040; -59; 0081548302; 0091541902; 0101540602; 0101541202; 11.203.113; aan5130

Servicing: Mercedes-Benz

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 84.00, **Rotation** CR, **Terminal** W




112556 Alternator

Replacing: 11.201.675; aak5118; 11.201.666; 836640927; aak5315; -114; 11.203.098; aak5363

Servicing: Same; Valmet

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W
Dust Proof.



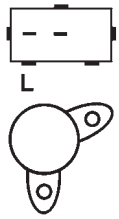

112561 Alternator

Replacing: 0120469115; -6; 6033gb3019; -22; -27; 0091549702; -802; 0101549002; -102; 0120469117; A0091549702; -

Servicing: Mercedes-Benz

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 80.00, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 111.00, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.





112654 Alternator

Replacing: 1122105; ys6110300bf; 63321711; 63341711; ia9027; 11.209.429; aak5597

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 17.25, **Mount. bracket dist.** 62.60, **Fan** IF, **Pulley** w/o, **Rotation** CR




112679 Alternator

Replacing: 7700414371; 7700416958; 7700857073; 2541610; -887; -903; -906; a13vi153; -64; -67; a13vi57; 8111571;

Servicing: Renault; Volvo

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.70, **Mount. bracket dist.** 66.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W




112688 Alternator

Replacing: 9617849180; 9624141580; a2ta2094; a2ta2094b; -c; -d; 9631318480; 2541758; 2542254; -358; a13vi231; a

Servicing: Alfa Romeo; Citroen; Peugeot; Lancia; Fiat

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 55.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.50, **Rotation** CR

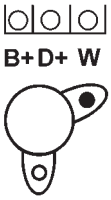



112708 Alternator

Replacing: 0123320057; 0123325007; 0123335005; 8548943; 8549438; 0123335004; 0123310041; 11.203.011; aak5312

Servicing: Saab

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 119.25, **Rotation** CR, **Terminal** W





112718 Alternator

Replacing: 54022527; 63321285; -346; 11.203.042; aak5326; 8210242; 20130116; 54022443

Servicing: Ford; New Holland

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.00, **Mount. bracket dist.** 83.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 32.00, **Rotation** CR, **Terminal** W

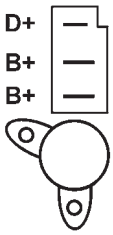



112720 Alternator

Replacing: 0124415010; 273; 3493273; 6204074; 9132653; 1204054; 9119309; IA9424; 11.209.439; aak5722

Servicing: Opel; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 33.40, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 54.00, **Rotation** CR





112724 Alternator

Replacing: 0120489025; -6; -78; -79; -184; -897; -898; -928; -930; 0051549502; 0061540502; -602; 0061542002; 00

Servicing: Mercedes-Benz

V. 12, **Amp.** 70, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.00, **Rotation** CR

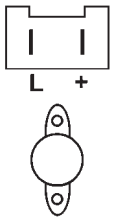



112736 Alternator

Replacing: 0120489756; 1172857; 11.201.570; AAK1378; 9515230

Servicing: Iveco; Deutz-fahr

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 56.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.50, **Rotation** CR, **Terminal** W





112744 Alternator

Replacing: 9120144295; -6; 516038; a13n120; a13n89; 7700721797; -977; 7700729300; 7700730363; 7700751337; 77014

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.00, **Rotation** CR

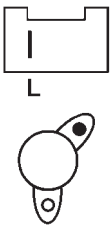



112747 Alternator

Replacing: 0120469008; -30; -102; -519; -520; -521; -585; 11.201.903; 049903015h; aak3318; 01180302; 1702121; 4

Servicing: Iveco; Ford; Renault; Deutz-fahr; Khd

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 38, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 78.70, **Rotation** CR, **Terminal** W





112754 Alternator

Replacing: 95632727; 11.201.679; aak4542; 2541170; a13n130; -76; 2541364; a13n216; 2180675

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 95.00, **Rotation** CR




112757 Alternator

Replacing: 0120469920; 1105367; 571516; ia9420; 11.209.435; aan3115

Servicing: Volvo; Scania

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 27.50, **Mount. bracket dist.** 68.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




112768 Alternator

Replacing: 0120488194; -5; 11.201.304; aak4138; -518; 63320037; 0120489019; -402; -457; 11.201.071; 30680316; 6

Servicing: Alfa Romeo; Goldoni

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W

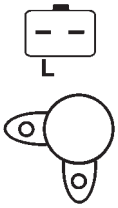



112788 Alternator

Replacing: 0120489465; 1362708; 5003636; 11.201.559; AAK3592

Servicing: Volvo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 71.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 109.00, **Rotation** CR, **Terminal** W



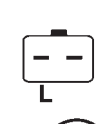


113245 Alternator

Replacing: sg12b030; 2542722; SG12B072; -68; -97; -107; -122; lea0457; 23100-00QAP; 2543338; 2542640; 820020625

Servicing: Renault; Opel; Vauxhall; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.90, **Mount. bracket dist.** 60.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR





113248 Alternator

Replacing: sg12b038; 2542523; sg12b050; 23100-00QAL; -0B; 4412045; 9112331; 93160829; 93176396; 9512861; 254334

Servicing: Volvo; Renault; Opel; Vauxhall; Nissan

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.75, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 36.00, **Rotation** CR

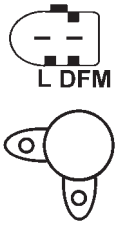



113305 Alternator

Replacing: 0120689506; -67; 11.203.238; aat1336

Servicing: Mercedes-Benz; Kässbohrer

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 15.75, **Mount. bracket dist.** 179.85, **Fan** EF, **Pulley** w/o, **Terminal** W





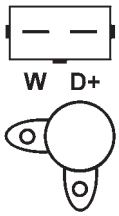
113340 Alternator

Replacing: 0124315001; 9517403; 038903023k; aak5547;

Servicing: VW; Audi; Skoda; Seat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 62.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





113341 Alternator

Replacing: 0123310035; 9517463; 11.203.075; aak5346; 11.203.316

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.90, **Mount. bracket dist.** 61.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W




113376 Alternator

Replacing: 0120400614; 0120488158; 0120489118; -9; -635; -636; 0120400833; -4; 0120489585; -6; -625; -626; -768

Servicing: Opel; Vauxhall; Lancia; Bedford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 56.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.60, **Rotation** CR, **Terminal** W

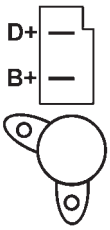



113442 Alternator

Replacing: 0101544902; 0123320047; 11.203.007; aak5308; A0101544902

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 82.00, **Rotation** CR, **Terminal** W





113469 Alternator

Replacing: 0120339526; aag1307; 11.201.062

Servicing: Marshall; Steyr

V. 12, **Amp.** 33, **B+ / position** Plug, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.50, **Rotation** CR *Dust Proof.*




113471 Alternator

Replacing: 46231658; 7636428; -31; 77347410; 63320040; 63321173; 11.201.695; aak4556

Servicing: Fiat; Lancia

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 32.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 54.40, **Rotation** CR, **Terminal** W




113472 Alternator

Replacing: 46231691; 7651070; 63320048; 7702245; 77603411; 63320082; 63321149; -51; 943321149; 11.201.697; aak4

Servicing: Fiat; Lancia; Innocenti

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 24.90, **Mount. bracket dist.** 77.45, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 49.00, **Rotation** CR, **Terminal** W

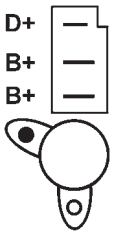



113473 Alternator

Replacing: 63320047; -73; 7702242; 11.201.698; aak4559; 46231690; -721; 7647441; 7648126; 7650210; 7651050; -1;

Servicing: Fiat; Lancia; Innocenti

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 24.50, **Mount. bracket dist.** 77.85, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 49.20, **Rotation** CR, **Terminal** W





113474 Alternator

Replacing: 11.201.913; 3536264m91; aak3320; 11.201.396; aak1324; 23833; -62; -902; -937; -938; -943; -996; 2401

Servicing: Austin; Rover; Landini; Massey Ferguson

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 47, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.55, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.90, **Rotation** CR, **Terminal** W




113477 Alternator

Replacing: 11.201.746; a14n47m; 11.201.939; AAK1383; aak3334; 181991

Servicing: Volvo; Volvo Bm; Volvo Penta; Daf

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 72.50, **Rotation** CR, **Terminal** W




113485 Alternator

Replacing: 0123310010; a2ta1994; a13vi230; -60; a13vi95; 11.203.054; aak5329

Servicing: Citroen; Peugeot; Fiat; Lancia; Suzuki

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR

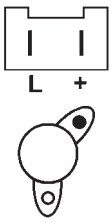



113486 Alternator

Replacing: 0123320035; 0091547602; 0101549802; 11.203.008; aak5309; A0091547602; A0101549802

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.85, **Rotation** CR





113487 Alternator

Replacing: 11.201.906; 7700805158; a13n204; 2541259; aak3125

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.70, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 53.00, **Rotation** CR, **Terminal** W

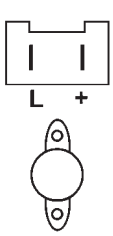



113488 Alternator

Replacing: 0120689523; -42; -46; 1232608; 1248660; 11.203.231; aat1329; 0120689572; 266679

Servicing: Daf

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.50, **Mount. bracket dist.** 180.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W *D- M8*





113500 Alternator

Replacing: 7701351759; 7701499438; aak3595; 11.201.536; a13n163; -4; 7700784979; 2541124

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.60, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W





113510 Alternator

Replacing: 0124525008; sg14b012; 078903016; 078903016ca; SG14B013; 2542497; -587; 0124525087; 0124615007; 07890

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 14.10, **Mount. bracket dist.** 81.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR



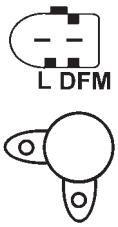


113529 Alternator

Replacing: 11.201.087; 63321753; -347; 11.203.087; aak5354; 11.203.088; aak5355; 82010243; 82014508; 63321345;

Servicing: Ford; New Holland

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.10, **Mount. bracket dist.** 83.30, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 32.00, **Rotation** CR, **Terminal** W





113530 Alternator

Replacing: 021903025f; 0124315002; 0124325002; 021903025H; -j; 9517108; 11.203.315; aak5546

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.80, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR



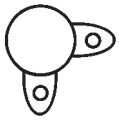

113531 Alternator

Replacing: 0120484012; 1020484017; 0120484019; -7; ae53101; al78689; -92; at78689; ty24486; ty6793; 11.203.332;

Servicing: John Deere

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 56.20, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

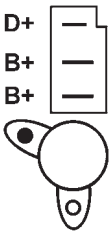



113533 Alternator

Replacing: aak4569; 11.201.711; 63320111

Servicing: Fiat; Lancia; Lombardini

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 31.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.00, **Rotation** CR, **Terminal** W





113574 Alternator

Replacing: 23680; 9ar2919p; 24049; 3477851R91; 3538541M91; na066; 11.201.276; aak4118; 0120489958; -9; 81db1030

Servicing: Case; New Holland; Valmet

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 10.40, **Mount. bracket dist.** 90.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.85, **Rotation** CR, **Terminal** W





113575 Alternator

Replacing: a13vi236; 2542286; 11.203.709; AAK5740; 9633782680; 2542396; a5ta6391a; 9638275980; A5TA6391C; 96382

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




113603 Alternator

Replacing: a13vi203; sg8b020; 2541970; 2542486; a2tb4791; a2tb4791a; -b; 71716608; 9623727280; 9642880380; 9623

Servicing: Peugeot; Citroen; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** Single, **Width of holder arm** 22.00, **Mount. bracket dist.** 46.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




113632 Alternator

Replacing: 0120484002; 0120489156; -317; 0120488217; 11.201.934; aak3329; 0120484003; -16; -20; 9513071; 012006

Servicing: Lada; John Deere

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 56.10, **Fan** IF, **Pulley** Pulley, **Rotation** CR, **Terminal** W




113667 Alternator

Replacing: 46231722; 46412679; 63321312; -613; 46428729; 63320510; aak5721; ia9030; 11.209.433; 46430528

Servicing: Fiat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 17.00, **Mount. bracket dist.** 55.25, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR




113738 Alternator

Replacing: 11.203.155; -396; aak5376; -565; 1182167

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** Single, **Width of holder arm** 56.00, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W

Dust Proof.

113768 Alternator

Replacing: 11.203.062; -398; AAK5335; -567; 1171745

Servicing: Mercedes-Benz; Ssangyong

V. 12, **Amp.** 95

Dust Proof.





113771 Alternator

Replacing: ia1228; 11.203.631; aan7111; 10480403; -7; 0001501650; 0001502450; A0001502450

Servicing: Mercedes-Benz; VW

V. 12, **Amp.** 190, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 93.45, **Mount. bracket dist.** 56.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 30.50, **Rotation** CR

Water-cooled





113772 Alternator

Replacing: ia1260; 11.203.632; aan7112; 10480404; -8; 0001501750; 0001502550; A0001501750

Servicing: Mercedes-Benz

V. 12, **Amp.** 190, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 93.50, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 31.00, **Rotation** CR
Water-cooled





113789 Alternator

Replacing: 7700803325; AAK4588; ai3n199; -230; -235; na408; -349; 2541460; 11201768; 7700820449; 7701352045; -7

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.04, **Mount. bracket dist.** 68.44, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.75, **Rotation** CR, **Terminal** W



113837 Alternator

Replacing: 0124525044; -84; -141; 23100-00QAN; 4405286; 8200190721; 8200404300; 9121119; 0124525133; 8200692868

Servicing: Renault; Vauxhall; Nissan; Opel

V. 12, **Amp.** 150





110348 Alternator

Replacing: 0120488280; a125-09; a125-55s; als12n-82; 11.201.293; aak4127; 2108-3701010; 224-370701; 224-373701;

Servicing: Lada

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.60, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR





110349 Alternator

Replacing: 19025771; a124-14; a124l; alb12-117; 4052100; 2101-3701000; -5; -10; 2101-3710000; 221-3701000; f221

Servicing: Lada

V. 12, **Amp.** 42, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 18.50, **Mount. bracket dist.** 61.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR
Regulator: Cargo 130613





110350 Alternator

Replacing: 19025772; a124-15; a124-44s; als12-81; 11.201.294; aak4128; 2105-3701005; -10; 222-3701005; -10; kat

Servicing: Lada; Fiat

V. 12, **Amp.** 44, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.50, **Mount. bracket dist.** 60.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR





110890 Alternator

Replacing: 0120400943; 0120489107; -34; -46; -47; -763; -770; -838; 19025046; 10910; 46231786; 4721589; -91; -9

Servicing: Alfa Romeo; Iveco; Fiat; Same; Lamborghini

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 65.30, **Fan** w/o, **Pulley** w/o, **Rotation** CR





111811 Alternator

Replacing: 11.201.440; aak5102; 2110-3701010; 2112-3701010; 9402.3701

Servicing: Lada

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR





112191 Alternator

Replacing: 11.201.498; aak5105; 21214-3701010; 9412.3701; 2121-43701010

Servicing: Lada

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 81.40, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




110801 Alternator

Replacing: 0r5217; 3n2706; 3t6352; 3y6691; 5n5692; 6n9294; 7n9720; 9g8255; 3016627rx; 3604676rx; 3923550; 11176

Servicing: International; Fiat-Allis; Cummins; Caterpillar; Atlas Copco; Case

V. 24, **Amp.** 45, **B+ / position** 1/4" UNF, **B+ position in min** 55, **Width of holder arm** 14.80, **Mount. bracket dist.** 101.70, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W

Replacing: 20 SI. R-Terminal 8-32(W).




110937 Alternator

Replacing: 10459016; 1117147; -8; -60; -735; -743; 2300j; -60j; 2500j; 2600j; 2700j; 2805j; 4425ja; 4625ja; 472

Servicing: Caterpillar; Cadillac; International

V. 12, **Amp.** 200, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 15.04, **Mount. bracket dist.** 98.17, **Fan** EF, **Insulator** D, **Pulley** w/o, **Terminal** W




112560 Alternator

Replacing: 4727JB

Servicing: Cummins

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.50, **Fan** EF, **Pulley** w/o, **Rotation** CR




113651 Alternator

Replacing: 2670j; 2500lj; 2626j

V. 12, **Amp.** 160, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.80, **Mount. bracket dist.** 103.30, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR/ACR




113740 Alternator

Replacing: 2800j; a0012800jb; 2800JB; A0012800LC; 2800LC

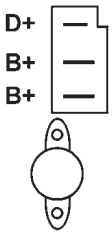
Servicing: Volvo; International; Ford; Various; Deutz-fahr; Caterpillar

V. 12, **Amp.** 160, **B+ / position** 5/16" UNC, **B+ position in min** 7, **Width of holder arm** 14.85, **Mount. bracket dist.** 101.25, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 45.00, **Rotation** CR

113823 Alternator

Replacing: 6000ab; -c; -8ac; 6014aa; -c; 6020aa; -c; a0016000ac; 6022ac

V. 12, **Amp.** 40, **Fan** EF, **Pulley** Pulley

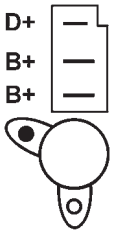



110107 Alternator

Replacing: lr150-190; -1; 24033; -124; -204; 1699872m1; -r1; 432984qo; 510-187; -298; -299; -300; -301; -315; -

Servicing: Massey Ferguson

V. 12, **Amp.** 55, **B+ / position** 6.3, **B+ position in min** 17, **Width of holder arm** 27.00, **Fan** w/o, **Pulley** w/o

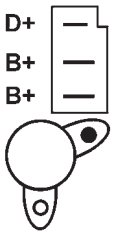



110178 Alternator

Replacing: 0120339502; 0120389502; -3; 9120331502; -901; -913; 516011; alp12n-2; alt12n-14; -39; 1504563; 15371

Servicing: Case; Ford; Austin; Land Rover; Triumph; Mg; Morris; Talbot; Vauxhall; Bedford; New Holland; Massey

V. 12, **Amp.** 36, **Width of holder arm** 10.00, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR




110179 Alternator

Replacing: 86bb10300db; 23568; -74; -76; -83; -85; -91; -92; -600; -609; -611; -624; -626; -629; -631; -632; -6

Servicing: Triumph; Ford; Vauxhall; Land Rover; Ldv International; Bedford; Case; Jaguar; Mercury; Lotus

V. 12, **Amp.** 36, **B+ / position** Plug, **B+ position in min** 20, **Width of holder arm** 9.75, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR

For Fan with 17 mm bore use bushing: Cargo 134894



110482 Generator

Replacing: dnl12-22; 69eb10002ca; 22250; -8; -72; -95; -97; -700; -704; 22704l; -q; 22705; 22705f; -l; 22715; 2

Servicing: Ford; Austin; Mg; Morris; Case; Triumph; Lotus

V. 12, **Amp.** 22, **O.D.** 144.00, **Pulley** 75.00, **Max rotation speed** w/o, **Insulated return** 60



110483 Generator

Replacing: 22255; -9; -703; 22703k; -m; 22708; -19; 22719h; -j; 22733; 22733e; -j; 22780; -8; -91; 26021104; nd

Servicing: Massey Ferguson; Case; Allis Chalmers

V. 12, **Amp.** 11, **O.D.** 144.00, **Pulley** 76.00, **Insulated return** 10

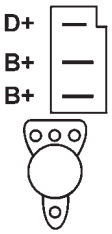


110484 Generator

Replacing: 22756; -8; -61; -62; -64; -69; -83; -92; 2871181; -4; 534054d

Servicing: Ford; Massey Ferguson; Allis Chalmers; Case

V. 12, **Amp.** 22, **L.** 258.65, **Pulley** w/o





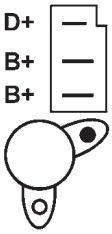
110497 Alternator

Replacing: 66921126; nab900; 9120690170; 66021126

Servicing: Austin-healey

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 10.50, **Mount. bracket dist.** 84.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR, **Terminal** W

W/ Mounting Bracket for left and right side of engine





110607 Alternator

Replacing: 5026721; 884f10k359ab; 894f10300ba; 894fx10300ba; r89fx10300ba; u88vg10k359aa; 24188; -230; -264; 54

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 11.30, **Mount. bracket dist.** 83.00, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.70, **Rotation** CR

111754 W/vacuum pump



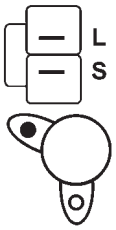


110612 Alternator

Replacing: 0120489127; -738; -739; 19025066; -761; -786; 201003020.0; a115-03; -43; a125-02; a125-45b; als12n-2

Servicing: Fiat; Lancia; Zastava; Bertone

V. 12, **Amp.** 43, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 23.15, **Mount. bracket dist.** 73.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.45, **Rotation** CR





110630 Alternator

Replacing: lr170-715; lr170-715b; lr170-716; lr170-716b; 54022338; a2t48292; -8; 23100-d4400; -5; -10; -15

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 19.88, **Mount. bracket dist.** 81.30, **Fan** EF, **Grooves in pulley** 6/4, **Pulley** Serpentine Pulley, **Pulley distance** 35.35, **Rotation** CR



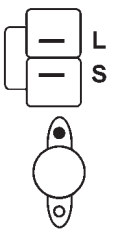


110641 Alternator

Replacing: 0120300514; 0120339514; -31; -52; 11.201.027; -96; aag1301; -11; -28; 24171; 11.201.372; X830060011;

Servicing: Bosch; Case; Claas; Fendt; Goldoni; Deutz-fahr; Kramer; Lamborghini; Liebherr; Linde; Bpm

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 55.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.30, **Rotation** CR





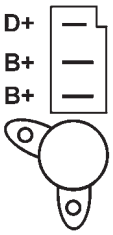
110659 Alternator

Replacing: 37300-24510; -1; ab175015; -53; a2t09292; -493; a2t49992; a5t05091; md012085; md114620; md309333; 37

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.15, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



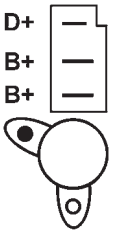


110726 Alternator

Replacing: 0120400744; 0120489500; -1; -19; -32; -46; -678; -698; -699; 23888; 9ar2511f; -9f; -24f; 028903023a;

Servicing: Audi; VW; Daf

V. 12, **Amp.** 35, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.40, **Fan** w/o, **Pulley** w/o, **Rotation** CR





110759 Alternator

Replacing: 0120400704; -5; -814; 0120489087; -508; -509; -511; -536; -561; -562; -616; -803; -804; -894; -940;

Servicing: Ford; Austin; Mercury

V. 12, **Amp.** 35, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.65, **Mount. bracket dist.** 79.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.15, **Rotation** CR



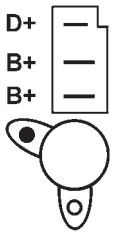


110766 Alternator

Replacing: 0120400694; -790; -791; 0120488224; 0120489023; -707; -730; 11.201.052; -574; aak1115; -352; 81.2610

Servicing: Iveco; Mercedes-Benz; Khd; Magirus-deutz; Case; Deutz-fahr; Liebherr; Atlas Copco

V. 24, **Amp.** 27, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 56.25, **Fan** w/o, **Grooves in pulley** Single, **Pulley** w/o, **Pulley distance** 78.85, **Rotation** CR, **Terminal** W



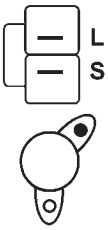


110770 Alternator

Replacing: 86vb10300aa; 873f10300ba; 24157; 24157d; -f; 24208; -76; 54022057; -108; -109; -117; -118; -143; -16

Servicing: Austin; Rover; Mg; Ldv International; Massey Ferguson; Vauxhall; Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 11.20, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR





110804 Alternator

Replacing: 37300-33100; -1; -3; hab190120; ab190025; -72; a3t45691; -3; a3t45693zc; a3t45694; md149750; md15384

Servicing: Mitsubishi; Hyundai; Kia; Dodge; Eagle; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.40, **Mount. bracket dist.** 77.40, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.85, **Rotation** CR





110882 Alternator

Replacing: 0120489106; -45; -761; -762; -765; 4152612; 46231751; 4711700; 4721587; 4808498; 5101645; 77028550;

Servicing: Fiat; Iveco; Alfa Romeo; Lamborghini; Same

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 16.25, **Mount. bracket dist.** 63.35, **Fan** w/o, **Pulley** w/o, **Rotation** CR





110890 Alternator

Replacing: 0120400943; 0120489107; -34; -46; -47; -763; -770; -838; 19025046; 10910; 46231786; 4721589; -91; -9

Servicing: Alfa Romeo; Iveco; Fiat; Same; Lamborghini

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 65.30, **Fan** w/o, **Pulley** w/o, **Rotation** CR





110891 Alternator

Replacing: 0120488286; 0120489346; -7; -408; 1005351; 5026113; 86ab10300na; -b; 86ax10300mb; 0120488211; r86ax1

Servicing: Ford; Land Rover; Mg

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.30, **Mount. bracket dist.** 82.00, **Fan** EF, **Pulley** Pulley, **Rotation** CR, **Terminal** W



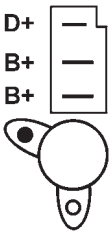


110925 Alternator

Replacing: 0120400838; -9; 0120489114; -5; -627; -628; 014; -32; -35; -58; 3472014; -32; -35; -58; 9ar2619g; 12

Servicing: Opel; Vauxhall; Saab

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR



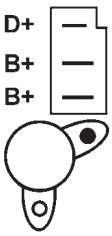


110968 Alternator

Replacing: alt2n-14; alf12-18; alt12n-13; alt12n-2; 11.201.470; aak1133; 23686; -749; -764; -785; -832; -882; -

Servicing: Austin; Rover; Nissan; Mg; Case; Dronningborg; Valmet

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR



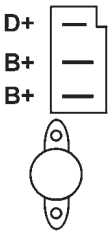


110969 Alternator

Replacing: alp12n-1; 23582; -667; -696; -723; -786; -826; -935; 24044; -64; 54021953; -88; 54022137; 60021012;

Servicing: Land Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 38.00, **Rotation** CR



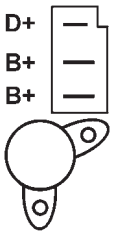


110970 Alternator

Replacing: 11.201.095; aag1310; 66021147; nab302; 510-38; -9; -56; 9ar2510; -47; 9ar2547f; 9ar2548; 9ar2548k; 9

Servicing: Massey Ferguson

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 27.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 58.00, **Rotation** CR





110971 Alternator

Replacing: 7530; 11.201.390; aak4192; 66021148; nab303; 0120489708; 11.201.544; AAK4503

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 30, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 85.00, **Rotation** CR/ACR, **Terminal** W

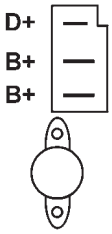



110972 Alternator

Replacing: 0120489121; -3; -4; 050; -2; -67; -68; 3471214; 3472050; -2; -67; -68; 60021054; -5; -6; 66021101; -

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 56.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 87.90, **Rotation** CR



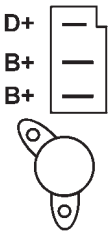


110973 Alternator

Replacing: 66021150; nab305; 66021150

Servicing: Opel

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 80.00, **Rotation** CR





110974 Alternator

Replacing: 0120400782; -840; -841; 0120489108; -9; -629; -630; 002; -27; -28; -57; -272; 3472002; -27; -28; -57

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 86.25, **Rotation** CR

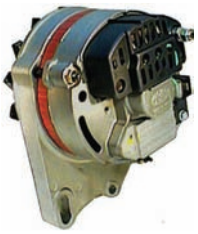



111035 Alternator

Replacing: 0120489126; -86; -87; -88; 19025051; -787; -789; 4395131; 4434084; 46231684; -7; 5958394; -5; 596759

Servicing: Fiat; Lancia; Zastava; Autobianchi; Innocenti; Case; Audi; VW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 22.00, **Mount. bracket dist.** 74.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.25, **Rotation** CR, **Terminal** W

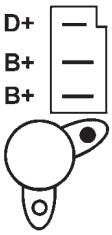
111078 Alternator

Replacing: 9120144228; -9; -40; -41; 516032; alp12n-20; -4; 4451759; 4456152; 4458618; 46231655; 5947366; -76;

Servicing: Fiat; Seat; Lancia; Autobianchi; Zastava

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 21.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 53.25, **Rotation** ACR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





111086 Alternator

Replacing: 0120339504; -19; 0120400808; -9; -72; -73; 0120489050; -2; -4; -98; -99; -100; -101; -105; -287; -42

Servicing: Ford; Austin; Rover; Mg; Mercury

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 83.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.60, **Rotation** CR




111148 Alternator

Replacing: 0120488140; -235; 0120489128; -9; -263; -348; -400; -942; -943; 283020.1; a125-65b; 4470266; 4623168

Servicing: Fiat; Lancia; Zastava; Autobianchi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 23.00, **Mount. bracket dist.** 75.60, **Fan** w/o, **Grooves in pulley** Single, **Pulley** Serpentine Pulley, **Pulley distance** 52.25, **Rotation** CR

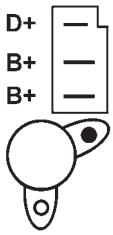



111176 Alternator

Replacing: 1659058; 5027845; 5029923; 86ab10300aaa; 89ff10300eb; -ja; -jb; 89fx10300eb; -ja; 91ff10300ta; r86ax

Servicing: Ford; Land Rover; Ldv International

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.25, **Mount. bracket dist.** 81.65, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W





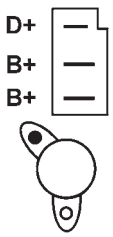
111184 Alternator

Replacing: 23616; -8; -9; -73; -83; -92; -702; -720; -738; -758; -760; -768; -809; -810; -828; -841; -857; -860

Servicing: Rover; Ford; Vauxhall; Land Rover; Massey Ferguson; Triumph

V. 12, **Amp.** 43, **Width of holder arm** 9.85, **Mount. bracket dist.** 81.00, **Fan** IF, **Pulley** w/o, **Rotation** CR

For pulley w/17 mm bore: use bushing 134894





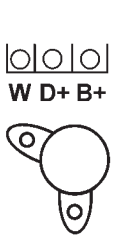
111185 Alternator

Replacing: 23573; -617; -622; -677; -684; -691; -693; -709; -719; -721; -737; -751; -756; -759; -765; -766; -76

Servicing: Ford; Austin; Rover; Land Rover; Vauxhall; Morris; Mg; Ldv International; Case; Massey Ferguson; Tri

V. 12, **Amp.** 43, **Width of holder arm** 9.80, **Mount. bracket dist.** 81.00, **Fan** IF, **Pulley** w/o, **Rotation** CR

For pulley w/17 mm bore: use bushing 134894



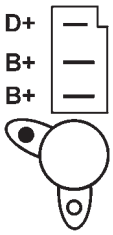


111282 Alternator

Replacing: 24329; 54022453; 63320309; 63321351; 63341351; yle10128; yle101840; 20110163

Servicing: Rover

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 13.75, **Mount. bracket dist.** 70.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.85, **Rotation** CR, **Terminal** W



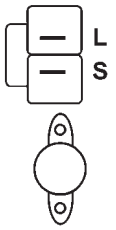


111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W



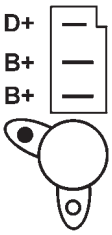


111315 Alternator

Replacing: f32z10346b; K801-18-300; K801-18-300B; -C; -D; a3t08491; a3t08491a; a3t08491zc; KL11-18-300D; 660213

Servicing: Mazda; Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.45, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 37.65, **Rotation** CR



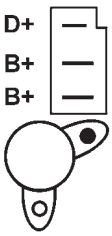


111355 Alternator

Replacing: 0120489293; -384; -385; 24158; -209; -245; -291; -294; -390; 54022579; -428; -639; -642; -647; -656;

Servicing: Austin; Rover; Nissan; Mg; Massey Ferguson; New Holland; Dronningborg; Valmet; Universal

V. 12, **Amp.** 65, **B+ / position** M6-6.3, **B+ position in min** 11, **Width of holder arm** 11.50, **Mount. bracket dist.** 81.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR, **Terminal** W





111356 Alternator

Replacing: 0120488189; 89ff10300ab; -c; r89fx10300gb; 11.201.587; aak4532; 54021506; -879; 54022059; -173; -190

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 84.50, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W



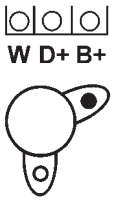


111359 Alternator

Replacing: 0120488148; 0120489460; 88bb10300ha; -b; 88bx10300gb; 24216; 54022181; -318; -319; -320; 24216a; 201

Servicing: Ford

V. 12, **Amp.** 70, **Width of holder arm** 10.85, **Mount. bracket dist.** 82.75, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 24.55, **Rotation** CR





111360 Alternator

Replacing: 89ff10300cc; -d; -e; 89fx10300cd; r89ff10300cd; -e; r89fx10300cd; 24236; -71; 54022303; -5; -7; -400

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 24, **Width of holder arm** 10.90, **Mount. bracket dist.** 83.30, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.65, **Rotation** CR, **Terminal** W



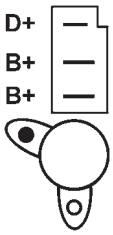


111361 Alternator

Replacing: 24286; 54022308; -75; -608; -653; -654; -662; 23100-71j00; -10; 54022664; 24418; -1; 2871A166; 20100

Servicing: Nissan

V. 12, **Amp.** 67, **B+ / position** M6, **B+ position in min** 37, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 69.65, **Rotation** CR, **Terminal** W



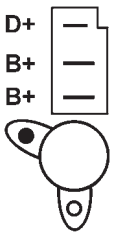


111362 Alternator

Replacing: 0120489290; -345; 82fb10300ea; 85bb10300da; 86ab10300eb; 86ax10300ab; -db; 87bb10300ba; 24215; -49;

Servicing: Ford; Austin; Land Rover; Mg; Valmet

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 11.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.50, **Rotation** CR, **Terminal** W



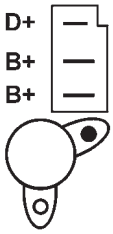


111363 Alternator

Replacing: 24246; -56; 54022292; -310; -481; 24256a; -c; 24327a; 24246a; 24327; 63324327; 54022446; 20100530; 6

Servicing: New Holland; Ford

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 11.00, **Mount. bracket dist.** 83.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.70, **Rotation** CR, **Terminal** W





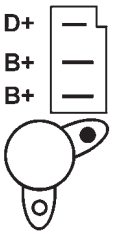
111364 Alternator

Replacing: 0120489251; -2; -92; 6159682; 82bb10300ga; 84ab10300aa; -ma; -mb; 84fb10300aa; 864f10300ea; 86ax1030

Servicing: Ford; Rover

V. 12, **Amp.** 55, **B+ / position** M6-6.3, **B+ position in min** 14, **Width of holder arm** 12.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



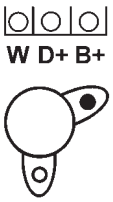


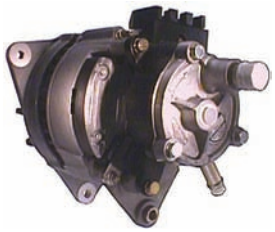
111366 Alternator

Replacing: 9120144289; -90; 24169; -98; 54022145; -66; -96; -207; -228; -246; -264; -265; -274; -401; 24219; 24

Servicing: Land Rover; Ldv International

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 11.00, **Mount. bracket dist.** 83.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W





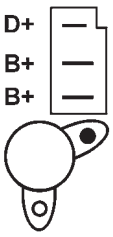
111367 Alternator

Replacing: 54022425; -9

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 36.65, **Rotation** CR, **Terminal** W

w/o Vacuum Pump: Cargo 111743





111368 Alternator

Replacing: rv87vg10300ab; rv87vx10300ab; v87vg10300aa; -b; 11.201.729; -811; aak4575; -99; 24223; -31; 54022203

Servicing: Ford

V. 12, **Amp.** 70, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.90, **Rotation** CR, **Terminal** W

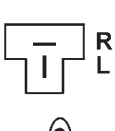



111418 Alternator

Replacing: 0120488284; 0120489336; -7; 19025068; 4799364; 4808500; -2; -7; 11.201.585; aak4530; 63320024; 63321

Servicing: Iveco; Fiat; Alfa Romeo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR





111495 Alternator

Replacing: a7t03277; a7t03277a; 20140109; LRA002043; S5SN-18-300; S5SN-18-300A; 00591-33580-81; 00591-55973-81;

Servicing: Hyster; Mitsubishi; Sumitomo; Yale

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.75, **Rotation** CR

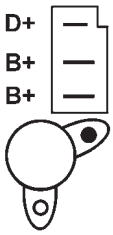



111510 Alternator

Replacing: 510-845; -60; -64; 9ar3855g; 9ar3959g; 9ar6000; 2960000; 66021593; 47020090; 9AR3855; 9ar6000g; 4702

Servicing: Ford; Perkins

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 10.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W



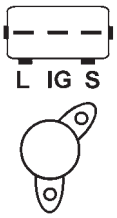


111569 Alternator

Replacing: 24299; -406; 54022578; 24413; 54022415; 66021585; 54022711; AELB710; 2871a007; -651

Servicing: Daf; Ldv International

V. 24, **Amp.** 30, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.70, **Mount. bracket dist.** 82.80, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W



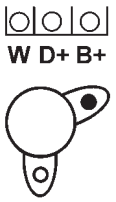


111579 Alternator

Replacing: 100211-8991; 101211-0060; -1; -2; -120; -180; -181; 101211-5020; -80; -240; 27060-02040; 27060-15080

Servicing: Toyota; Geo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 28.30, **Mount. bracket dist.** 44.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR



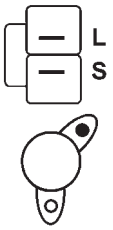


111623 Alternator

Replacing: 1668894; 5027848; 5029902; 894x10300ae; 924x10300ab; 954f10300aa; r924x10300ab; rv94gb10300bb; v94gb

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 11.80, **Mount. bracket dist.** 83.40, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W





111626 Alternator

Replacing: a3ta3098; a3ta3098a; md200695; me200695; me201745; -837; me202755; a3t09198; 20130191; lra0468

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 13.20, **Mount. bracket dist.** 54.60, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR




111631 Alternator

Replacing: 0120469018; -33; 6033gb3020; a14n183m; 2541624; 2542514; 3986428; 8144401; 11.203.215; aak5517; 6033

Servicing: Volvo

V. 24, **Amp.** 60, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.50, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** W




111658 Alternator

Replacing: a14n118m; -41m; a14n200m; -6m; 2522104; 2541199; -828; -850; 872021; lea0495

Servicing: Volvo; Renault V.i.; Volvo Penta

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 50.75, **Fan** w/o, **Insulator** D, **Pulley** w/o, **Terminal** W




111710 Alternator

Replacing: ac155616; ac165610; -7; -8; 80-5844t; -84p; -84t; 80-7652; 80-7652t; 80-7653; 80-7653t; ac165616; 80

Servicing: Mercury; Omc

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.00, **Rotation** CR/ACR



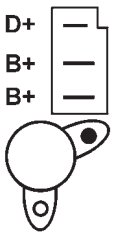


111718 Alternator

Replacing: 0123100001; 7700105333; 2541953; a11vi88; 8111920; tg8s025; -17; lea0458

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 26.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W



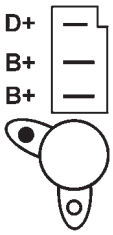


111738 Alternator

Replacing: 54022789; 11.201.576; aak4521; 24290; 54022254; -379; -390; yle10019; -35; -72; 11.201.577; aak4522;

Servicing: Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W





111739 Alternator

Replacing: f0nn10b376ab; 24273; 54022336; 63324273; 24273a; 66021605; LEA0120

Servicing: New Holland; Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.40, **Mount. bracket dist.** 82.30, **Fan** EF, **Pulley** w/o, **Rotation** CR
w/ Battery Sensor Terminal

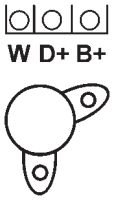



111740 Alternator

Replacing: 11.201.503; -4; 24186; -250; -274; 54022337; AAK1344; 24274a; e7nn10b376aa; -b; -ba; -bb; AAK1343; 2

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.30, **Mount. bracket dist.** 82.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W
w/ Battery Sensor Terminal





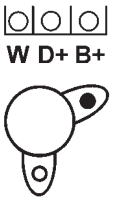
111741 Alternator

Replacing: 0120488149; -78; -79; -80; -242; -243; 5024754; 89bb10300jb; 89bx10300hb; 92vb10300ab; -bb; 01204881

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 11.50, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



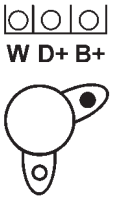


111742 Alternator

Replacing: 5027810; -48; 924f10300ab; 924f10k359ab; 924fx10k359aa; 924x10300ab; r954f10300aa; 24293; -374; 5402

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 12.30, **Mount. bracket dist.** 82.60, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.75, **Rotation** CR, **Terminal** W





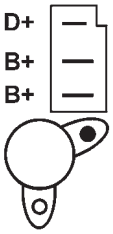
111743 Alternator

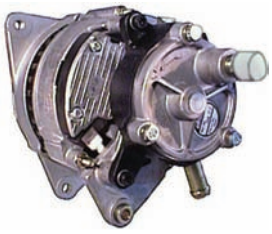
Replacing: 914f10300aa; 914f10k359aa; 24316; 54022425; -9; 20110161; LEA0040

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 12.25, **Mount. bracket dist.** 82.50, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.45, **Rotation** CR, **Terminal** W

w/ Vacuum Pump: Cargo 111367



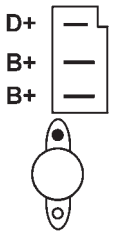


111754 Alternator

Replacing: 5026721; 864f10300fd; -e; 864f10k359fc; -d; r89fx10300aa; 24188; -230; -264; 54022301; -51; -73; -74

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 13, **Width of holder arm** 12.25, **Mount. bracket dist.** 82.70, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.65, **Rotation** CR



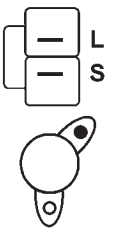


111948 Alternator

Replacing: 23865; 24019; -22; -87; 9ar2553; 9ar2786k; 9ar2851; 9ar2861k; 9ar2862; 9ar2862k; 9ar2944k; 2940772;

Servicing: Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 20, **Width of holder arm** 27.50, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W



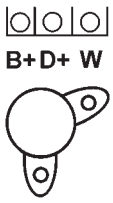


111956 Alternator

Replacing: a3t09199; -699; me200696; -8; 20130169; a3t09698; ME202971; me201838; a3tb1299; lra0469; a3t08699

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.00, **Rotation** CR





112021 Alternator

Replacing: 54022459; -98; 63321321; -58; 63340004; 63341321; -58; yle10075; -113; 11.203.205; aak5396; amr5425;

Servicing: Land Rover

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 83.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 31.00, **Rotation** CR, **Terminal** W




112058 Alternator

Replacing: 9621791680; 9627727180; 9642880280; 2541969; 2542483; a11vi91; sg7s014; 20110438; 57052a; SG7S024; 2

Servicing: Peugeot; Citroen; Fiat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 21.80, **Mount. bracket dist.** 46.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.25, **Rotation** CR

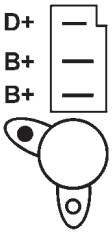



112097 Alternator

Replacing: 0120488252; -3; 0120489410; -2; -612; -638; -639; -792; -793; -794; -795; -796; 2998230; 19025044; -

Servicing: Iveco; Allis Chalmers; Astra; Fahr; Laverda

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W



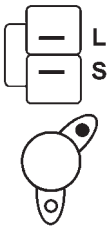


112112 Alternator

Replacing: 11.201.332; -832; aak3301; 510-810; -1; -2; -3; -22; -23; -24; -25; -26; -42; -59; 9ar2723p; -4p; -3

Servicing: Yanmar; Perkins; Sabre

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR/ACR, **Terminal** W





112128 Alternator

Replacing: a2tn1199; a2tn1199at; -zt; a3t15099; md306834; md327514; md366051; 54021851; a3tn0399; -499; md31394

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.10, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR





112151 Alternator

Replacing: 1032652; 93bb10300fd; -e; -f; -g; 97bb10300bb; -C; LEA0173

Servicing: Ford

V. 12, **Amp.** 95, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 57.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR, **Terminal** W





112199 Alternator

Replacing: 7700101279; 7700422237; 7700432331; 2541980; 2542342; a11vi94; sg7s010; 8253502; sg7s013; -71; LEA04

Servicing: Renault; Nissan; Dacia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 80.00, **Mount. bracket dist.** 40.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 21.00, **Rotation** CR




112230 Alternator

Replacing: 2541461; -740; a13vi49; -87; 11.201.769; aak5136; lea0217

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.20, **Mount. bracket dist.** 69.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




112238 Alternator

Replacing: 24161; -228; -240; -241; -242; -297; -380; 54022058; -140; -179; -189; -256; -393; -510; -552; -591;

Servicing: Austin; Land Rover; Ldv International; Daf

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.50, **Mount. bracket dist.** 81.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.00, **Rotation** CR, **Terminal** W



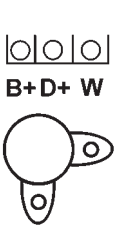

112260 Alternator

Replacing: 3t7070; 9l5938; 9l6463; 213298; -9; 3603851rx; 1100072; -3; -80; -81; -84; -86; -87; -89; -90; -185;

Servicing: Volvo; International; Chevrolet; Case; Allis Chalmers; Cummins

V. 12, **Amp.** 80, **B+ / position** M5, **B+ position in min** 58, **Width of holder arm** 12.60, **Mount. bracket dist.** 103.45, **Fan** w/o, **Pulley** w/o

Replacing: 27 SI. Neg. ground.



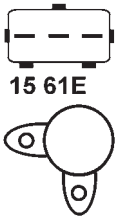


112324 Alternator

Replacing: 63320347; 63321434; 63341434; 54022468; 63320317; 633214434; 63321466

Servicing: Rover

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 17, **Width of holder arm** 14.20, **Mount. bracket dist.** 69.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W



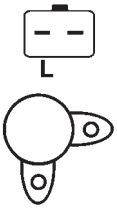


112468 Alternator

Replacing: 12312248296; 12317788247; 2542264; a14vi29; -53; 2542686; -62; A14VI52; 24451624; 2542826; SG15S030;

Servicing: BMW; Opel; Vauxhall

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 27.80, **Mount. bracket dist.** 75.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 60.70, **Rotation** ACR





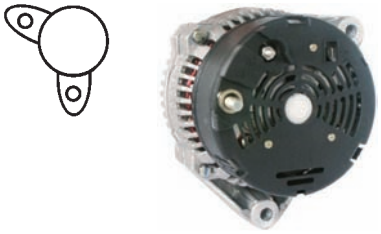
112471 Alternator

Replacing: 4403540; 9111540; 7700426849; 2542272; sg12b017; 8253785; 8602279; 2542393; SG12B071; -96; -110; 254

Servicing: Renault; Opel; Volvo; Vauxhall; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 60.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 32.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

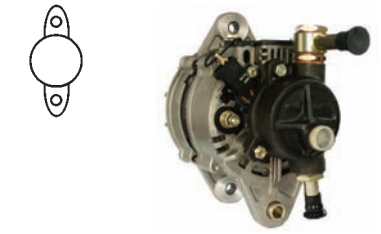


112529 Alternator

Replacing: 0123320045; -61; 0123335003; 0091543002; 0091545802; 0101544702; 0101545402; 0111540402; 2541775; -9

Servicing: Mercedes-Benz; Ssangyong; John Deere

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W

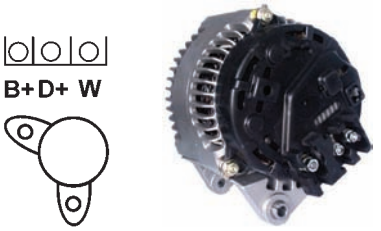


112650 Alternator

Replacing: 26021117

Servicing: Tata

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 14.75, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** W

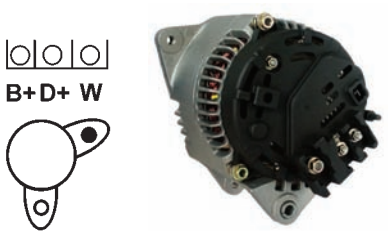


112698 Alternator

Replacing: 7312901; 95gb10300la; -b; -ma; r95gb10300ma; 54022549; 63321324; -43; -44; -422; 63341343; -4

Servicing: Ford

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 28, **Width of holder arm** 14.10, **Mount. bracket dist.** 83.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W

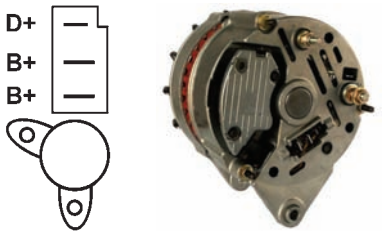


112718 Alternator

Replacing: 54022527; 63321285; -346; 11.203.042; aak5326; 8210242; 20130116; 54022443

Servicing: Ford; New Holland

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.00, **Mount. bracket dist.** 83.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 32.00, **Rotation** CR, **Terminal** W

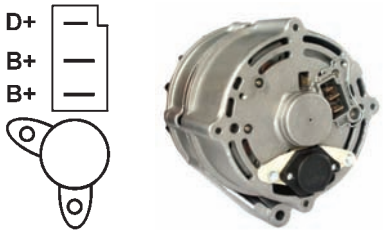


112722 Alternator

Replacing: 24322; 54022437; -529; -530; -532; -560; -561; -580; 3701910m91; 3701911m91; 3701913m91; 3714944m1;

Servicing: Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 10.50, **Mount. bracket dist.** 83.50, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

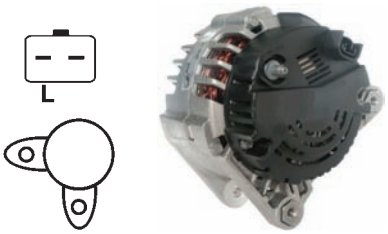


112745 Alternator

Replacing: 0120489479; -80; 61920210

Servicing: Alfa Romeo; Lombardini

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR

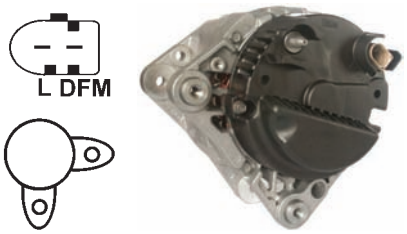


113245 Alternator

Replacing: sg12b030; 2542722; SG12B072; -68; -97; -107; -122; lea0457; 23100-00QAP; 2543338; 2542640; 820020625

Servicing: Renault; Opel; Vauxhall; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.90, **Mount. bracket dist.** 60.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR

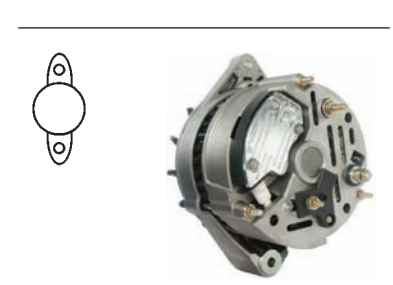


113253 Alternator

Replacing: 2542578; sg9b048; 03d903025e; -J; 2542746; lea0459; SG8B023; -6; 2542577; -747; 03d903025d; -H; 1138

Servicing: VW; Seat; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 13.85, **Mount. bracket dist.** 60.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.40, **Rotation** CR

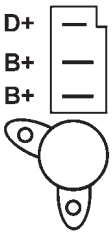


113376 Alternator

Replacing: 0120400614; 0120488158; 0120489118; -9; -635; -636; 0120400833; -4; 0120489585; -6; -625; -626; -768

Servicing: Opel; Vauxhall; Lancia; Bedford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 56.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.60, **Rotation** CR, **Terminal** W





113378 Alternator

Replacing: 23697; -814; -845; -846; -993; 24072; -211; 23739; -40; -807; -830; 24079; 24079a; LEA0012; 24211a

Servicing: Land Rover; Austin; Ford

V. 12, **Amp.** 45, **B+ / position** Plug, **B+ position in min** 23, **Width of holder arm** 9.10, **Mount. bracket dist.** 87.80, **Fan** w/o, **Pulley** w/o, **Terminal** S



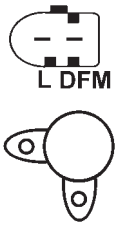


113405 Alternator

Replacing: a11vi99; a11vi106; 63321733; 2542285; a5ta6291; a5ta6291a; -B; SG7S015; A1TA3391A; A1TA3391; A1TA339

Servicing: Peugeot; Citroen

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 21.70, **Mount. bracket dist.** 45.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.





113407 Alternator

Replacing: 12317788222; a14vi46; -34; -5; -7; 2542538; -605; -852; lea0455

Servicing: BMW

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 27.90, **Mount. bracket dist.** 75.10, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 61.00, **Rotation** CR

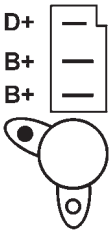



113438 Alternator

Replacing: 2541455; -75; a13vi51; -88; lea0216; 96076412; 96122561; -643; -648; 5705t6

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.20, **Mount. bracket dist.** 69.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR





113474 Alternator

Replacing: 11.201.913; 3536264m91; aak3320; 11.201.396; aak1324; 23833; -62; -902; -937; -938; -943; -996; 2401

Servicing: Austin; Rover; Landini; Massey Ferguson

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 47, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.55, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.90, **Rotation** CR, **Terminal** W





113529 Alternator

Replacing: 11.201.087; 63321753; -347; 11.203.087; aak5354; 11.203.088; aak5355; 82010243; 82014508; 63321345;

Servicing: Ford; New Holland

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.10, **Mount. bracket dist.** 83.30, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 32.00, **Rotation** CR, **Terminal** W

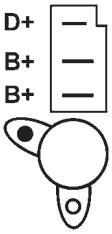



113543 Alternator

Replacing: 9515241; 9516241; re506196; 443113515241; RE501634; LRA02116; 443113516241

Servicing: John Deere

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 77.40, **Rotation** CR, **Terminal** W





113574 Alternator

Replacing: 23680; 9ar2919p; 24049; 3477851R91; 3538541M91; na066; 11.201.276; aak4118; 0120489958; -9; 81db1030

Servicing: Case; New Holland; Valmet

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 10.40, **Mount. bracket dist.** 90.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.85, **Rotation** CR, **Terminal** W





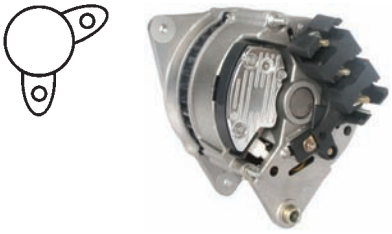
113622 Alternator

Replacing: 24288; 54022692; 24224; 54022377; LEA114; LEA0114

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 10.82, **Mount. bracket dist.** 83.25, **Fan** w/o, **Pulley** w/o, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

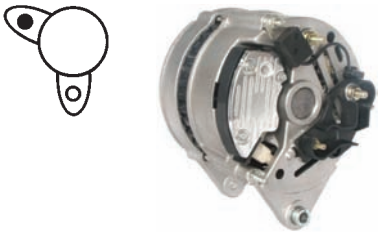


113623 Alternator

Replacing: 63324295; 24295a; 54022626; 24414; -5; 63324385; F2NN10B376CA; 24384; 54022525; 63324384; f0nn10b376

Servicing: Honda; Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.60, **Fan** w/o, **Pulley** w/o, **Terminal** W

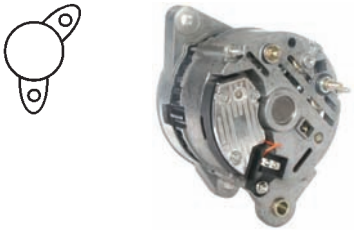


113624 Alternator

Replacing: 0120488129; 54022187; 1012257; 54022665; -93; 24404; 54022574

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.75, **Mount. bracket dist.** 82.95, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W

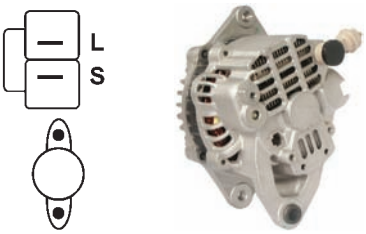


113625 Alternator

Replacing: 24311; 63324311

Servicing: ; Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 23.75, **Mount. bracket dist.** 73.40, **Fan** w/o, **Pulley** w/o, **Terminal** S

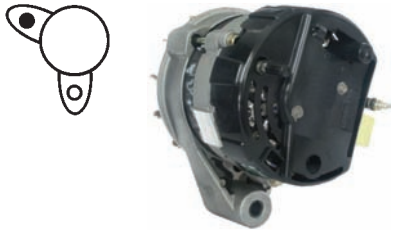


113656 Alternator

Replacing: ab180140; 4860; OK30D18300; lea0405

Servicing: Kia

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR



113683 Alternator

Replacing: 26021276; 26921168A; 004001C01; 40001C01; 26021278; 26921168

Servicing: Mahindra

V. 12, **Amp.** 36, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 90.60, **Rotation** CR

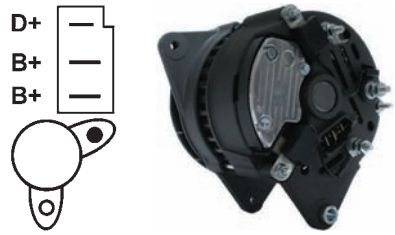


113713 Alternator

Replacing: 47020054; -6; -8; -62; -63; -69; lea438; 66021588; LEA0438

Servicing: Lister

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.20, **Mount. bracket dist.** 83.00, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 45.50, **Rotation** CR, **Terminal** W

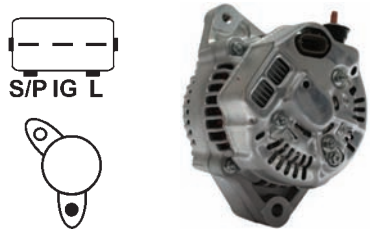


113714 Alternator

Replacing: 47020060; lea0440; 66021594

Servicing: Sabre

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.20, **Mount. bracket dist.** 83.00, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 45.50, **Rotation** CR, **Terminal** W

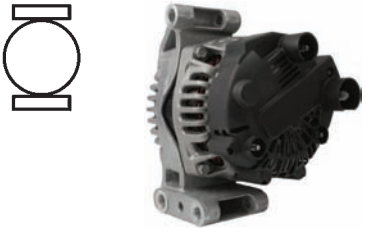


113715 Alternator

Replacing: lea0248; 100211-9940; 27060-73020; 119773-77200; 101211-9940

Servicing: Yanmar

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 57.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W



113720 Alternator

Replacing: TG8S012; -3; 2542841; 13117278; 2542850; 6204180; 51718499; 31400-85E00; 2542883; TG8S016; lea0475

Servicing: Fiat; Opel; Suzuki; Vauxhall; Lancia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 64.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 41.50, **Rotation** CR




113722 Alternator

Replacing: TG9S015; 13117279; 2542670; -851; -861; -884; TG9S010; -21; -22; 46823547; 55185076; 6204181; 31400-

Servicing: Fiat; Lancia; Opel; Suzuki; Vauxhall

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 14, **Width of holder arm** 64.15, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 40.20, **Rotation** CR



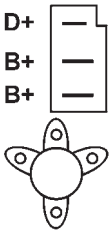
113763 Alternator

Replacing: 2871A303; -168; 714-40152; 2871A301; 63377462; 2871a302; 63377460; 225-3141; 102211-8160; 24479; 102

Servicing: ; Land Rover; Jcb

V. 12, **Amp.** 85

Miscellaneous





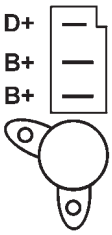
110577 Alternator

Replacing: nab903; 66021134

Servicing: Various

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 80.10, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 115.20, **Rotation** CR, **Terminal** W

W/ Mounting Bracket for left and right side of engine



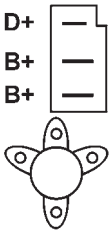


110975 Alternator

Replacing: 0120300563; -4; -84; 0120400670; 0120489058; -551; -569; -789; -975; 54021649; 60021026; -63; -67; -

Servicing: VW; Audi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.85, **Rotation** CR, **Terminal** W





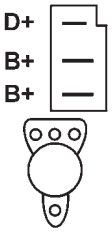
110976 Alternator

Replacing: nab902; -4; 66021153; 111203

Servicing: Various

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 85.00, **Rotation** CR, **Terminal** W

W/ Mounting Bracket for left and right side of engine



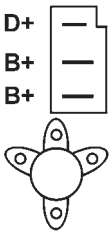


110977 Alternator

Replacing: nab901; -501; 66021168; -74

Servicing: Universal

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 11.00, **Mount. bracket dist.** 84.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.80, **Rotation** CR, **Terminal** W





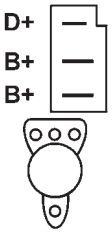
111204 Alternator

Replacing: 23986; -91; -99; 24014; -6; -7; -166; nab905; 23986a; 110978; 66021169

Servicing: Case; Jaguar

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 19, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 54.15, **Rotation** CR

W/ Mounting Bracket for left and right side of engine



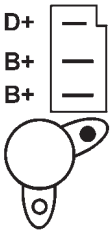


112237 Alternator

Replacing: nab900m; 66021126m; lea0441

Servicing: Various

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 10.90, **Mount. bracket dist.** 84.00, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR/ACR, **Terminal** W





110607 Alternator

Replacing: 5026721; 884f10k359ab; 894f10300ba; 894fx10300ba; r89fx10300ba; u88vg10k359aa; 24188; -230; -264; 54

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 11.30, **Mount. bracket dist.** 83.00, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.70, **Rotation** CR

111754 W/vacuum pump

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




110611 Alternator

Replacing: 19025037; a124n; alb40-68; -86; 4152101; 4174626; 4329019; 4474903; -4; 4475303; 77138410; 63303100;

Servicing: Fiat; Seat; Allis Chalmers

V. 12, **Amp.** 44, **B+ / position** M6,
B+ position in min 58,
Width of holder arm 17.00,
Mount. bracket dist. 61.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 46.00, **Rotation** CR
Regulator: Cargo 130613




110612 Alternator

Replacing: 0120489127; -738; -739; 19025066; -761; -786; 201003020.0; a115-03; -43; a125-02; a125-45b; als12n-2

Servicing: Fiat; Lancia; Zastava; Bertone

V. 12, **Amp.** 43, **B+ / position** M6,
B+ position in min 55,
Width of holder arm 23.15,
Mount. bracket dist. 73.90, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 52.45, **Rotation** CR

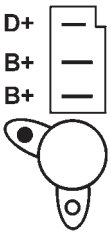



110619 Alternator

Replacing: 0120335007; 95667742; 9605062980; 63321641; -770; 9628925380; 2541298; 2541298a; 2541719; -63; a11vi

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M8,
B+ position in min 10,
Width of holder arm 57.10, **Fan** IF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 94.90, **Rotation** CR



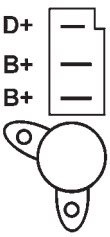


110770 Alternator

Replacing: 86vb10300aa; 873f10300ba; 24157; 24157d; -f; 24208; -76; 54022057; -108; -109; -117; -118; -143; -16

Servicing: Austin; Rover; Mg; Ldv International; Massey Ferguson; Vauxhall; Ford

V. 12, **Amp.** 55, **B+ / position** M6,
B+ position in min 10,
Width of holder arm 11.20,
Mount. bracket dist. 82.00, **Fan** w/o,
Pulley w/o, **Rotation** CR





110880 Alternator

Replacing: 0120489043; -719; -720; -797; -798; -911; -912; 11.201.215; aak1165; 63305700; -20; 514002

Servicing: Alfa Romeo

V. 12, **Amp.** 45, **B+ / position** 9.4,
B+ position in min 15,
Width of holder arm 56.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 77.00, **Rotation** CR




110881 Alternator

Replacing: 0120488114; -85; -257; -258; 0120489069; -70; -183; -309; 11.201.512; -226; aak1189; 0120488209; 117

Servicing: Volvo; Fendt; Deutz-fahr; Marshall; Kramer

V. 12, **Amp.** 55, **B+ / position** M6,
B+ position in min 20,
Width of holder arm 55.90, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 88.00, **Rotation** CR,
Terminal W




110882 Alternator

Replacing: 0120489106; -45; -761; -762; -765; 4152612; 46231751; 4711700; 4721587; 4808498; 5101645; 77028550;

Servicing: Fiat; Iveco; Alfa Romeo; Lamborghini; Same

V. 12, **Amp.** 45, **B+ / position** M6,
B+ position in min 10,
Width of holder arm 16.25,
Mount. bracket dist. 63.35, **Fan** w/o,
Pulley w/o, **Rotation** CR




110890 Alternator

Replacing: 0120400943; 0120489107; -34; -46; -47; -763; -770; -838; 19025046; 10910; 46231786; 4721589; -91; -9

Servicing: Alfa Romeo; Iveco; Fiat; Same; Lamborghini

V. 12, **Amp.** 55, **B+ / position** M6,
B+ position in min 60,
Width of holder arm 17.00,
Mount. bracket dist. 65.30, **Fan** w/o,
Pulley w/o, **Rotation** CR

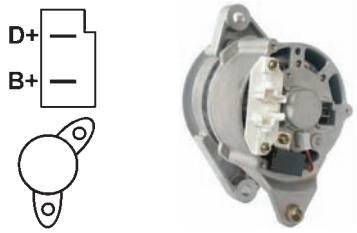



110891 Alternator

Replacing: 0120488286; 0120489346; -7; -408; 1005351; 5026113; 86ab10300na; -b; 86ax10300mb; 0120488211; r86ax1

Servicing: Ford; Land Rover; Mg

V. 12, **Amp.** 70, **B+ / position** M6,
B+ position in min 13,
Width of holder arm 11.30,
Mount. bracket dist. 82.00, **Fan** EF, **Pulley** Pulley, **Rotation** CR, **Terminal** W

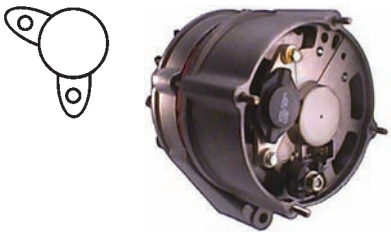


110899 Alternator

Replacing: 0120300528; -9; -58; -59; -68; -69; 4224325; 4257063; -74; -771; 4274815; 4275283; -5; -6; 4325179;

Servicing: Fiat; Volvo; Daf; Agrifull

V. 12, **Amp.** 33, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 24.00, **Mount. bracket dist.** 74.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.45, **Rotation** CR
Regulator: Cargo 130675

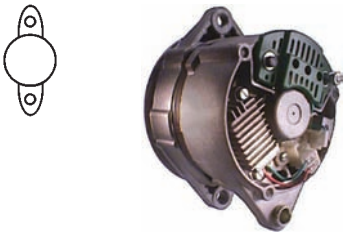


110911 Alternator

Replacing: 0120489653; -4; -7; -9; -735; -759; -760; 63305721; -2; 9ar2588k; -96k; 9ar2780k; 035903015; 0409030

Servicing: Audi; VW; Saab; Peugeot

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.64, **Rotation** CR

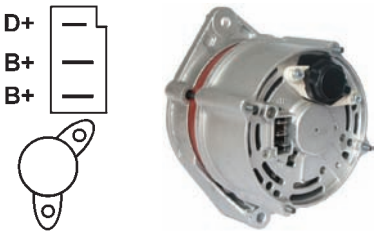


110912 Alternator

Replacing: 0120489020; -135; -170; -541; -542; -641; -642; -742; -743; -752; -753; 9120144201; -2; -38; -39; 19

Servicing: Fiat; Lancia; Seat; Ferrari; Fiat-Allis

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.40, **Mount. bracket dist.** 64.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR

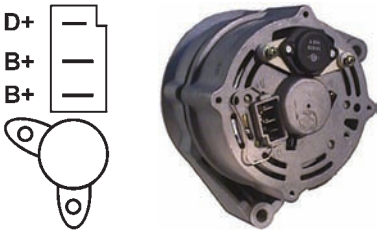


110913 Alternator

Replacing: 0120489016; -7; -77; -81; -262; -712; -773; -774; -868; -869; -870; -871; -872; -873; -980; -981; -9

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 17, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR

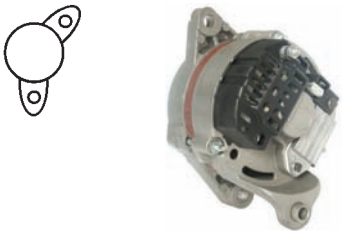


110923 Alternator

Replacing: 0120489232; -3; -4; -300; -301; -302; -323; -324; -331; -332; -333; -354; -355; 19025069; 14960; 006

Servicing: Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR

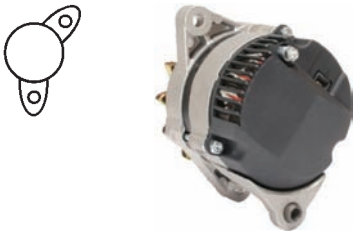


110991 Alternator

Replacing: 19025752; 433118; 46231750; -61; 7547660; 77235410; 63307403; -6; -503; 63320010; -30; 63321013; -5

Servicing: Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 59, **Width of holder arm** 27.00, **Mount. bracket dist.** 69.65, **Fan** w/o, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 58.65, **Rotation** CR

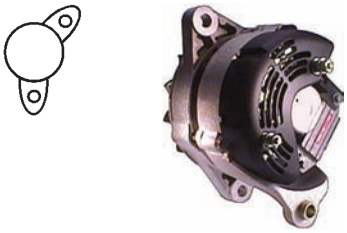


111032 Alternator

Replacing: 19025799; 63320091; 63321160; 7708433; 7719428; 63321159; aak4561

Servicing: Fiat

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 27.10, **Mount. bracket dist.** 69.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 55.85, **Rotation** CR



111035 Alternator

Replacing: 0120489126; -86; -87; -88; 19025051; -787; -789; 4395131; 4434084; 46231684; -7; 5958394; -5; 596759

Servicing: Fiat; Lancia; Zastava; Autobianchi; Innocenti; Case; Audi; VW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 22.00, **Mount. bracket dist.** 74.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.25, **Rotation** CR, **Terminal** W



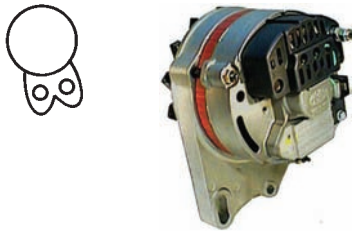
111036 Alternator

Replacing: 19025791; a125-45c; 46231657; -9; -60; 5999868; -9; 77305410; 77347411; 11.201.358; -735; 63320001;

Servicing: Fiat; Lancia; Autobianchi

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 32.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 56.80, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

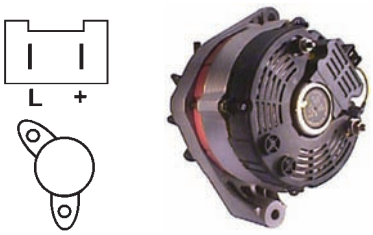


111078 Alternator

Replacing: 9120144228; -9; -40; -41; 516032; alp12n-20; -4; 4451759; 4456152; 4458618; 46231655; 5947366; -76;

Servicing: Fiat; Seat; Lancia; Autobianchi; Zastava

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 21.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 53.25, **Rotation** ACR

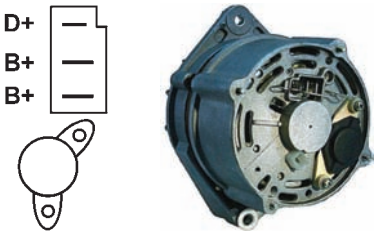


111082 Alternator

Replacing: 9120144277; 516062; -4; 11.201.664; aak4544; 63321083; -114; a13n110; -21; 7700764382; 7700767420; 7

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.88, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 100.95, **Rotation** CR

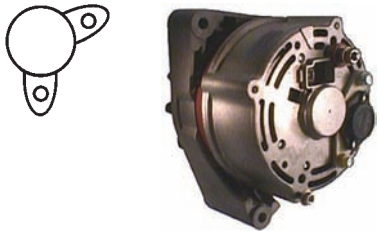


111083 Alternator

Replacing: 0120489260; -1; -559; -560; -746; -747; 11.201.077; aak1102; -18; -44; 9ar2517k; -27k; 9ar5044k; 036

Servicing: Audi; VW; Ford

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 60, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.15, **Rotation** CR

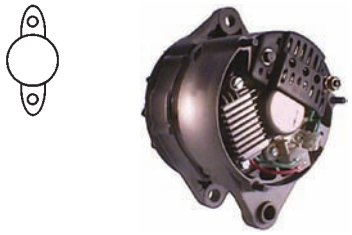


111085 Alternator

Replacing: 0120489065; -6; 11.201.203; -496; aak3573; a13n39; 1308720; 5002051; -898; 943356823; 1219754; 12349

Servicing: Volvo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 71.15, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 91.95, **Rotation** ACR

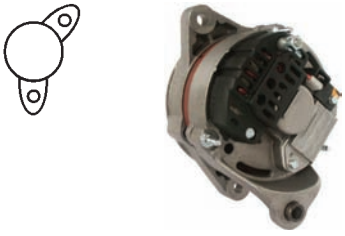


111138 Alternator

Replacing: 0120489132; -3; -672; -673; -740; -741; -920; -921; 9120144208; -9; 19025045; 514014; als12n-55; -6;

Servicing: Fiat; Seat; Lancia

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.35, **Rotation** CR

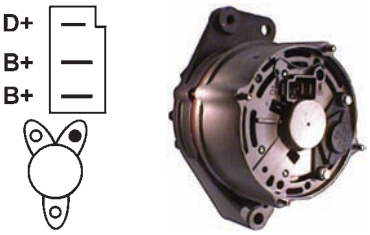


111148 Alternator

Replacing: 0120488140; -235; 0120489128; -9; -263; -348; -400; -942; -943; 283020.1; a125-65b; 4470266; 4623168

Servicing: Fiat; Lancia; Zastava; Autobianchi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 23.00, **Mount. bracket dist.** 75.60, **Fan** w/o, **Grooves in pulley** Single, **Pulley** Serpentine Pulley, **Pulley distance** 52.25, **Rotation** CR

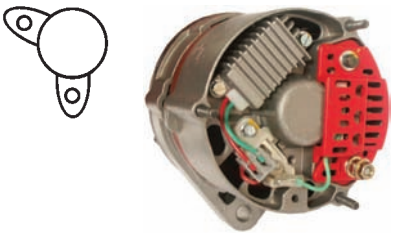


111150 Alternator

Replacing: 0120489200; -5; -8; 510-201; -22; 9ar2970g; -1k; 9ar5083g; 9ar5100g; 2950830; 036903017c; 068903017g

Servicing: Opel; VW

V. 12, **Amp.** 70, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 99.00, **Rotation** CR

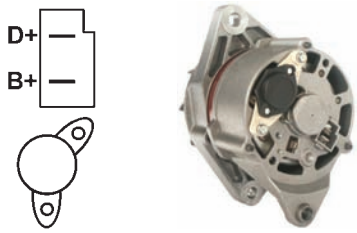


111153 Alternator

Replacing: 0120489549; -50; -903; -904; 63305800; -20; a13n80; a13r192

Servicing: Alfa Romeo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 27.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.00, **Rotation** CR

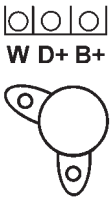


111180 Alternator

Replacing: 0120339515; -6; -27; -28; 19025042; -63; 10590; 4474729; -52; 4475266; -8; 46231680; 4998353; 771454

Servicing: Fiat; Zastava; Lamborghini; Same; Fiat-Allis

V. 12, **Amp.** 33, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 25.00, **Mount. bracket dist.** 74.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR



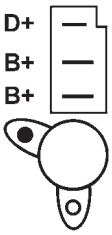


111282 Alternator

Replacing: 24329; 54022453; 63320309; 63321351; 63341351; yle10128; yle101840; 20110163

Servicing: Rover

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 13.75, **Mount. bracket dist.** 70.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.85, **Rotation** CR, **Terminal** W



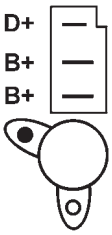


111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W



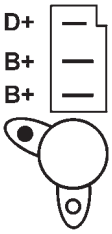


111355 Alternator

Replacing: 0120489293; -384; -385; 24158; -209; -245; -291; -294; -390; 54022579; -428; -639; -642; -647; -656;

Servicing: Austin; Rover; Nissan; Mg; Massey Ferguson; New Holland; Dronningborg; Valmet; Universal

V. 12, **Amp.** 65, **B+ / position** M6-6.3, **B+ position in min** 11, **Width of holder arm** 11.50, **Mount. bracket dist.** 81.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR, **Terminal** W



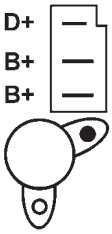


111363 Alternator

Replacing: 24246; -56; 54022292; -310; -481; 24256a; -c; 24327a; 24246a; 24327; 63324327; 54022446; 20100530; 6

Servicing: New Holland; Ford

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 11.00, **Mount. bracket dist.** 83.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.70, **Rotation** CR, **Terminal** W



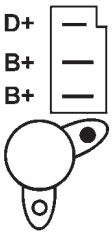


111364 Alternator

Replacing: 0120489251; -2; -92; 6159682; 82bb10300ga; 84ab10300aa; -ma; -mb; 84fb10300aa; 864f10300ea; 86ax1030

Servicing: Ford; Rover

V. 12, **Amp.** 55, **B+ / position** M6-6.3, **B+ position in min** 14, **Width of holder arm** 12.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W





111368 Alternator

Replacing: rv87vg10300ab; rv87vx10300ab; v87vg10300aa; -b; 11.201.729; -811; aak4575; -99; 24223; -31; 54022203

Servicing: Ford

V. 12, **Amp.** 70, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.90, **Rotation** CR, **Terminal** W





111409 Alternator

Replacing: 46765836; 46769369; 60812535; 7782314; 63321241; -6; -349; -800; 111533; 46305329; 46445658; 6081604

Servicing: Alfa Romeo; Lancia; Fiat

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 22.00, **Mount. bracket dist.** 54.35, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR





111411 Alternator

Replacing: 46407647; 46420960; 46800158; 5895028; 63321200; -33; -70; -600; -712; -848; 2541728; a11vi46; 63321

Servicing: Ford; Fiat; Lancia; Citroen; Peugeot

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 32.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 54.80, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




111412 Alternator

Replacing: 46430526; 63321277; -610
Servicing: Fiat
V. 12, **Amp.** 65, **Width of holder arm** 16.85, **Mount. bracket dist.** 54.65, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 58.60, **Rotation** CR




111413 Alternator

Replacing: 46231670; 46412678; 46430527; 63321278; -311; -611; -809
Servicing: Fiat; Lancia
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 16, **Width of holder arm** 17.00, **Mount. bracket dist.** 54.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.90, **Rotation** CR




111416 Alternator

Replacing: 0124215002; 46420965; 46464276; 63320511; 63321282; -04; -51; -75; -362; -367; -615; -616; -661; -82
Servicing: Fiat; Citroen
V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 16.75, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Pulley, **Pulley distance** 49.85, **Rotation** CR




111417 Alternator

Replacing: 0124225016; 46540294; 63321302; -618
Servicing: Fiat
V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 16, **Width of holder arm** 17.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.75, **Rotation** CR




111418 Alternator

Replacing: 0120488284; 0120489336; -7; 19025068; 4799364; 4808500; -2; -7; 11.201.585; aak4530; 63320024; 63321
Servicing: Iveco; Fiat; Alfa Romeo
V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR




111500 Alternator

Replacing: 46430530; 63321245; -315; -412
Servicing: Lancia
V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 22.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR




111505 Alternator

Replacing: 46436507; 63221604; 63321235; -81; -300; -364; -603; -604; 63320258
Servicing: Fiat; Lancia
V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 18, **Width of holder arm** 32.35, **Mount. bracket dist.** 83.55, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 12.25, **Rotation** CR




111568 Alternator

Replacing: 46420966; 7769840; 63321227; -37; -331; -332; -406; -453
Servicing: Fiat; Citroen
V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 14, **Width of holder arm** 22.50, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.50, **Rotation** CR




111582 Alternator

Replacing: 46413021; 63321299; -329; -402; 111583
Servicing: Fiat; Lancia
V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 22.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.50, **Rotation** CR




111620 Alternator

Replacing: 0120488254; 0120489272; -3; -307; -318; -319; -823; -824; 13850; 46231740; 5955557; 5958565; 5960289

Servicing: Alfa Romeo; Fiat; Lancia; Ferrari

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.30, **Mount. bracket dist.** 63.60, **Fan** EF, **Grooves in pulley** 5, **Pulley** Pulley, **Pulley distance** 47.75, **Rotation** CR

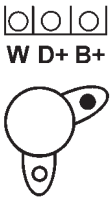



111621 Alternator

Replacing: 19025076; 7565832; 63320034; 63321067; a13e50; 2541399

Servicing: Fiat; Lancia; Autobianchi

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 32.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 57.50, **Rotation** CR





111623 Alternator

Replacing: 1668894; 5027848; 5029902; 894x10300ae; 924x10300ab; 954f10300aa; r924x10300ab; rv94gb10300bb; v94gb

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 11.80, **Mount. bracket dist.** 83.40, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W




111625 Alternator

Replacing: 46428730; 46430531; 46448434; 63321313; -6; -423; -491; -802; 46763532

Servicing: Alfa Romeo; Lancia; Fiat

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 22.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.50, **Rotation** CR




111633 Alternator

Replacing: 63321348; -693; -705; 23100-2f200; -1; -10

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 6, **Width of holder arm** 25.00, **Mount. bracket dist.** 80.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR




111654 Alternator

Replacing: 19025059; -62; 46231762; 7552382; 7701840; 11.201.334; -696; aak4150; -60; -557; 63320013; -7; -20;

Servicing: Fiat; Lancia

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.00, **Mount. bracket dist.** 64.00, **Fan** EF, **Pulley** Serpentine Pulley, **Rotation** CR/ACR




111665 Alternator

Replacing: 0120488162; -3; 0120489125; -949; -952; 119; -219; 3472119; 3493119; -219; 1204076; 0120488174; -5;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 28, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.00, **Rotation** CR




111668 Alternator

Replacing: 0120489072; -3; -130; -350; -445; -450; -485; -874; -875; 7546639; 7575565; 63320045

Servicing: Fiat; Lancia; Bertone

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 57, **Width of holder arm** 23.50, **Mount. bracket dist.** 56.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.00, **Rotation** CR




111686 Alternator

Replacing: 0120489018; -136; -152; -153; -212; -219; 19025060; 4765931; -3; -4; 4787668; -71; 4808506; -10; -17

Servicing: Alfa Romeo; Fiat; Lancia; Lamborghini; Laverda; Iveco

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.00, **Mount. bracket dist.** 71.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.50, **Rotation** CR

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.




111687 Alternator

Replacing: a125-55e; -t; 46231650; 7704356; 11.201.355; aak4174; 63320094; 63321165; 7711092

Servicing: Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 26.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 53.00, **Rotation** CR




111688 Alternator

Replacing: 46428734; 63320277; 63321328

Servicing: Fiat; Lancia

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 25.00, **Mount. bracket dist.** 71.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 59.00, **Rotation** CR




111689 Alternator

Replacing: 46231698; -705; 46407648; 46428733; 46432411; 63321252; -83; -95; -396; -606; -607; -625; 46420962;

Servicing: Fiat; Lancia

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 25.00, **Mount. bracket dist.** 71.70, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 58.00, **Rotation** CR




111723 Alternator

Replacing: 63321671; -771; 9631324980; 9631325080; 2541965; a11vi89

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** w/o, **Rotation** CR

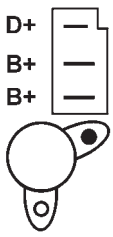



111725 Alternator

Replacing: 46448433; 63321640

Servicing: Fiat; Lancia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 17.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 45.00, **Rotation** CR

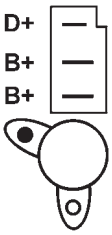



111738 Alternator

Replacing: 54022789; 11.201.576; aak4521; 24290; 54022254; -379; -390; yle10019; -35; -72; 11.201.577; aak4522;

Servicing: Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W




111739 Alternator

Replacing: f0nn10b376ab; 24273; 54022336; 63324273; 24273a; 66021605; LEA0120

Servicing: New Holland; Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.40, **Mount. bracket dist.** 82.30, **Fan** EF, **Pulley** w/o, **Rotation** CR

w/ Battery Sensor Terminal



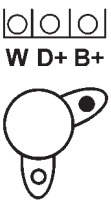

111740 Alternator

Replacing: 11.201.503; -4; 24186; -250; -274; 54022337; AAK1344; 24274a; e7nn10b376aa; -b; -ba; -bb; AAK1343; 2

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.30, **Mount. bracket dist.** 82.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W

w/ Battery Sensor Terminal

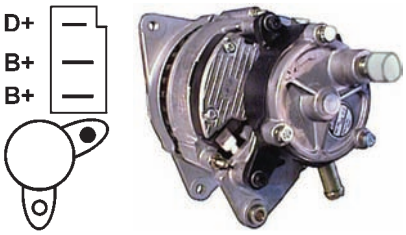



111742 Alternator

Replacing: 5027810; -48; 924f10300ab; 924f10k359ab; 924fx10k359aa; 924x10300ab; r954f10300aa; 24293; -374; 5402

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 12.30, **Mount. bracket dist.** 82.60, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.75, **Rotation** CR, **Terminal** W

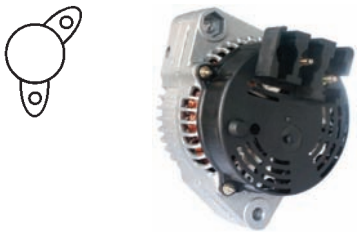


111754 Alternator

Replacing: 5026721; 864f10300fd; -e; 864f10k359fc; -d; r89fx10300aa; 24188; -230; -264; 54022301; -51; -73; -74

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 13, **Width of holder arm** 12.25, **Mount. bracket dist.** 82.70, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.65, **Rotation** CR

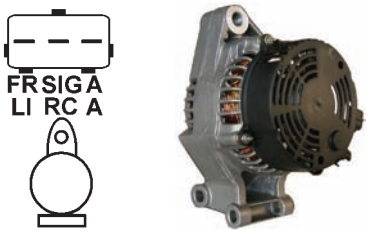


111756 Alternator

Replacing: 63321238; 63341238; yle101520; 63320218; 20110221; 63321342; gnu2478

Servicing: Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 57.90, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

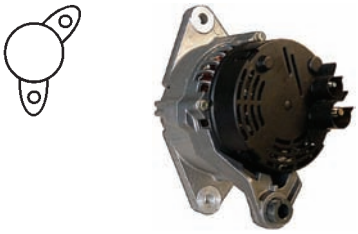


111795 Alternator

Replacing: 1090085; 1097305; 98ab10300gc; -d; -e; -f; -g; -j; 63321679; 63341679; 63321279; -697; 63341797; 98A

Servicing: Ford

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 72.00, **Mount. bracket dist.** 53.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 12.50, **Rotation** CR



111802 Alternator

Replacing: 46430110; 63321205; -76; -361; -617

Servicing: Fiat

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 17.00, **Mount. bracket dist.** 81.80, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 40.50, **Rotation** CR

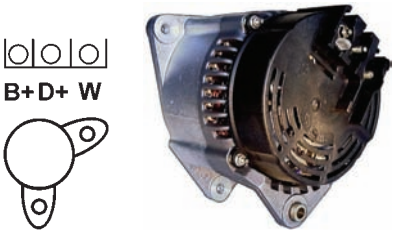


111803 Alternator

Replacing: 63321170; a13n269; 7700820794; 7700859724; 7701352209; 2541695; 8111569; s114-806a

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 28.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.50, **Rotation** CR

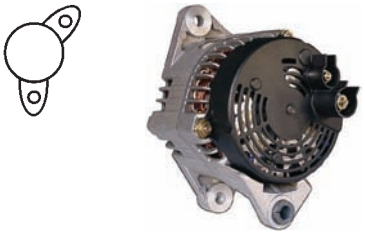


112021 Alternator

Replacing: 54022459; -98; 63321321; -58; 63340004; 63341321; -58; yle10075; -113; 11.203.205; aak5396; amr5425;

Servicing: Land Rover

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 83.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 31.00, **Rotation** CR, **Terminal** W

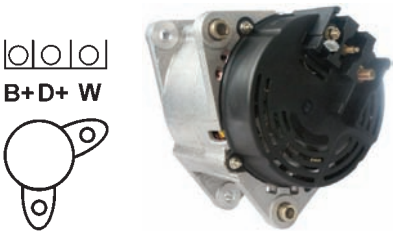


112022 Alternator

Replacing: 46430112; 46434931; 63320305; 63321229; -391; -405

Servicing: Fiat

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 22.50, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR



112025 Alternator

Replacing: 63320289; -315; 63321243; 63341243; -353; yle10124; 63321240

Servicing: Land Rover

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 70.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 31.00, **Rotation** CR, **Terminal** W



112078 Alternator

Replacing: 0124515017; -8; 8111001; 8602277; 9442841; 9459038; 63304078

Servicing: Volvo; Citroen

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 30, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 44.50, **Rotation** ACR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.






112079 Alternator

Replacing: 0124325001; -12; 98VW10300ca; 038903023l; 98vn10300ca; 9517413; 1100711; 9517483; 11.203.312; aak554

Servicing: VW; Ford; Audi; Seat; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.90, **Fan** IF, **Pulley** w/o, **Rotation** CR




112087 Alternator

Replacing: 9120144605; -6; -10; -11; -15; -16; 9120334627; -8; -36; 23100-d9701; -4; -11; -12; 63304807; 201301

Servicing: Nissan

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR




112095 Alternator

Replacing: 63321426

Servicing: Fiat

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 17.30, **Mount. bracket dist.** 54.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** ACR




112097 Alternator

Replacing: 0120488252; -3; 0120489410; -2; -612; -638; -639; -792; -793; -794; -795; -796; 2998230; 19025044; -

Servicing: Iveco; Allis Chalmers; Astra; Fahr; Laverda

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W






112121 Alternator

Replacing: 1066407; 1071383; 96ff10300dc; 97ab10300aa; -b; -c; -d; -e; 63321244; -669; -691; -724; -730; 633217

Servicing: Ford; Mazda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 14.40, **Mount. bracket dist.** 55.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W





112142 Alternator

Replacing: 1079312; 98ab10300ja; -b; 63321746; -823; 63341746; 63377404; 1M5T10300BA; 98AB10300JC; -HE; -D; -F;

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 63.20, **Fan** IF, **Pulley** w/o, **Rotation** CR






112143 Alternator

Replacing: 1097304; 98ab10300dc; -d; -e; -f; 63321678; 63341678; 98AB10300DB; -G; -H; -J; 9124476603

Servicing: Ford; Lister

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.80, **Mount. bracket dist.** 62.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR




112202 Alternator

Replacing: 63321239; 63341239; yle101530

Servicing: Rover; Mg

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 57.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR, **Terminal** W




112203 Alternator

Replacing: 63321636; -727; 63341636; -727; yle101790

Servicing: Austin; Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 31, **Width of holder arm** 14.10, **Mount. bracket dist.** 82.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W

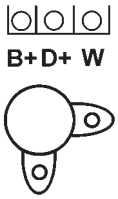



112238 Alternator

Replacing: 24161; -228; -240; -241; -242; -297; -380; 54022058; -140; -179; -189; -256; -393; -510; -552; -591;

Servicing: Austin; Land Rover; Ldv International; Daf

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.50, **Mount. bracket dist.** 81.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.00, **Rotation** CR, **Terminal** W





112324 Alternator

Replacing: 63320347; 63321434; 63341434; 54022468; 63320317; 633214434; 63321466

Servicing: Rover

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 17, **Width of holder arm** 14.20, **Mount. bracket dist.** 69.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W



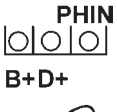


112325 Alternator

Replacing: 1053656; 1074633; 91ff10300ja; -b; 95ff10300aa; -b; -c; r95ff10300ac; a2t14592; a2ta2292; 63321257;

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 14.20, **Mount. bracket dist.** 82.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W





112384 Alternator

Replacing: 1601540201; 63321658; -702; -896; 63341658; A1601540101; -201; 63341702; A1601540301; -401; -501; -6

Servicing: Smart (mcc)

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 57.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR




112385 Alternator

Replacing: 63321620

Servicing: Fiat; Citroen

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 16, **Width of holder arm** 16.75, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 40.50, **Rotation** CR

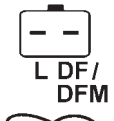



112540 Alternator

Replacing: 7762899; 63321231; -395

Servicing: Alfa Romeo; Fiat; Lancia

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 6, **Width of holder arm** 17.00, **Mount. bracket dist.** 63.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 55.30, **Rotation** CR



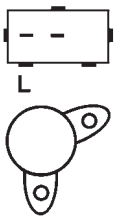


112648 Alternator

Replacing: 63321741; 2542305; -98; a11vi102; -8

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 75.00, **Rotation** CR



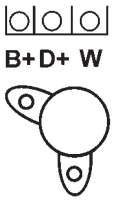


112654 Alternator

Replacing: 1122105; ys6110300bf; 63321711; 63341711; ia9027; 11.209.429; aak5597

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 17.25, **Mount. bracket dist.** 62.60, **Fan** IF, **Pulley** w/o, **Rotation** CR





112698 Alternator

Replacing: 7312901; 95gb10300la; -b; -ma; r95gb10300ma; 54022549; 63321324; -43; -44; -422; 63341343; -4

Servicing: Ford

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 28, **Width of holder arm** 14.10, **Mount. bracket dist.** 83.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





112718 Alternator

Replacing: 54022527; 63321285; -346; 11.203.042; aak5326; 8210242; 20130116; 54022443

Servicing: Ford; New Holland

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.00, **Mount. bracket dist.** 83.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 32.00, **Rotation** CR, **Terminal** W

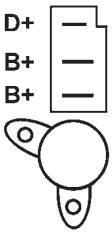



112719 Alternator

Replacing: 13470; 7552284; 63320003; -7; -8; -31; -53; -125; 63321011; -28; -103; -409

Servicing: Fiat; Lancia

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.20, **Mount. bracket dist.** 63.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR



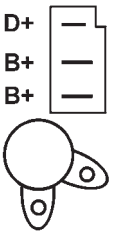


112722 Alternator

Replacing: 24322; 54022437; -529; -530; -532; -560; -561; -580; 3701910m91; 3701911m91; 3701913m91; 3714944m1;

Servicing: Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 10.50, **Mount. bracket dist.** 83.50, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W



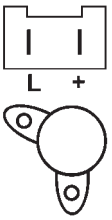


112727 Alternator

Replacing: 9120144279; -80; 63321059; a13e19; 2518017; 2541187; -254

Servicing: Seat

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 39.70, **Mount. bracket dist.** 40.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.00, **Rotation** CR



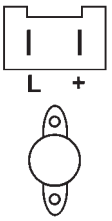


112728 Alternator

Replacing: 9120144267; -8; -78; 516058; 63321057; -81; -178; a13n104; 7700762458; 2541465

Servicing: Renault

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 91.00, **Rotation** CR



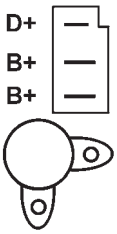


112744 Alternator

Replacing: 9120144295; -6; 516038; a13n120; a13n89; 7700721797; -977; 7700729300; 7700730363; 7700751337; 77014

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.00, **Rotation** CR





112761 Alternator

Replacing: 9120144287; -8; 63321105

Servicing: Seat

V. 12, **Amp.** 65, **Width of holder arm** 41.00, **Mount. bracket dist.** 41.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.00, **Rotation** CR

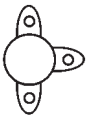



112768 Alternator

Replacing: 0120488194; -5; 11.201.304; aak4138; -518; 63320037; 0120489019; -402; -457; 11.201.071; 30680316; 6

Servicing: Alfa Romeo; Goldoni

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W




113335 Alternator

Replacing: 63321713; -605

Servicing: Fiat

V. 12, **Amp.** 60, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 31.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 60.50, **Rotation** CR




113336 Alternator

Replacing: 46765838; 63321497; -14; -501; -507; -804; -805; -859; 112386

Servicing: Lancia; Fiat; Alfa Romeo

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 22.60, **Mount. bracket dist.** 54.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 44.00, **Rotation** CR




113338 Alternator

Replacing: 63321833

Servicing: Fiat

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 17.10, **Mount. bracket dist.** 54.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 44.00, **Rotation** CR



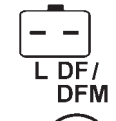


113404 Alternator

Replacing: a13vi246; -79; 2542307; a13vi256; 2542344; 113258; 9637075380; 2542525; 9641727480; a13vi288; 254239

Servicing: Peugeot; Citroen

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 56.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 75.00, **Rotation** CR






113405 Alternator

Replacing: a11vi99; a11vi106; 63321733; 2542285; a5ta6291; a5ta6291a; -B; SG7S015; A1TA3391A; A1TA3391; A1TA339

Servicing: Peugeot; Citroen

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 21.70, **Mount. bracket dist.** 45.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.




113471 Alternator

Replacing: 46231658; 7636428; -31; 77347410; 63320040; 63321173; 11.201.695; aak4556

Servicing: Fiat; Lancia

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 32.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 54.40, **Rotation** CR, **Terminal** W




113472 Alternator

Replacing: 46231691; 7651070; 63320048; 7702245; 77603411; 63320082; 63321149; -51; 943321149; 11.201.697; aak4

Servicing: Fiat; Lancia; Innocenti

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 24.90, **Mount. bracket dist.** 77.45, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 49.00, **Rotation** CR, **Terminal** W

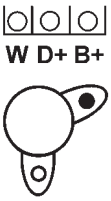



113473 Alternator

Replacing: 63320047; -73; 7702242; 11.201.698; aak4559; 46231690; -721; 7647441; 7648126; 7650210; 7651050; -1;

Servicing: Fiat; Lancia; Innocenti

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 24.50, **Mount. bracket dist.** 77.85, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 49.20, **Rotation** CR, **Terminal** W





113529 Alternator

Replacing: 11.201.087; 63321753; -347; 11.203.087; aak5354; 11.203.088; aak5355; 82010243; 82014508; 63321345;

Servicing: Ford; New Holland

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.10, **Mount. bracket dist.** 83.30, **Fan** IF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 32.00, **Rotation** CR, **Terminal** W



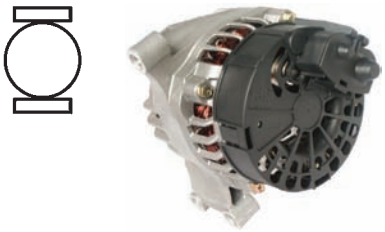

113533 Alternator

Replacing: aak4569; 11.201.711; 63320111

Servicing: Fiat; Lancia; Lombardini

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 31.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.00, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

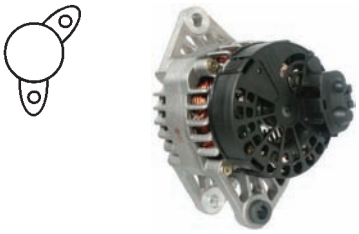


113535 Alternator

Replacing: 63321775; 46748357; 63377013; 102211-8450; -70

Servicing: Fiat; Lancia

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 24.20, **Mount. bracket dist.** 51.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 16.30, **Rotation** CR

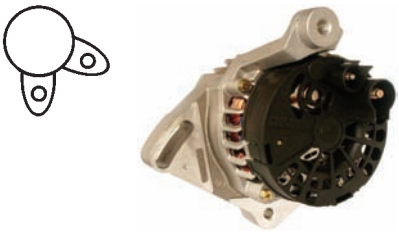


113536 Alternator

Replacing: 63321819; -287; -330; -36; 0124325060; 63321729; -612

Servicing: Alfa Romeo

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 16.90, **Mount. bracket dist.** 54.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.50, **Rotation** CR

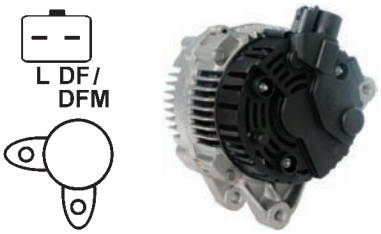


113537 Alternator

Replacing: 46430524; 63321234; -80; -602; 46559015; 63321747; -663; 46519138

Servicing: Fiat; Lancia; Peugeot

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 32.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 62.25, **Rotation** CR

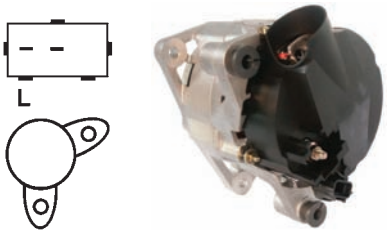


113575 Alternator

Replacing: a13vi236; 2542286; 11.203.709; AAK5740; 9633782680; 2542396; a5ta6391a; 9638275980; A5TA6391C; 96382

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR

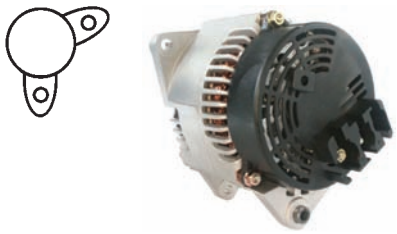


113599 Alternator

Replacing: 63321758; 63341758; YS6110300CA; ys1610300cc

Servicing: Ford

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 38, **Width of holder arm** 16.70, **Mount. bracket dist.** 53.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.20, **Rotation** CR

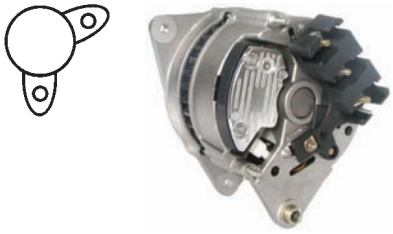


113621 Alternator

Replacing: 63321743; -817; 1c1t10300bb

Servicing: Ford; New Holland

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.10, **Mount. bracket dist.** 83.35, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.55, **Rotation** CR

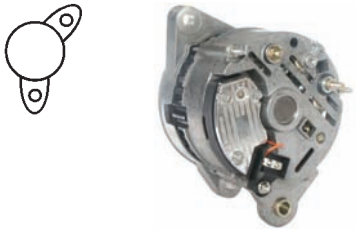


113623 Alternator

Replacing: 63324295; 24295a; 54022626; 24414; -5; 63324385; F2NN10B376CA; 24384; 54022525; 63324384; f0nn10b376

Servicing: Honda; Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.60, **Fan** w/o, **Pulley** w/o, **Terminal** W

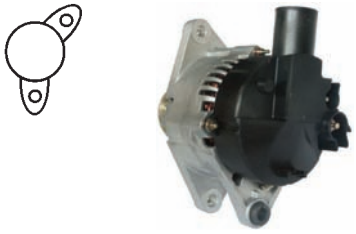


113625 Alternator

Replacing: 24311; 63324311

Servicing: ; Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 23.75, **Mount. bracket dist.** 73.40, **Fan** w/o, **Pulley** w/o, **Terminal** S

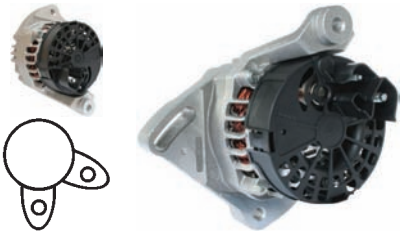


113667 Alternator

Replacing: 46231722; 46412679; 63321312; -613; 46428729; 63320510; aak5721; ia9030; 11.209.433; 46430528

Servicing: Fiat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 17.00, **Mount. bracket dist.** 55.25, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR



113684 Alternator

Replacing: 63321626; -7; -788; -790; -863; 46435106

Servicing: Fiat; Lancia; VW; Freightliner

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 32.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 68.00, **Rotation** CR



113718 Alternator

Replacing: 63321718; 63377002; 46542889; 51709133; 46843091; 51714794; 102211-8230; -430; -440

Servicing: Lancia; Fiat; Citroen

V. 12, **Amp.** 70, **B+ / position** M8, **Width of holder arm** 23.50, **Mount. bracket dist.** 50.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 18.00, **Rotation** CR

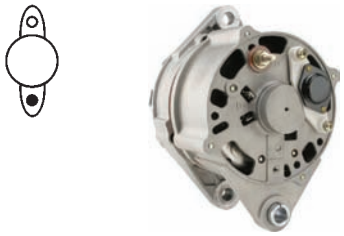


113763 Alternator

Replacing: 2871A303; -168; 714-40152; 2871A301; 63377462; 2871a302; 63377460; 225-3141; 102211-8160; 24479; 102

Servicing: ; Land Rover; Jcb

V. 12, **Amp.** 85



113838 Alternator

Replacing: 0120489334; -5; -6; -7; 63320022; 63321039

Servicing: Iveco; Mazda; Alfa Romeo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.20, **Mount. bracket dist.** 69.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR
Pulley width. 9.5 mm.

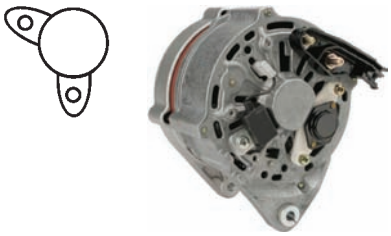


113849 Alternator

Replacing: 104210-3522; -11; -12; 1229258; 1255712; 1477737; 30667067; 3m5t10300pb; -C; -d; 8666579; 63377416;

Servicing: Ford; Mazda; Volvo; VW

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 21.00, **Mount. bracket dist.** 45.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 42.50, **Rotation** CR



113864 Alternator

Replacing: 0120469913; -4; -8; -9; na473; a13vi61; 2541620; 12311727576; 12311721921; 943356504; mar941

Servicing: BMW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 16.00, **Mount. bracket dist.** 79.85, **Fan** w/o, **Pulley** w/o, **Rotation** CR



113872 Alternator

Replacing: a5ta6392; 9649611780; SG8B022; SG9B064; -7; 2542428; 9638543680; a13vi282; 2542923; 9656956280; tg9b

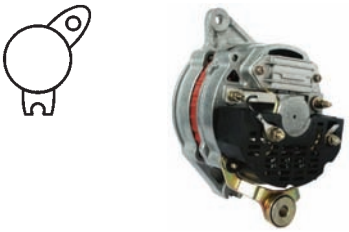
Servicing: Peugeot; Citroen

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 19, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.

113904 Alternator

Replacing: 102211-8660; -1; 63377491; 63321940; 13153236; 6204189; 93180104; R1530099; 13117236

V. 12, **Amp.** 140, **Fan** IF, **Grooves in pulley** 6, **Pulley** Free-wheeling



110163 Alternator

Replacing: 11.201.789; aak4591; 443113516866; 510-388; 9ar3806g; 9ar3961; a13n140; a13n140t; a13n229t; a13n22t;

Servicing: Renault V.i.

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 27.25, **Mount. bracket dist.** 67.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 48.75, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




110542 Alternator

Replacing: 114901010; 443113516051; -120; -121; -180; -181; -184; 9516051; -0; -60; -61; 20130131

Servicing: Skoda

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 50.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 79.00, **Rotation** CR




110621 Alternator

Replacing: 334113516653; 443113516650; -3; 9516650; -3

Servicing: Chang Feng (liebao); Zetor; Zts Tees

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.85, **Fan** w/o, **Pulley** w/o




110622 Alternator

Replacing: 115901010; 443113516630; -1; -2; -4; -60; -61; -62; -750; -752; 443115901010; 9516660; 111026; 44311

Servicing: Skoda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 27.25, **Mount. bracket dist.** 66.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR




110641 Alternator

Replacing: 0120300514; 0120339514; -31; -52; 11.201.027; -96; aag1301; -11; -28; 24171; 11.201.372; X830060011;

Servicing: Bosch; Case; Claas; Fendt; Goldoni; Deutz-fahr; Kramer; Lamborghini; Liebherr; Linde; Bpm

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 55.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.30, **Rotation** CR




110881 Alternator

Replacing: 0120488114; -85; -257; -258; 0120489069; -70; -183; -309; 11.201.512; -226; aak1189; 0120488209; 117

Servicing: Volvo; Fendt; Deutz-fahr; Marshall; Kramer

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.00, **Rotation** CR, **Terminal** W




111009 Alternator

Replacing: 443113516836; -46; 9515836

Servicing: Tatra; Porsche

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 24, **Width of holder arm** 27.25, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.70, **Rotation** CR, **Terminal** W

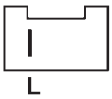



111035 Alternator

Replacing: 0120489126; -86; -87; -88; 19025051; -787; -789; 4395131; 4434084; 46231684; -7; 5958394; -5; 596759

Servicing: Fiat; Lancia; Zastava; Autobianchi; Innocenti; Case; Audi; VW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 22.00, **Mount. bracket dist.** 74.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.25, **Rotation** CR, **Terminal** W



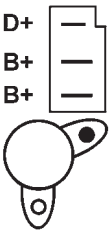



111076 Alternator

Replacing: 0120488214; -5; 0120489157; -8; -258; -259; -270; 9151095080; 9151798380; 95619191; 443113516404; 95

Servicing: Citroen; Peugeot; Talbot; Opel

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 26.80, **Mount. bracket dist.** 68.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.35, **Rotation** CR





111086 Alternator

Replacing: 0120339504; -19; 0120400808; -9; -72; -73; 0120489050; -2; -4; -98; -99; -100; -101; -105; -287; -42

Servicing: Ford; Austin; Rover; Mg; Mercury

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 83.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.60, **Rotation** CR




111168 Alternator

Replacing: 0120488203; 0120489123; -4; -5; -947; -948; -950; -951; -952; 051; -66; -208; 3472051; -66; -208; 34

Servicing: Opel; Vauxhall; Ferrari

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 41, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.00, **Rotation** ACR, **Terminal** W

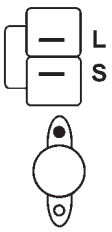



111170 Alternator

Replacing: 0120488166; -200; -201; 0120489488; -9; 11.201.749; aak4582; 9515050; -1; 0120489418; -21; 1204058;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 10.80, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 34.85, **Rotation** CR

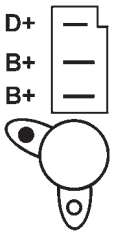



111216 Alternator

Replacing: 9120060027; 44-8950; 44-9571; 5d33839g01; 5d38603g01; 66021606; 9514090; 41-7912; 0120488297; 41-678

Servicing: Thermo King

V. 12, **Amp.** 37, **B+ / position** M6, **B+ position in min** 54, **Width of holder arm** 50.80, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W
OAL 165mm.

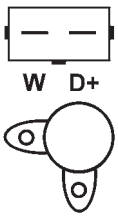



111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W

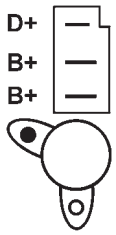



111353 Alternator

Replacing: 0120485043; 0123310001; -19; -32; 0123315002; b120310084; 9517162; 2541619; -76; -819; a11vi36; -64;

Servicing: VW; Seat; Ford; Audi; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

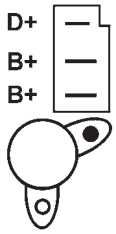



111362 Alternator

Replacing: 0120489290; -345; 82fb10300ea; 85bb10300da; 86ab10300eb; 86ax10300ab; -db; 87bb10300ba; 24215; -49;

Servicing: Ford; Austin; Land Rover; Mg; Valmet

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 11.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.50, **Rotation** CR, **Terminal** W

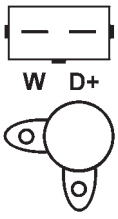



111368 Alternator

Replacing: rv87vg10300ab; rv87vx10300ab; v87vg10300aa; -b; 11.201.729; -811; aak4575; -99; 24223; -31; 54022203

Servicing: Ford

V. 12, **Amp.** 70, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.90, **Rotation** CR, **Terminal** W




111477 Alternator

Replacing: 0120485038; 0123320001; -7; 0123340003; 9123320007; 1031896; 7203201; 95VW10300aaa; 95VW10300na; -ra

Servicing: VW; Seat; Ford; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 62.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

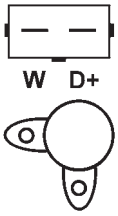



111662 Alternator

Replacing: 0120339521; -36; 11.201.500; -7; aag1338; -41; 3218577EX; 3218577R91; 605710100130; 11.201.115; aag1

Servicing: Case; Ferrari; Goldoni; Agrifull; Lombardini; Arona

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W





111677 Alternator

Replacing: 0120485023; -39; 9517187; 021903023q; 0123320005; 11.203.228; aak5522; 2541420; a13vi44; 0123340005

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00

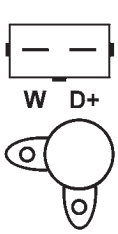



111686 Alternator

Replacing: 0120489018; -136; -152; -153; -212; -219; 19025060; 4765931; -3; -4; 4787668; -71; 4808506; -10; -17

Servicing: Alfa Romeo; Fiat; Lancia; Lamborghini; Laverda; Iveco

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.00, **Mount. bracket dist.** 71.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.50, **Rotation** CR



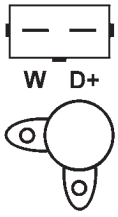


111820 Alternator

Replacing: 0123320019; -27; -34; 9517181; -3; 2541801; a13vi114; 028903027l; -8g; 037903025c; 11.203.080; aak53

Servicing: Skoda; Audi; VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.80, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W





111825 Alternator

Replacing: 9517164; 028903026b

Servicing: VW; Skoda; Seat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.30, **Mount. bracket dist.** 60.70, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR, **Terminal** W

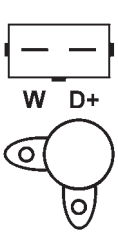



111843 Alternator

Replacing: 0120484011; -8; -26; 9x0341; px0341; 3282554; 11.201.875; AAK5165; A187623; AH137883; 9120060041; 20

Servicing: Case

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 51.00, **Fan** w/o, **Grooves in pulley** 6, **Pulley** w/o, **Pulley distance** 74.60, **Rotation** CR, **Terminal** W



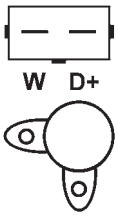


111858 Alternator

Replacing: 0123320036; 9517184; 028903026a; 9517484

Servicing: VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 42.90, **Rotation** CR, **Terminal** W



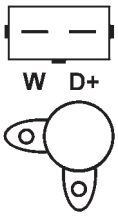


111878 Alternator

Replacing: 0123310037; 9517163; 037903025b; 11.203.076; aak5347; 20110386

Servicing: Skoda; Audi; VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W



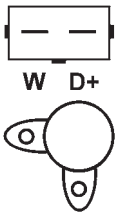


111879 Alternator

Replacing: 0120485044; 0123310003; 0123315006; 9517166; 021903025

Servicing: VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Terminal** W





111884 Alternator

Replacing: 0123320038; 028903028j; 11.203.078; aak5349; 35214370; 9517482; 0123310049

Servicing: VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W

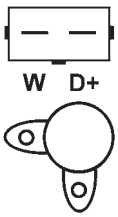



111888 Alternator

Replacing: 0120488205; 11.201.595; aak1363; A187873; 3e7285; 3920679; 0120489475; A181873; AT173624; 0120488293

Servicing: Case

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 50.60, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 81.00, **Rotation** CR, **Terminal** W



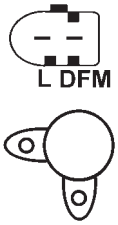


111899 Alternator

Replacing: 0123320018; 9517189; 028903027n; 11.203.079; aak5350

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.30, **Rotation** CR, **Terminal** W





111989 Alternator

Replacing: 0124325003; 9517213; 2542241; sg9b013; 028903028d; 030903023j; 11.203.313; aak5544; SG9B088; -49; -5

Servicing: VW; Audi; Skoda; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

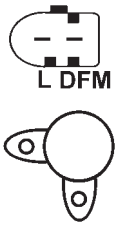


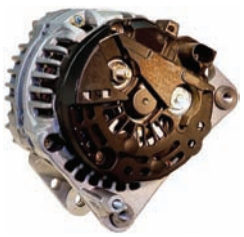

112035 Alternator

Replacing: 443113516670; -3; 9516673

Servicing: Zetor

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 27.10, **Mount. bracket dist.** 66.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W



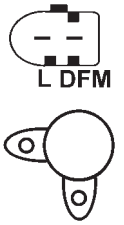


112043 Alternator

Replacing: 0124325004; 9517219; 074903025k; 11.203.223; aak5518

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.



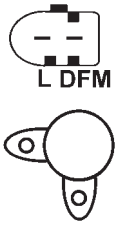


112075 Alternator

Replacing: 0124315003; 443113517103; 9517103; 028903028c; 037903025e; 11.203.310; aak5541; 0124315004

Servicing: VW; Audi; Skoda; Seat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR





112079 Alternator

Replacing: 0124325001; -12; 98VW10300ca; 038903023l; 98vn10300ca; 9517413; 1100711; 9517483; 11.203.312; aak554

Servicing: VW; Ford; Audi; Seat; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.90, **Fan** IF, **Pulley** w/o, **Rotation** CR



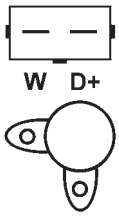

112098 Alternator

Replacing: 0120400600; -1; -3; -6; -7; -11; -37; -75; -736; 0120488138; 0120489711; 11.201.219; -444; -499; aak

Servicing: Mercedes-Benz; Iveco; Case; Claas; Eicher; Zetor; Lamborghini; Nsu

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



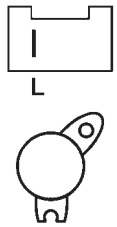


112148 Alternator

Replacing: 0123310040; 9517169; 028903026e

Servicing: VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR





112162 Alternator

Replacing: 96016744; 11.201.493; -590; aak3572; aak4535; 334113516414; 443113516414; 9515414; 9ar5055p; 557291;

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.90, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR




112234 Alternator

Replacing: 0120469674; -5; -706; -707; -740; -741; -904; -976; -977; -991; 9516381; 028903023d; 068903029c; -e;

Servicing: VW; Seat

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 81.30, **Rotation** CR, **Terminal** W




112238 Alternator

Replacing: 24161; -228; -240; -241; -242; -297; -380; 54022058; -140; -179; -189; -256; -393; -510; -552; -591;

Servicing: Austin; Land Rover; Ldv International; Daf

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.50, **Mount. bracket dist.** 81.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.00, **Rotation** CR, **Terminal** W





112274 Alternator

Replacing: 0124325013; -32; 9517212; a13vi223; 037903025m; 038903018a; 047903015h; 11.203.314; aak5545; sg9b024

Servicing: Seat; VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR




112387 Alternator

Replacing: 443113516591; 441.04003-226.6; 9516590; -1

Servicing: Skoda

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 14.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 32.50, **Rotation** CR, **Terminal** W





112419 Alternator

Replacing: 0124315014; 9517241; 047903015q; 047903017

Servicing: Seat; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 14.00, **Mount. bracket dist.** 81.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR




112736 Alternator

Replacing: 0120489756; 1172857; 11.201.570; AAK1378; 9515230

Servicing: Iveco; Deutz-fahr

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 56.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.50, **Rotation** CR, **Terminal** W



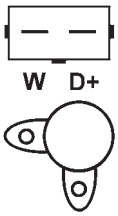


113340 Alternator

Replacing: 0124315001; 9517403; 038903023k; aak5547;

Servicing: VW; Audi; Skoda; Seat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 62.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR



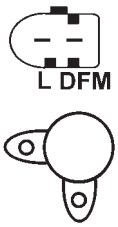


113341 Alternator

Replacing: 0123310035; 9517463; 11.203.075; aak5346; 11.203.316

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.90, **Mount. bracket dist.** 61.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W





113530 Alternator

Replacing: 021903025f; 0124315002; 0124325002; 021903025H; -j; 9517108; 11.203.315; aak5546

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.80, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR





113542 Alternator

Replacing: 9515765; 9516765; re506197; 443113515765

Servicing: John Deere

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 83.00, **Rotation** CR, **Terminal** W





113543 Alternator

Replacing: 9515241; 9516241; re506196; 443113515241; RE501634; LRA02116; 443113516241

Servicing: John Deere

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 77.40, **Rotation** CR, **Terminal** W





113552 Alternator

Replacing: 9515112; -22

Servicing: Case

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 77.00, **Rotation** CR, **Terminal** W



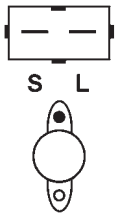


113632 Alternator

Replacing: 0120484002; 0120489156; -317; 0120488217; 11.201.934; aak3329; 0120484003; -16; -20; 9513071; 012006

Servicing: Lada; John Deere

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 56.10, **Fan** IF, **Pulley** Pulley, **Rotation** CR, **Terminal** W





113716 Alternator

Replacing: 9120060023; 44-9572; 5d38604g01; 9120060028; 0120488296; 9514590; 41-7913; 41-6781; 0120484049; 41-7

Servicing: Thermo King

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 51.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W





113152 Alternator

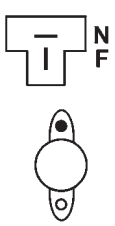
Replacing: nab9000m; 66021590m

Servicing: Various

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.50, **Mount. bracket dist.** 82.20, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR/ACR, **Terminal** W

For right and left mounting

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



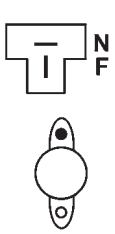


110128 Alternator

Replacing: lt125-06; lt125-06b; lt125-65; lt130-72; lt130-72b; lt133-03; -4; -5; lt133-05b; lt135-13; lt135-13b

Servicing: Tcm; Nissan; Komatsu; Chevrolet; Subaru

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 11.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 38.50, **Rotation** CR



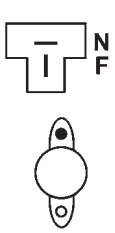


110129 Alternator

Replacing: lt140-126; lt150-03; -5; lt150-05b; lt150-10; -2; lt150-129; -30; -3b; lt150-16; -7; -23; lt150-23b;

Servicing: Nissan; Subaru; Isuzu

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.00, **Rotation** CR





110131 Alternator

Replacing: lt145-42; lt150-04; lt150-122; -3; lt150-123b; lt150-125; lt150-13; -8; lt150-188; lt150-19; -22; lt

Servicing: Isuzu; Nissan; Chevrolet

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 40.75, **Rotation** CR





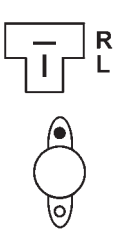
110133 Alternator

Replacing: 4892-18-300; 4894-18-300; D47Z-18-300; a1t15674; a1t20174; -8; -572; -573; -574; -579; -591; a1t2133

Servicing: Mazda

V. 12, **Amp.** 35, **B+ / position** M5, **B+ position in min** 11, **Width of holder arm** 12.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 39.40, **Rotation** CR

Regulator: 130615 6 pins,130616 6+1 pins



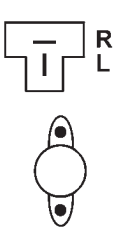


110134 Alternator

Replacing: lr150-165; 5812003470; HE41-18-300; HE45-18-300; a2t23474; -7; a5t20377; -87; 1480-18-300; 8173-18-3

Servicing: Mazda

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 12.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 40.50, **Rotation** CR





110136 Alternator

Replacing: a2t25071; -81; -171; a2t26072; -172; a3t21474; a5t21471; -2; a5t30171; E301-18-300; E302-18-300; E30

Servicing: Mazda; Ford

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.25, **Rotation** CR, **Terminal** W



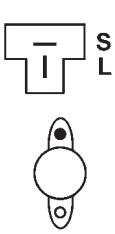


110140 Alternator

Replacing: a2t12371; -671; a2t16371; -871; a2t22771; a2t23171; a3t30271; a5t10271; a5t15171; -7; a5t16871; a5t2

Servicing: Mitsubishi; Hyundai; Dodge; Plymouth

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 47.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



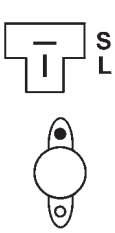


110168 Alternator

Replacing: lr150-100; -1; lr150-101b; lr150-125; lr150-125b; lr150-177; lr150-31; -5; -6; -50; -52; -53; -58; -

Servicing: Nissan

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR





110264 Alternator

Replacing: lr135-107; -8; -32; -33; lr135-61; lr135-61b; lr135-70; lr135-70b; lr138-01; lr140-132; -3; a1t02871

Servicing: Nissan

V. 12, **Amp.** 40, **B+ / position** M5, **B+ position in min** 7, **Width of holder arm** 13.20, **Mount. bracket dist.** 80.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



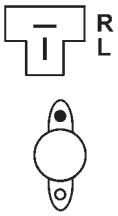


110265 Alternator

Replacing: lr160-104; -13; -25; lr160-93; a3t33772; 23100-01e00; 23100-06s00; 23100-d0201; -11; 23100-d1700; lr

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 60, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 39.00, **Rotation** CR



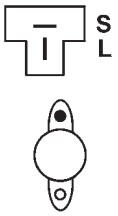


110271 Alternator

Replacing: a2t41091; -191; a3t34391; a3t35091; F601-18-300; F807-18-300; FE01-18-300; FE05-18-300

Servicing: Mazda

V. 12, **Amp.** 65, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.25, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR



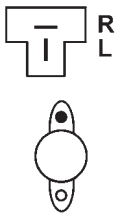


110307 Alternator

Replacing: lr160-105; lr160-109c; lr160-116; -21; -24; lr160-77; -8; lr160-78b; a2t14472; a2t40971; -2; a3t0297

Servicing: Mazda; Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 8, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR



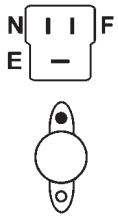


110318 Alternator

Replacing: a2t16472; a2t23271; -7; a2t24771; a2t40671; a2t41371; -7; a3t21371; a5t15371; -584; a5t21071; -7; -1

Servicing: Mitsubishi; Mazda; Dodge; Plymouth

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 53, **Width of holder arm** 13.68, **Mount. bracket dist.** 53.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.00, **Rotation** CR



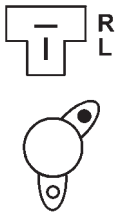


110319 Alternator

Replacing: a1t31471; a1t32371; a1t33371; ah2035s; 31400-78430; -1; -2

Servicing: Suzuki

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00



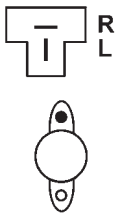


110324 Alternator

Replacing: a2t16471; a2t40671; a3t21471; a5t15471; md022579; md041705; md063781; 100211-0322

Servicing: Mitsubishi; Lada; Dodge

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 14, **Width of holder arm** 13.70, **Mount. bracket dist.** 53.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** R



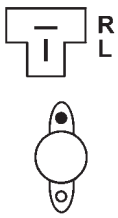


110327 Alternator

Replacing: hab145104; a2t07371; a2t13471; -571; a2t43671; a2t46871; a2t46871a; a2t47371; a2t47371a; a5t16471; a

Servicing: Mazda; Ford; Mercury

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.30, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 27.00, **Rotation** CR



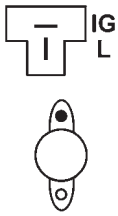


110383 Alternator

Replacing: lr150-30; lr150-30b; N222-18-300; a2t23494; a2t31677; -977; a2t40374; -7; a3t20777; a3t21277; -8; -6

Servicing: Mazda; Nissan

V. 12, **Amp.** 65, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR





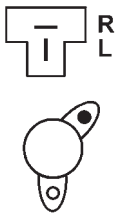
110385 Alternator

Replacing: lr140-128; a1t33771; 42990-5600; 31400-80010; -1

Servicing: Suzuki; Bedford; Subaru

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.60, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



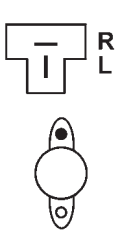


110405 Alternator

Replacing: a3t32872; a3t34672; -7; a3t60g2; md018230; md041706; md086046; -7

Servicing: Mitsubishi; Dodge; Plymouth

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.00, **Rotation** CR



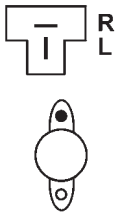


110406 Alternator

Replacing: JE01-18-300; N245-18-300; a2t06577; a2t41674; -7; a2t42177; a2t44277; a2t45877; a2t49177; a5t32277;

Servicing: Mazda

V. 12, **Amp.** 65, **B+ / position** M5, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR



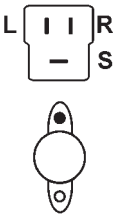


110448 Alternator

Replacing: lr220-23; 5812003300; a1t70783; lr220-24; 5812003350

Servicing: Mitsubishi

V. 24, **Amp.** 20, **B+ / position** M5, **B+ position in min** 20, **Width of holder arm** 13.50, **Mount. bracket dist.** 81.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR



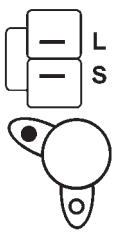


110457 Alternator

Replacing: lr160-401; lr160-401c; a3t32997; a3t33684; -98; 23100-17s15; 23100-18a00; -1; 23100-g3716; lr160-401

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR



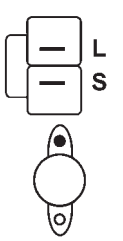


110630 Alternator

Replacing: lr170-715; lr170-715b; lr170-716; lr170-716b; 54022338; a2t48292; -8; 23100-d4400; -5; -10; -15

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 19.88, **Mount. bracket dist.** 81.30, **Fan** EF, **Grooves in pulley** 6/4, **Pulley** Serpentine Pulley, **Pulley distance** 35.35, **Rotation** CR



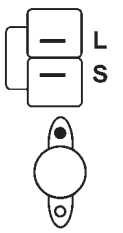


110631 Alternator

Replacing: lr165-708; lr165-708b; -c; -e; lr170-738; lr170-738b; -c; -e; a5t03092; -192; a5t04392; a5t04392a; -

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 24.85, **Mount. bracket dist.** 82.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 14.90, **Rotation** CR



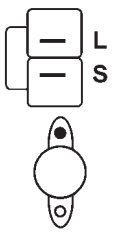


110632 Alternator

Replacing: lr165-707; lr165-707b; a5t00192; 23100-77a00; -10

Servicing: Nissan

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 25.00, **Mount. bracket dist.** 80.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.80, **Rotation** CR



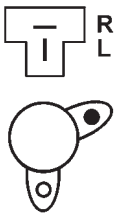


110642 Alternator

Replacing: a3t35278; a3t35278a; a3t35299; 23100-05e06; -16; -17; -18; 23100-60l00

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 45, **Width of holder arm** 13.15, **Mount. bracket dist.** 80.40, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.30, **Rotation** CR



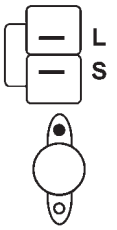


110658 Alternator

Replacing: 0120488120; -1; 0120489451; -2; 37300-21030; -320; -350; ab155001; ar160a; ar160ar; a1t01991; a1t403

Servicing: Mitsubishi; Dodge; Hyundai; Plymouth

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 48.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR



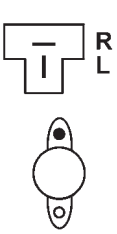


110659 Alternator

Replacing: 37300-24510; -1; ab175015; -53; a2t09292; -493; a2t49992; a5t05091; md012085; md114620; md309333; 37

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.15, **Rotation** CR



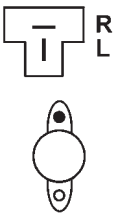


110660 Alternator

Replacing: 37300-24010; hab165100; ab165014; a2t00991; a2t03591; -792; a2t28091; a2t41791; a2t49792; md091749;

Servicing: Mitsubishi; Hyundai; Dodge; Plymouth

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.25, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.25, **Rotation** CR



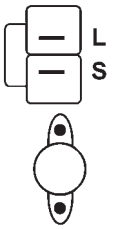


110662 Alternator

Replacing: a2t04677; F210-18-300

Servicing: Mazda

V. 12, **Amp.** 65, **B+ / position** M5, **B+ position in min** 60, **Width of holder arm** 12.86, **Mount. bracket dist.** 66.24, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR, **Terminal** W



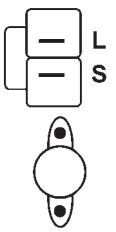


110663 Alternator

Replacing: f1cz10346a; -b; -c; a2t34477; a2t35177; B366-18-300; B361-18-300G; B366-18-300H; TA000A11001; OK2011

Servicing: Mazda; Kia; Ford; Mercury

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.15, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.75, **Rotation** CR, **Terminal** W



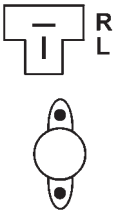


110664 Alternator

Replacing: e92z10346a; F8B1-18-300E; hab170144; a2t05892; a2t05892a; -b; a2t05892zc; a2t05893; a2t05893zc; a2t0

Servicing: Mazda; Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.10, **Mount. bracket dist.** 66.10, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.50, **Rotation** CR, **Terminal** W



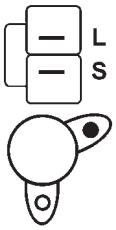


110665 Alternator

Replacing: PN11-18-300; PN16-18-300; PN22-18-300; PN26-18-300; a2t01077; a2t07677; -777; a2t32277

Servicing: Mazda

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 65.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



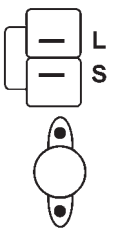


110666 Alternator

Replacing: 37300-21013; ta000a47001; a2t09691; a2t48791; a2t48791zc; md102088; md125096

Servicing: Mitsubishi; Eagle; Plymouth

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 48.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR





110667 Alternator

Replacing: PN40-18-300; PN54-18-300; a2t18476; -9; a2t28976

Servicing: Mazda

V. 12, **Amp.** 65, **Width of holder arm** 13.50, **Mount. bracket dist.** 65.35, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 26.20, **Rotation** CR





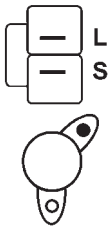
110668 Alternator

Replacing: 0120489395; -6; a2t40571; a2t40571b; a5t41271; md015020; md086049; md091846

Servicing: Mitsubishi

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 50, **Width of holder arm** 13.25, **Mount. bracket dist.** 46.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.20, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





110671 Alternator

Replacing: lr160-707; -8; -9; a2t42571; a2t43372; a2t45771; 23100-02e00; -5; -11; -15; -16; 23100-08e10; -1; -5

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



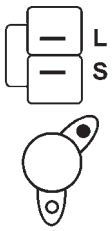


110672 Alternator

Replacing: a2t43583; md013742; md087246

Servicing: Mitsubishi

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 8, **Width of holder arm** 13.15, **Mount. bracket dist.** 54.35, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.75, **Rotation** CR



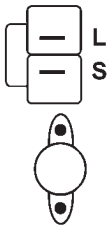


110687 Alternator

Replacing: a2t49377; -476; md102864; -5; md132130

Servicing: Mitsubishi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.30, **Mount. bracket dist.** 54.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.65, **Rotation** CR



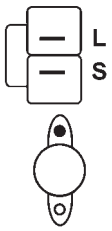


110689 Alternator

Replacing: f00z10346b; f0cz10346b; a2t34377; a2t35277; a5t00877; a5t01599; -777; a5t02777; B366-18-300E; B61V-1

Servicing: Mazda; Ford; Mercury

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.30, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.15, **Rotation** CR



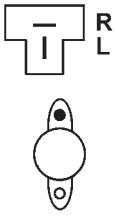


110691 Alternator

Replacing: a5t22997; a5t22997b; 23100-17b10; -1

Servicing: Nissan

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 27, **Width of holder arm** 13.25, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 37.70, **Rotation** CR



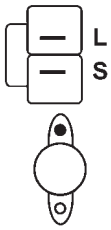


110692 Alternator

Replacing: N249-18-300; a2t17872; a5t22877; a5t30574; -977; a5t31177; B359-18-300; F650-18-300; F651-18-300; F8

Servicing: Mazda; Kia; Ford

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 2, **Width of holder arm** 13.32, **Mount. bracket dist.** 66.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.30, **Rotation** CR, **Terminal** W



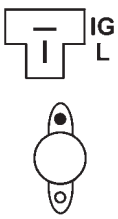


110693 Alternator

Replacing: lr160-715; a5t41592; a5t41592b; a5t41792; 23100-53a00; -10; -11; 23100-56a10; -1

Servicing: Nissan

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.80, **Rotation** CR



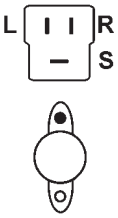


110696 Alternator

Replacing: lr140-701; -3; -5; lr145-701; lr145-701b; -c; -f; lr145-701ga; -b; lr145-710; 8970887070; a7t30271;

Servicing: Subaru

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.00, **Rotation** CR



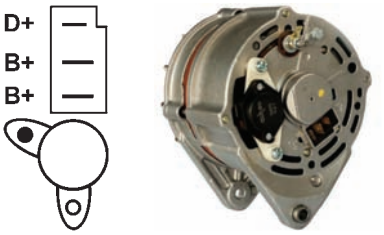


110702 Alternator

Replacing: lr150-79; lr150-79b; -c; -e; -f; -h; -s; lr155-16b; -p; -408; a2t25377; 23099-r8107; -10; -701; 2310

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 43, **Width of holder arm** 13.30, **Mount. bracket dist.** 80.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.25, **Rotation** CR

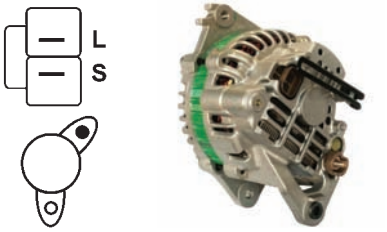


110759 Alternator

Replacing: 0120400704; -5; -814; 0120489087; -508; -509; -511; -536; -561; -562; -616; -803; -804; -894; -940;

Servicing: Ford; Austin; Mercury

V. 12, **Amp.** 35, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.65, **Mount. bracket dist.** 79.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.15, **Rotation** CR

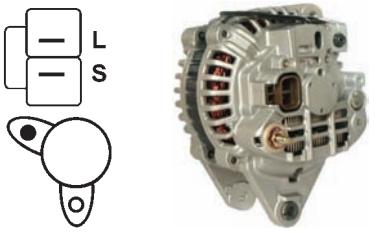


110802 Alternator

Replacing: 37300-33010; -3; -30; hab175120; ta000a34801; ab175020; a3t02892; a3t03391; -2; a3t03392zc; a3t03393

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.25, **Mount. bracket dist.** 77.60, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR

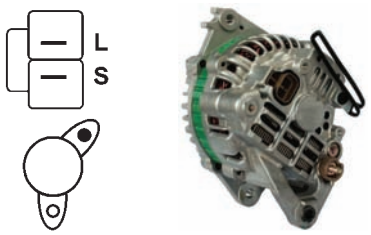


110803 Alternator

Replacing: 9120061100; 37300-35010; -30; ta000b0261; ab190012; a3t00692; -3; -792; a3t04292; md112322; -3; a000

Servicing: Mitsubishi; Hyundai; Kia; Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 12.80, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 23.80, **Rotation** CR

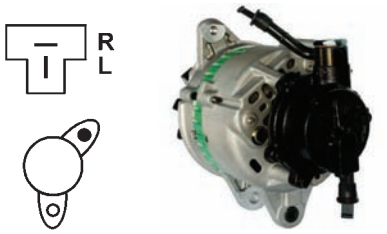


110804 Alternator

Replacing: 37300-33100; -1; -3; hab190120; ab190025; -72; a3t45691; -3; a3t45693zc; a3t45694; md149750; md15384

Servicing: Mitsubishi; Hyundai; Kia; Dodge; Eagle; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.40, **Mount. bracket dist.** 77.40, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.85, **Rotation** CR

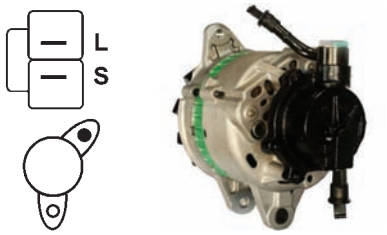


110805 Alternator

Replacing: ad150413; apr150aa; a2t24884; a5t15684; -784; -884; a5t16084; -384; a5t20481; -4; a5t21684; -984; a5

Servicing: Mitsubishi; Dodge; Mazda; Plymouth

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 8, **Width of holder arm** 13.10, **Mount. bracket dist.** 54.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.30, **Rotation** CR

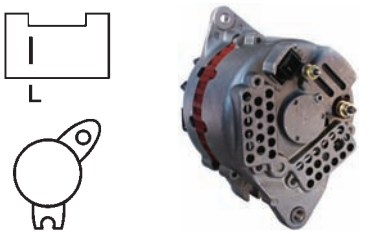


110806 Alternator

Replacing: 37300-42200; -2; had165500; ad165309; apr165aa; a2t01483; -583; -683; -783; a2t10083; md103373; -564

Servicing: Mitsubishi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 12.80, **Mount. bracket dist.** 56.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.40, **Rotation** CR

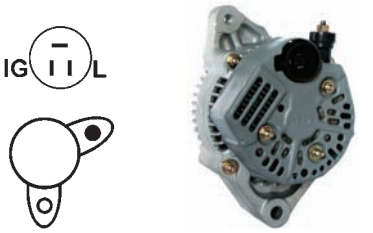


110907 Alternator

Replacing: 9559976380; 9603139280; 9615736180; a2t34598; a2t34598a; -b; -c; a3t03298; a3t03298a; -b; a3t34598;

Servicing: Citroen; Peugeot

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.55, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.90, **Rotation** CR

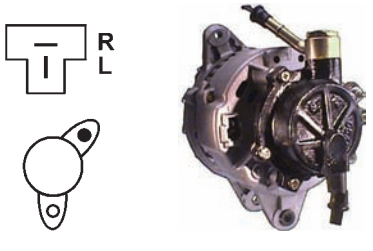


110927 Alternator

Replacing: 31100-pe0-003; -4; -13; -14; -20; -23; -24; -34; -44; -924; cha08; -19; -33; peo014; -34; a1t01591;

Servicing: Rover; Honda

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 57.90, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 90.45, **Rotation** CR



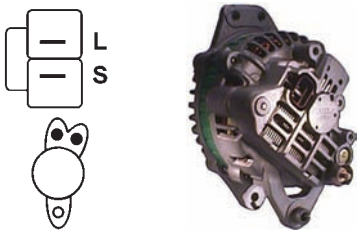
110928 Alternator

Replacing: a2t40483; -4; a2t41477; md013742; md061430; md075795

Servicing: Mitsubishi

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 13.14, **Mount. bracket dist.** 54.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

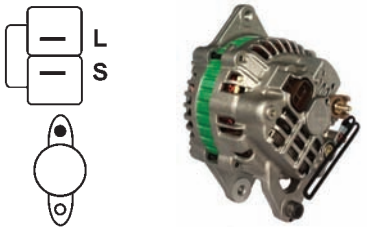


110956 Alternator

Replacing: ab175201; a2t41892; a3t02193; -8; a3t04493; md122338; md126796; md141855; ta000b08001; 37300-36010

Servicing: Mitsubishi; Dodge

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 12.97, **Mount. bracket dist.** 55.09, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR

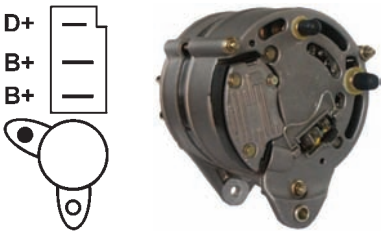


110957 Alternator

Replacing: 3603857rx; -8rx; -9rx; 3604234rx; 37300-32510; -1; -20; -30; ab175051; ar175aa; a2t14792; a2t14792zc

Servicing: Hyundai

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 12.99, **Mount. bracket dist.** 55.04, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 35.05, **Rotation** CR

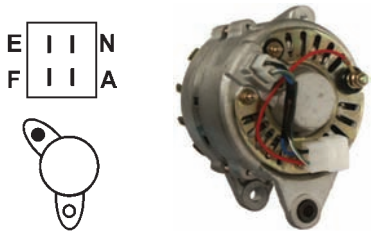


110968 Alternator

Replacing: alt2n-14; alf12-18; alt12n-13; alt12n-2; 11.201.470; aak1133; 23686; -749; -764; -785; -832; -882; -

Servicing: Austin; Rover; Nissan; Mg; Case; Dronningborg; Valmet

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR

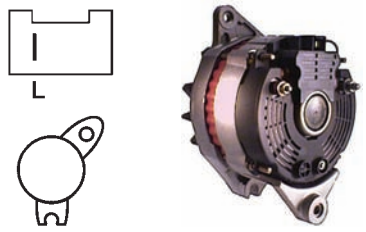


111042 Alternator

Replacing: a1t11574; a1t22074; ah2025m4; ah2035m4; md017645; 021000-6980

Servicing: Iseki; Mitsubishi

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 12.10, **Mount. bracket dist.** 66.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR

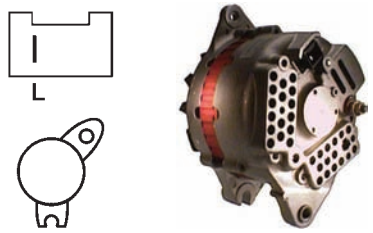


111076 Alternator

Replacing: 0120488214; -5; 0120489157; -8; -258; -259; -270; 9151095080; 9151798380; 95619191; 443113516404; 95

Servicing: Citroen; Peugeot; Talbot; Opel

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 26.80, **Mount. bracket dist.** 68.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.35, **Rotation** CR

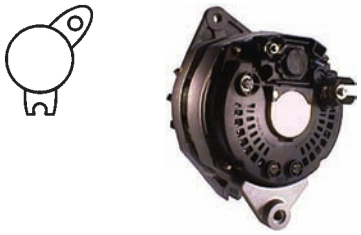


111173 Alternator

Replacing: 9151798480; 9603138880; a2t03292; a2t34591; a2t34591a; -b; a3t03291; a3t03291a; -b; a3t45191; -291;

Servicing: Citroen; Peugeot; Talbot

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 64.65, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 45.30, **Rotation** ACR

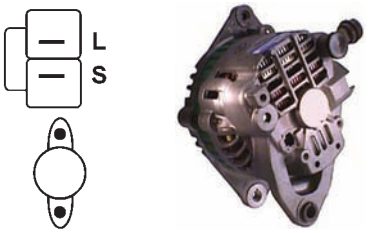


111175 Alternator

Replacing: 90041021; 9610870880; a2t13391c; -d; -e; a14n139; -72; 2541189; -369; -655; -793; a13vi108; a13vi68;

Servicing: Citroen; Peugeot

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 27.25, **Mount. bracket dist.** 69.95, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.30, **Rotation** CR

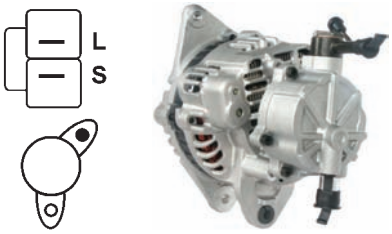


111237 Alternator

Replacing: k20118300a; hab170140; ab170036; -94; apr140ab; a2t33991; a2t33991a; B66S-18-300; K20118301A; OK2A21

Servicing: Mazda; Kia

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 4, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.55, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.75, **Rotation** CR

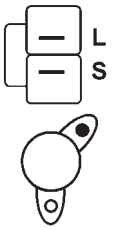


111238 Alternator

Replacing: a3t08183; md160671; 20130140

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 12.80, **Mount. bracket dist.** 55.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.20, **Rotation** CR



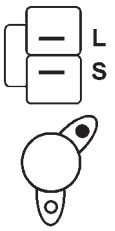


111240 Alternator

Replacing: a2t01384; a2t02084; a2t06384; a2t09884; md103372; md106332; md112318; md124234

Servicing: Mitsubishi

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.15, **Mount. bracket dist.** 54.55, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.70, **Rotation** CR



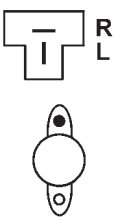


111243 Alternator

Replacing: a2t14376; -876; md127087; md132130; a2t18383; A1T01384

Servicing: Mitsubishi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.15, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.75, **Rotation** CR



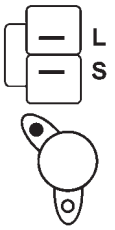


111245 Alternator

Replacing: a2t03691; a2t05291; a2t42777; a2t46791; md111607

Servicing: Mitsubishi; Dodge; Plymouth

V. 12, **Amp.** 75, **B+ / position** M5, **B+ position in min** 3, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 39.00



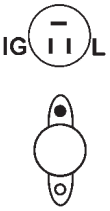


111264 Alternator

Replacing: lr180-725; lr180-725b; -c; -e; lr180-736; lr180-736b; -c; -7b; -7c; a2t13894; a2t34692a; -b; a2t3579

Servicing: Nissan; Infiniti

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 25.45, **Mount. bracket dist.** 81.15, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 37.85, **Rotation** CR



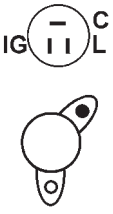


111279 Alternator

Replacing: 9120334317; -8; a1t01791; a1t02991; a1t03191; a1t03191zc; a1t04495; a5t07091; a5t07091zc; a7t00191;

Servicing: Suzuki; Chevrolet; Geo; Pontiac

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 20.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR



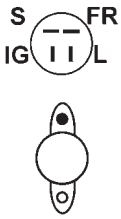


111281 Alternator

Replacing: 31100-pc0-9230; 31100-pm4-y0030; 31100-pp2-e02; ahga01; -2; cha12; -48; -49; a1t02091; -191; a1t0469

Servicing: Honda

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR



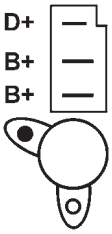


111285 Alternator

Replacing: 31100-p04-g034; 31100-pr5-0030; ahga17; -8; cjn42; -q20; a5t04072; -92; -292; a5t06291; -391; a5t063

Servicing: Honda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.30, **Rotation** ACR



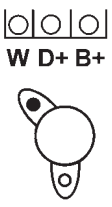


111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W





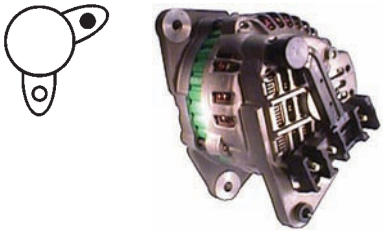
111292 Alternator

Replacing: 0123310015; 1019077; 7118750; 7276001; 94ab10300ba; 94fb10300aa; -b; r94ab10300ba; a2t81891; a2ta259

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 31, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 31.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

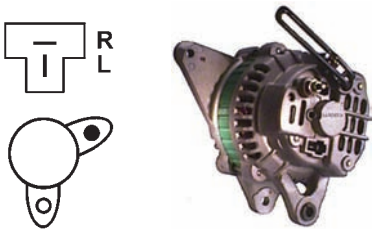


111293 Alternator

Replacing: 0120485029; 0123310014; 7275999; 91ab10300sa; 92ab10300dd; -fa; -fb; 92fb10300fb; a2t14591; a2t28792

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 31, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 31.20, **Rotation** CR

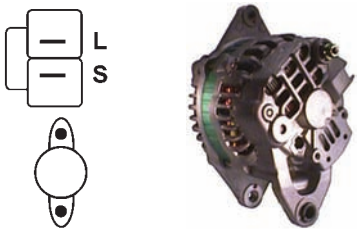


111297 Alternator

Replacing: 37300-11501; -10; -20; 37300-21000; -310; -340; hab155100; ar155ba; a1t41991; a2t04191; a2t41991; a2

Servicing: Mitsubishi; Hyundai; Dodge; Plymouth

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 53, **Width of holder arm** 13.35, **Mount. bracket dist.** 47.95, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.40, **Rotation** CR

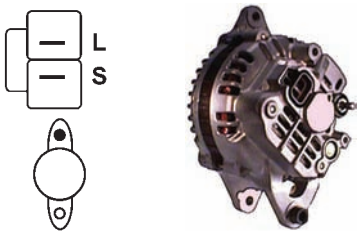


111308 Alternator

Replacing: 219101; lr165-709; lr165-709b; kk37018300; hab160100; ab160044; -63; a5t03391; B3C7-18-300; B3D1-18-

Servicing: Mazda; Ford; Hyundai

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR

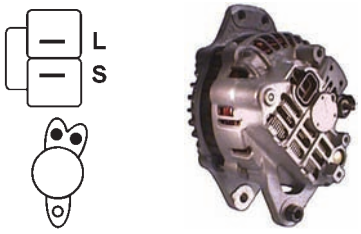


111313 Alternator

Replacing: 37030-32130; ab175024; a2t49972; -7; md106713; md125569

Servicing: Chrysler; Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 13.05, **Mount. bracket dist.** 54.95, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.35, **Rotation** CR

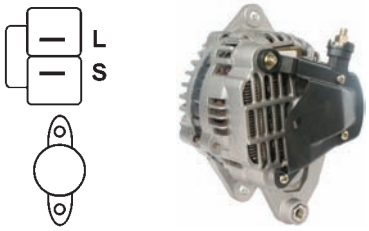


111314 Alternator

Replacing: 37300-36030; 37300-43850; ab190097; -205; a3t08293; md168989; 20130190; a3ta1391; a3ta1391a; md18901

Servicing: Mitsubishi; Hyundai

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.15, **Mount. bracket dist.** 55.15, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 37.90, **Rotation** CR

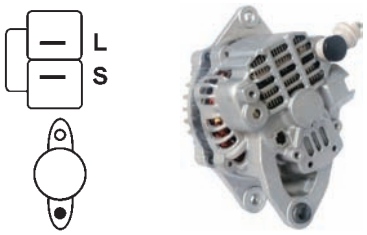


111315 Alternator

Replacing: f32z10346b; K801-18-300; K801-18-300B; -C; -D; a3t08491; a3t08491a; a3t08491zc; KL11-18-300D; 660213

Servicing: Mazda; Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.45, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 37.65, **Rotation** CR

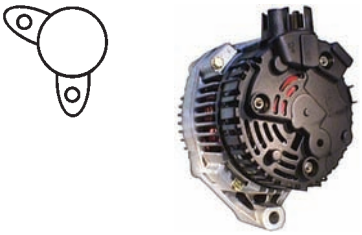


111317 Alternator

Replacing: hab180101; a2t33191; a2t33191a; a2t33191zc; FS64-18-300; FS05-18-300; 66021301

Servicing: Mazda; Ford; Kia

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 36.40, **Rotation** CR

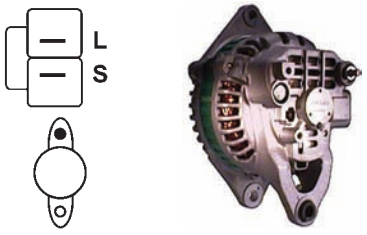


111318 Alternator

Replacing: 0123310011; -3; 9617861280; -380; 9618961580; a2ta1991; a2ta1991d; -f; 9631318180; 2542355; a13vi102

Servicing: Citroen; Peugeot; Fiat; Lancia; BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 59, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.35, **Rotation** CR

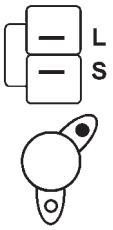


111337 Alternator

Replacing: hab170103; RF79-18-300; RF85-18-300; RF92-18-300; a2t04599; a2t08577; a2t08577a; -b; a3t04177; -99;

Servicing: Mazda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.10, **Mount. bracket dist.** 66.55, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 47.60, **Rotation** CR



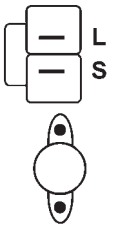


111339 Alternator

Replacing: had165504; a2t17783; a2t27883; md140189; md147245

Servicing: Mitsubishi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 13.15, **Mount. bracket dist.** 54.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.70, **Rotation** CR



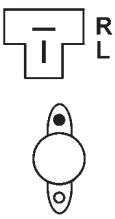


111342 Alternator

Replacing: hab160102; a5t01577; -977; a5t03677; -777; B61P-18-300; B64J-18-300A; -B

Servicing: Mazda

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.55, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.60, **Rotation** CR



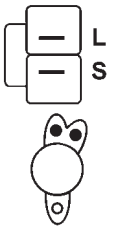


111344 Alternator

Replacing: ad225412; a5t70183; -283; me017550; -60; -61; 37300-41011; -0; a5t70270; ta000a06101; apr225aa; a2t7

Servicing: Mitsubishi

V. 24, **Amp.** 25, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 12.55, **Mount. bracket dist.** 81.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.25, **Rotation** CR



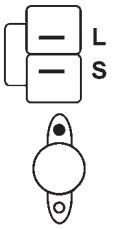


111345 Alternator

Replacing: hab175241; hab175241n; a3t41876; md111233; 20130168

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.95, **Rotation** CR



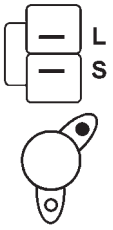


111371 Alternator

Replacing: a2t03471; a2t06871; a5t23277; md104744; md109166; md116427

Servicing: Mitsubishi; Chrysler; Dodge

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.60, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.85, **Rotation** CR



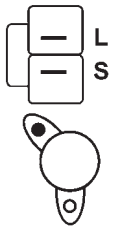


111372 Alternator

Replacing: a2t02572; -7; a2t03171; -7; md106712; md108872; md111232; md112208

Servicing: Mitsubishi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 12.90, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.80, **Rotation** CR



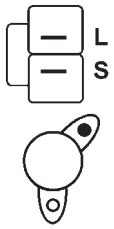


111375 Alternator

Replacing: a2t38491; -891; -892; a2t38892a; a2ta3491; md189659; md191402; md193323; md317401

Servicing: Mitsubishi; Hyundai; Proton; Dodge; Eagle

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.30, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 36.85, **Rotation** CR



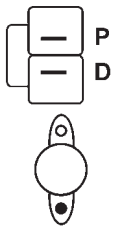


111376 Alternator

Replacing: a2t38391; a2t38391zc; a2t81791; md190819; md198164

Servicing: Mitsubishi; Dodge; Eagle; Plymouth

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 13.25, **Mount. bracket dist.** 77.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.90, **Rotation** CR





111384 Alternator

Replacing: lr170-758; a2tb0091; a2tb0091a; -b; Z599-18-300C; -A; BP4W-18-300C; A2TB6191; -2

Servicing: Mazda; Kia

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 4, **Width of holder arm** 13.15, **Mount. bracket dist.** 67.35, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.65, **Rotation** CR

ECU controlled

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



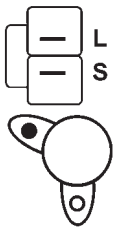


111395 Alternator

Replacing: e83z10346a; e8df10300a; -b; e8dz10346a; a3t01596; -8

Servicing: Ford; Mercury

V. 12, **Amp.** 75, **B+ / position** Plug, **B+ position in min** 60, **Width of holder arm** 76.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 112.90, **Rotation** CR



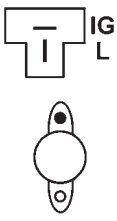


111406 Alternator

Replacing: 37300-35560; -3; -70; -71; -73; hab111100; ab111033; -57; a2t01493; a3t12291; a3t12291a; a4t01493; a

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 38, **Width of holder arm** 17.25, **Mount. bracket dist.** 55.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 23.70, **Rotation** CR





111408 Alternator

Replacing: N318-18-300; N320-18-300; N326-18-300; N337-18-300; N344-18-300; a2t04474; a2t06274; a2t07474; a2t47

Servicing: Mazda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.85, **Rotation** CR, **Terminal** W

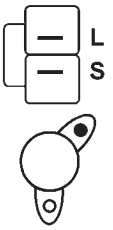



111427 Alternator

Replacing: 0123212001; 93bb10300ae; -g; -ce; r93bb10300ag; a4t01591

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.50, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.50, **Rotation** CR



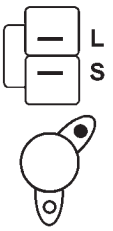


111433 Alternator

Replacing: lr170-714; -7; a2t02394; a2t02394b; a2t45494; a2t47794; 23100-12c10; -1; -2; 23100-42l71; -2; 23100-

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 13.40, **Mount. bracket dist.** 81.30, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.25, **Rotation** CR



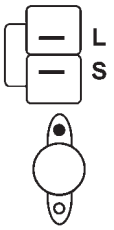


111434 Alternator

Replacing: a2t14694; 23100-35f10

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR



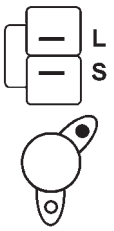


111438 Alternator

Replacing: RF71-18-300; a3t01871; -2; -7; a3t01877a; -b

Servicing: Mazda

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.00, **Rotation** CR



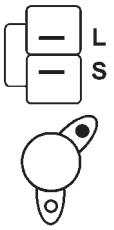


111469 Alternator

Replacing: a2t02271; a2t04271; -7; md108230; md111231; md166174; 20130167

Servicing: Mitsubishi; Dodge

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.80, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.30, **Rotation** CR



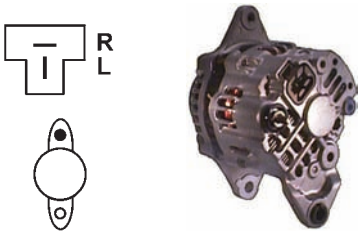


111491 Alternator

Replacing: a3t00599; a3t05499; md111932; md141119; 20130141; 37300-42750; AF175435; -503

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.50, **Rotation** CR

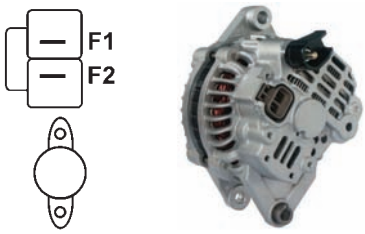


111495 Alternator

Replacing: a7t03277; a7t03277a; 20140109; LRA002043; S5SN-18-300; S5SN-18-300A; 00591-33580-81; 00591-55973-81;

Servicing: Hyster; Mitsubishi; Sumitomo; Yale

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.75, **Rotation** CR

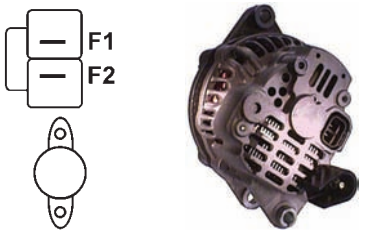


111529 Alternator

Replacing: a2ta3791; 4609101; a2ta7491; a2ta7491zc

Servicing: Chrysler; Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 12.00, **Mount. bracket dist.** 53.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

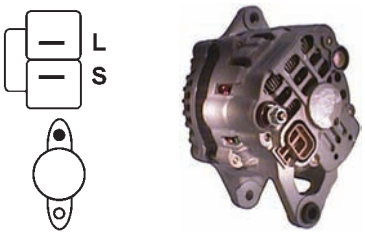


111530 Alternator

Replacing: 4671041; 4686106; 4793189; a2t81192; -292; -391; A2T81192ZC; 4793190; A2T81291

Servicing: Chrysler; Dodge; Eagle; Mitsubishi; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 26, **Width of holder arm** 12.30, **Mount. bracket dist.** 54.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR

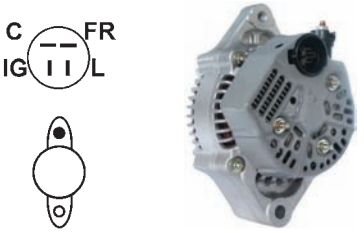


111535 Alternator

Replacing: a1t03292; -391; -392; -791; -792; a1t05792; 23700-ka230; -40; -70; -360; -470; -480

Servicing: Subaru

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 28, **Width of holder arm** 13.00, **Mount. bracket dist.** 67.40, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 36.00, **Rotation** CR

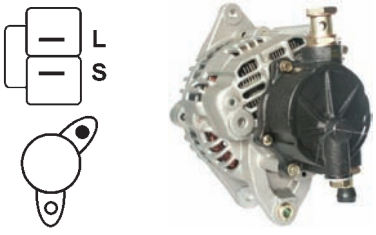


111578 Alternator

Replacing: 31100-pm5-a01; 31100-pm5-a010; -70; 31100-pm8-a01; 31100-pm8-a010; 31100-pw1-g01; ahga03; cha50; -1;

Servicing: Rover; Honda

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.25, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** CR

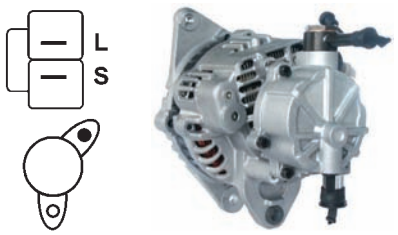


111587 Alternator

Replacing: a2t38676; a2tn0076; a2tn0076a; a3t11278; a3t11278a; md192134; -6; md309843; -4; a2tn2476; md344963

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.00, **Rotation** CR

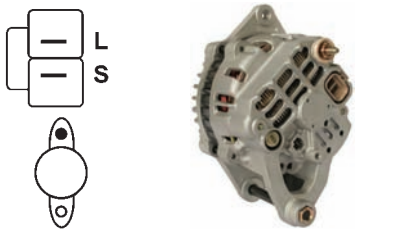


111594 Alternator

Replacing: a2t82899; a2t82899at; -zt; md306649; md366050; 20110236

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.50, **Rotation** CR

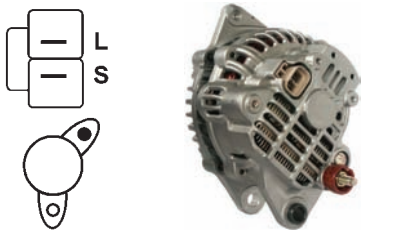


111602 Alternator

Replacing: a5t02477; -577; a5t02577x; FEHE-18-300; F2J4-18-300B; F2JU-18-300A

Servicing: Mazda

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 65.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.50, **Rotation** CR, **Terminal** W



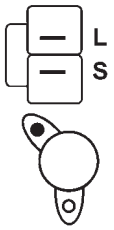
111626 Alternator

Replacing: a3ta3098; a3ta3098a; md200695; me200695; me201745; -837; me202755; a3t09198; 20130191; lra0468

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 13.20, **Mount. bracket dist.** 54.60, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



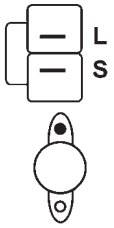


111627 Alternator

Replacing: a3t11191; md188242

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 46, **Width of holder arm** 13.00, **Mount. bracket dist.** 49.60, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 32.00, **Rotation** CR



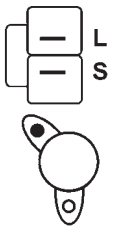


111704 Alternator

Replacing: lr165-711; lr165-711b; lr170-746; lr170-746b; -c; -e; -f; -g; -j; -k; -m; -8b; lr170-750; lr170-750b

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.45, **Rotation** CR



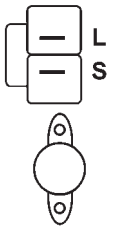


111726 Alternator

Replacing: lr180-741; lr180-741b; -h; a2t82491; a2t82491a; a2ta0491; a2ta4091; a2ta4091a; -2a; -2b; a2tb3691; 2

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR



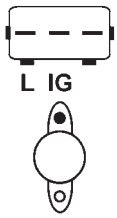


111747 Alternator

Replacing: a3t03099; 23100-22j10; 20130146

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.50, **Rotation** CR



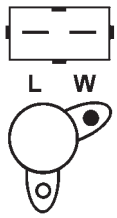


111779 Alternator

Replacing: a5ta6191; 101211-0722; -3; 102211-5020; -280; 31400-60g10; -1; -2; -3; 31400-83e00; 101211-0720; 102

Servicing: Suzuki; Mercedes-Benz

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.70, **Rotation** CR



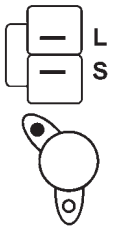


111797 Alternator

Replacing: 1017500; 98vb10k359ba; -b; -c; 98vp10k359ba; -b; a3tn1791; 20110381; 1086299

Servicing: Ford

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.30, **Mount. bracket dist.** 82.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 32.50, **Rotation** CR, **Terminal** W



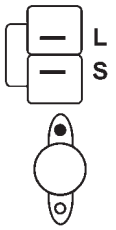


111806 Alternator

Replacing: a3ta0791; a3ta0791a; md313395; md350608; 20110234

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.80, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 25.00, **Rotation** CR



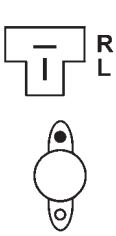


111807 Alternator

Replacing: Z505-18-300A; a2t39391; a2t80391; a2t83491; a2t83491a; a2ta1191; a2ta3991; a2ta5891; 10464206; -388;

Servicing: Mazda; Kia

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR



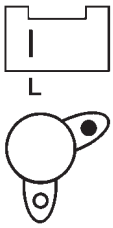


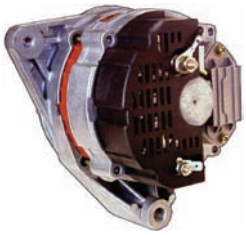
111832 Alternator

Replacing: a0t25271; -371; -373; mm435081; -752; mm438844

Servicing: Mitsubishi

V. 12, **Amp.** 40, **B+ / position** M5, **B+ position in min** 5, **Width of holder arm** 16.75, **Mount. bracket dist.** 41.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



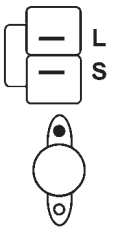


111841 Alternator

Replacing: 0120489467; -76; 95624961; 95632024; 9602174480; 11.201.060; -624; aak1111; aak3515; a1t02674; a1t02

Servicing: Citroen; Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 57, **Width of holder arm** 55.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 95.50, **Rotation** CR



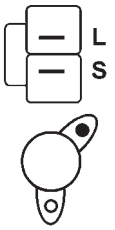


111871 Alternator

Replacing: a3ta2799; a3ta2799a; 23100-0y710; 20130171; a3ta2699

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.25, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 57.75, **Rotation** CR



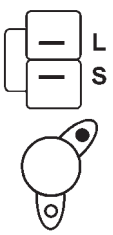


111872 Alternator

Replacing: a2tn0399; -499; a2tn0499zt; md304129; md313939

Servicing: Mitsubishi

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.90, **Rotation** CR



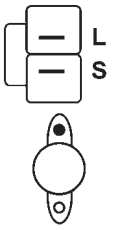


111952 Alternator

Replacing: a3t11678; a3t11678a; a3tn1578; a3tn1578a; md192135; md344964

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.50, **Rotation** CR



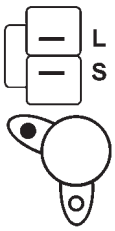


111953 Alternator

Replacing: a5t05473; a5t05473a; -b; 23100-47n70

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.75, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.35, **Rotation** CR



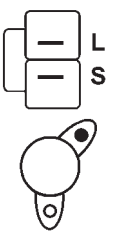


111954 Alternator

Replacing: a4t01893; a4t03091; md160540; md197469

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 39, **Width of holder arm** 17.50, **Mount. bracket dist.** 55.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 23.80, **Rotation** CR



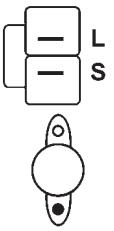


111956 Alternator

Replacing: a3t09199; -699; me200696; -8; 20130169; a3t09698; ME202971; me201838; a3tb1299; lra0469; a3t08699

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.00, **Rotation** CR



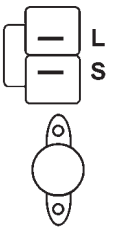


111959 Alternator

Replacing: a2t33891; a2t33891zc; a2t33892; a2t39291; FS11-18-300; FS11-18-300A; BPD3-18-300; a2tb5891; a2tb5891

Servicing: Ford; Mazda

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR





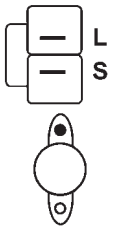
111966 Alternator

Replacing: a3t05192; 23100-31p10

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.25, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



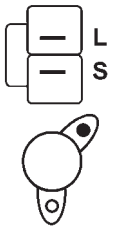


112031 Alternator

Replacing: a2t37291; a2t39091; a2ta7691; 23700-aa230; -80; -90; a2ta7591; 23700-aa202

Servicing: Subaru

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR



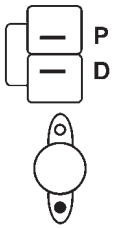


112065 Alternator

Replacing: a2tn0299; a2tn1299; md314235; md332546; md334546; A2TN1299ZT

Servicing: Mitsubishi

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 56.00, **Rotation** CR



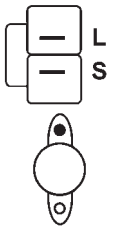


112067 Alternator

Replacing: fp34-18-300c; a2tb0191; a2tb0191a; -b; FP34-18-300; FP34-18-300A; -B; lr180-766

Servicing: Mazda

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 12.50, **Mount. bracket dist.** 69.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR



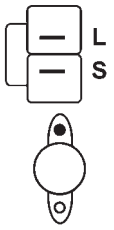


112068 Alternator

Replacing: a7t03371; a7t03371a; 23100-50k10; 20140101

Servicing: Tcm; Nissan

V. 12, **Amp.** 35, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.25, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



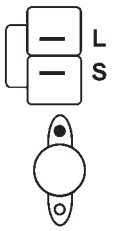


112069 Alternator

Replacing: a7t03771; a7t03771a; 23100-50k15; 20140107

Servicing: Nissan

V. 12, **Amp.** 50, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.10, **Mount. bracket dist.** 81.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



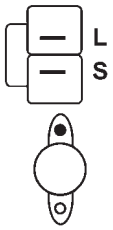


112081 Alternator

Replacing: a2t37976; md192133

Servicing: Mitsubishi; Proton

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.50, **Rotation** CR



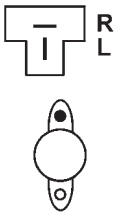


112100 Alternator

Replacing: 92ja10300aa; JE15-18-300; JE34-18-300A; a2t13977; a2t13977x; a2t19677; -777; -877; a2t32899; ab17003

Servicing: Mazda; Mercury

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.30, **Mount. bracket dist.** 66.65, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR



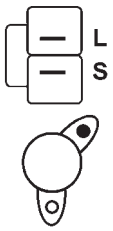


112127 Alternator

Replacing: R229-18-300; R231-18-300; R231-18-300B; a2t27477; a2t27477a; a2t32077

Servicing: Mazda

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.70, **Rotation** CR



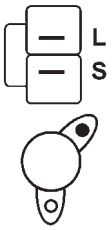


112128 Alternator

Replacing: a2tn1199; a2tn1199at; -zt; a3t15099; md306834; md327514; md366051; 54021851; a3tn0399; -499; md31394

Servicing: Mitsubishi

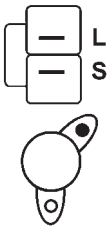
V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.10, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR





112129 Alternator

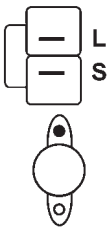
Replacing: a3t07483; md162964; md339609
Servicing: Mitsubishi
V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.65, **Rotation** CR





112205 Alternator

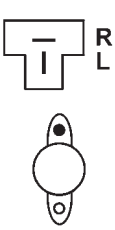
Replacing: a3tn0699; -899; md320354; md334176
Servicing: Mitsubishi; Hyundai
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.10, **Mount. bracket dist.** 54.90, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR





112208 Alternator

Replacing: lr170-702; lr170-702b; a2t48195; a2t48195a; -b; 23100-15p01; -11; -12; -13
Servicing: Nissan
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR





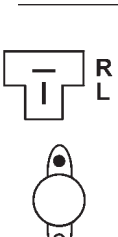
112210 Alternator

Replacing: a2t72383; me017562
Servicing: Mitsubishi
V. 24, **Amp.** 30, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.30, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR




112231 Alternator

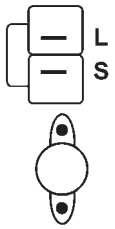
Replacing: 95667750; 9603552680; 9610870980; a3ta0592; a3ta0592c; -d; -e; a4t00891; a4t00891c; -d; -e; a4t02892
Servicing: Citroen; Peugeot; Jeep
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.50, **Mount. bracket dist.** 69.65, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR





112270 Alternator

Replacing: lr135-105; -15; -16; -24; -26; -27; -28; -58b; lr135-74; lr135-74b; lr135-86; lr135-86b; -c; -f; lr1
Servicing: Mazda
V. 12, **Amp.** 35, **B+ / position** M5, **B+ position in min** 20, **Width of holder arm** 13.50, **Mount. bracket dist.** 81.65, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.85, **Rotation** CR





112297 Alternator

Replacing: 219053; kk33318300; a2t05772; a2t05772x; B675-18-300; B675-18-300A; -B; -C; -D; 20100547
Servicing: Mazda; Kia; Mercury
V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.10, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR, **Terminal** W




112298 Alternator

Replacing: 9607641280; 9611366880; 9611369580; 9612257180; 11.201.094; a2t37691; a2t37691a; a2ta0291; a2ta0291b
Servicing: Citroen; Peugeot; Fiat
V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 26.10, **Mount. bracket dist.** 66.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




112299 Alternator

Replacing: 9610601580; 9616862980; 9619333080; 11.201.534; a3ta0591; a3ta0591c; -d; -e; -f; a4t02891; a4t02891a
Servicing: Citroen; Peugeot; Fiat
V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.30, **Mount. bracket dist.** 67.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





112325 Alternator

Replacing: 1053656; 1074633; 91ff10300ja; -b; 95ff10300aa; -b; -c; r95ff10300ac; a2t14592; a2ta2292; 63321257;

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 14.20, **Mount. bracket dist.** 82.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W





112327 Alternator

Replacing: 37300-38310; ab195126; a3ta5491; a3ta7791; a3tb0291; md343416; md358607; md360635; 4851; 20130174; a

Servicing: Mitsubishi; Hyundai; Kia

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.45, **Rotation** CR



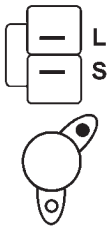


112328 Alternator

Replacing: a2ta5391; a2tb0892; md317862; md343562; A2TA5391ZT; a2ta4991; md317860

Servicing: Mitsubishi

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.10, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR



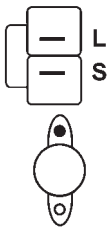


112331 Alternator

Replacing: a3t04999; a3t06099; a3tn0999; md135825; md147246; md332547

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR





112332 Alternator

Replacing: RFJ5-18-300; RFJ5-18-300B; a2t82378; 31400-77e90; 20130184

Servicing: Suzuki

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.70, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.00, **Rotation** CR



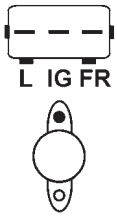


112348 Alternator

Replacing: a3ta4791; md336781

Servicing: Mitsubishi

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 56, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR



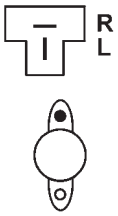


112349 Alternator

Replacing: 31100-p2e-g02; ahga26; -38; -45; a5ta1091; a5ta1091zc; a5ta4791; a5ta5591

Servicing: Honda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** ACR



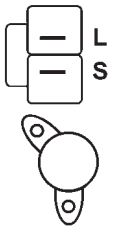


112350 Alternator

Replacing: a3t76682; me017600; a3t76182; me017591

Servicing: Mitsubishi

V. 24, **Amp.** 40, **B+ / position** M5, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00





112352 Alternator

Replacing: WL21-18-300; a2ta6099; a2ta6099a; WL91-18-300; a2ta6099at

Servicing: Mazda; Ford

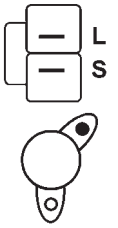
V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 47, **Width of holder arm** 13.10, **Mount. bracket dist.** 76.90, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR





112353 Alternator

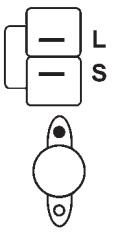
Replacing: a2ta5191; md325696
Servicing: Mitsubishi
V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 13.10, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR





112355 Alternator

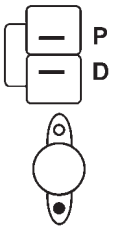
Replacing: a2tn1798; a2tn1798a; a2tn1798at; -zt; md340419; md366052
Servicing: Mitsubishi
V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.10, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR





112359 Alternator

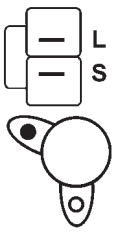
Replacing: a3ta4399; 23100-vb310; -1; 20130175
Servicing: Nissan
V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 12.90, **Mount. bracket dist.** 80.30, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.50, **Rotation** CR





112361 Alternator

Replacing: a3tb0991; FS1E-18-300B
Servicing: Mazda
V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR
ECU controlled





112362 Alternator

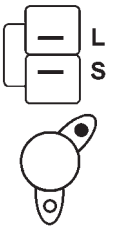
Replacing: a3ta1191; a3ta1191a; md317119; md350609
Servicing: Mitsubishi
V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 17.30, **Mount. bracket dist.** 55.40, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 24.00, **Rotation** CR





112377 Alternator

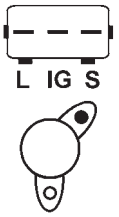
Replacing: f5uu10300ca; a8tu0091; F5UZ10346CA
Servicing: Ford
V. 12, **Amp.** 215, **B+ / position** M10, **B+ position in min** 8, **Width of holder arm** 92.40, **Mount. bracket dist.** 74.00, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR





112418 Alternator

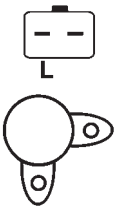
Replacing: 0124325008; md257744; md357744
Servicing: Mitsubishi
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 12.90, **Mount. bracket dist.** 66.40, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR





112427 Alternator

Replacing: 0123525502; 500315943; 0123525500; 2995980; 504028095; a4ta0592; 0123520500; 0123525503; ia9439; 11.
Servicing: Iveco
V. 24, **Amp.** 90, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 57.60, **Fan** IF, **Grooves in pulley** 12, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR





112457 Alternator

Replacing: a2tb6481; 8200120286; 8200373636; a2tv0981; 23100-0q02h; 23100-BN700; tg11c011; 2542664; 23100-00QA1
Servicing: Renault
V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 15.75, **Mount. bracket dist.** 59.50, **Fan** IF, **Pulley** w/o, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112460 Alternator

Replacing: 0124615002; 9621791480; 9639362380; 9645907680; -880; 71716671; a4tf0091a; -b; 9635342080; 2542228;

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.60, **Rotation** CR

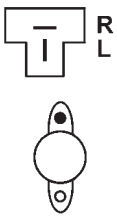



112480 Alternator

Replacing: 9623727380; 9635772880; 71716609; a2tb4891a; -b; 9642880480; 2541971; 2542489; a13vi204; sg10b021

Servicing: Peugeot; Citroen; Lancia; Fiat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 22.00, **Mount. bracket dist.** 46.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR

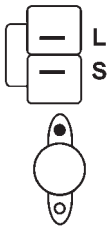



112492 Alternator

Replacing: a7t02071; a7t02071c; -a

Servicing: Cub Cadet; Vetus; Sole Diesel

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 45, **Width of holder arm** 21.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.50, **Rotation** CR

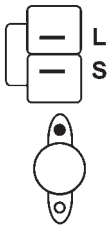



112528 Alternator

Replacing: a5t07591; -2; a5t07592a; md309334; -5; md354806

Servicing: Mitsubishi; Mercedes-Benz

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 12.90, **Mount. bracket dist.** 54.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR

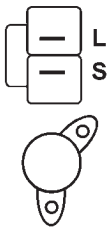



112531 Alternator

Replacing: a2t09291; -392; a2t43691; a2t48691; md102085; md111148; -9; 101211-0560; 327121A1

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **Amp.** 60, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.45, **Rotation** CR




112549 Alternator

Replacing: a3ta1591; md317514

Servicing: Mitsubishi

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 52, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR




112688 Alternator

Replacing: 9617849180; 9624141580; a2ta2094; a2ta2094b; -c; -d; 9631318480; 2541758; 2542254; -358; a13vi231; a

Servicing: Alfa Romeo; Citroen; Peugeot; Lancia; Fiat

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 55.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.50, **Rotation** CR




112703 Alternator

Replacing: 9617843180; 9618946480; 9619916180; a3ta5591; a3ta5591a; 9630080280; 2541760; a14vi13

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.50, **Rotation** CR




112762 Alternator

Replacing: 95656486; 96009847; a2t17491; a13n184; -217; 2541188; -365

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.50, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.50, **Rotation** CR




112771 Alternator

Replacing: 0120469858; -9; -939; md011500

Servicing: Alfa Romeo; Fiat; Lancia

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 14.30, **Mount. bracket dist.** 85.90, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR

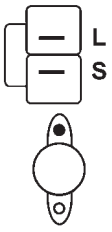



112772 Alternator

Replacing: a4t03491; a4t03491a; a14vi30; -10

Servicing: Citroen; Peugeot; Fiat; Lancia

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 26.70, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.70, **Rotation** CR



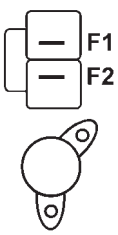


112970 Alternator

Replacing: lr170-701; lr170-701b; -e; 23100-05p00; -1; a2t48176; a2t48176a; -b; 23100-05p11; -2; -3

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



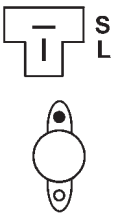


113027 Alternator

Replacing: 4609300; 4609300ac; a3ta4191; a3ta4191zc; A3T14292; 4606622aa; 4996; 421000-0120; 4883; 4609075; 468

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 13.30, **Mount. bracket dist.** 60.25, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.40, **Rotation** CR



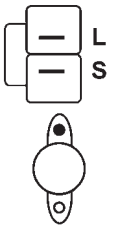


113028 Alternator

Replacing: a4t25172; -91; -99; md022515; md025215

Servicing: Chrysler; Dodge; Plymouth

V. 12, **Amp.** 75, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 53.66, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.25, **Rotation** CR



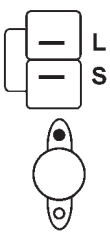


113029 Alternator

Replacing: F02Z-10346-C; -E; -G; gle-290; -303; -306; f288-18-300a; -B; -D; F2F8-18-300; F2F8-18-300C; a2t20091

Servicing: Mazda

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 12.70, **Mount. bracket dist.** 65.60, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR



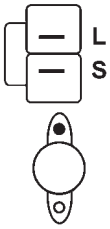


113030 Alternator

Replacing: a5t00777; a5t00777zc; g608-18-300

Servicing: Mazda

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.15, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.90, **Rotation** CR



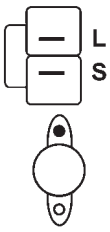


113031 Alternator

Replacing: F02U-10300-AA; F02Z-10346-A; F33U-10300-BA; F33Z-10346-A; GLE-274; -339; a3t00896; a3t00896zc; a3t12

Servicing: Ford; Mercury

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 59, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.70, **Rotation** CR





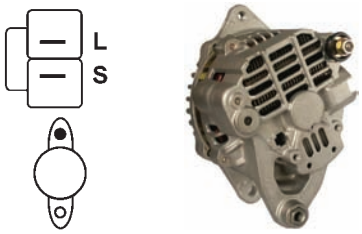
113032 Alternator

Replacing: a2t03477; md110318; a2t02471; md108509; -809

Servicing: Dodge; Mitsubishi

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.10, **Mount. bracket dist.** 55.20, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.75, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

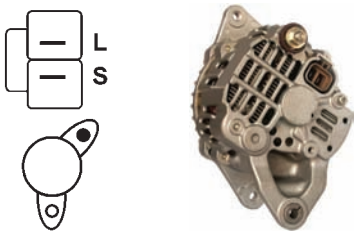


113033 Alternator

Replacing: a3t07592; je48-18-300c

Servicing: Mazda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.35, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 40.50, **Rotation** CR

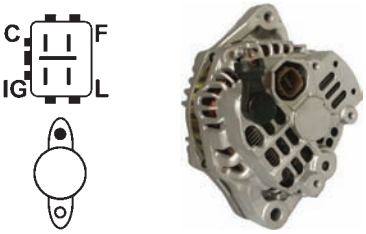


113034 Alternator

Replacing: a2t80591a; a2t80591; a2t80591zc; md194482

Servicing: Mitsubishi; Goldoni

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 79.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR

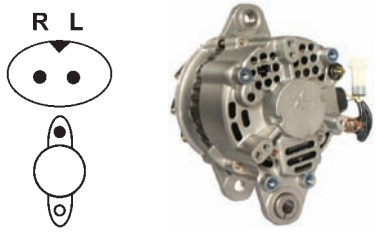


113035 Alternator

Replacing: 31100-p2e-a01; -2; ahga24; a5ta0091; a5ta0991zc; a5ta0991; a5ta4591

Servicing: Honda; Mercedes-Benz

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 51, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.25, **Rotation** CR

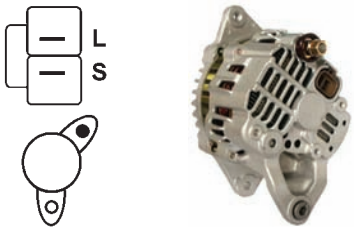


113196 Alternator

Replacing: a2t70772; -84; a2t72185; -9; -883; -985; a2t70987; a2t72999; a2t73387; a2t74385; -36; a2t72986; -186

Servicing: Mitsubishi

V. 24, **Amp.** 30, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.20, **Mount. bracket dist.** 80.35, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.65, **Rotation** CR, **Terminal** W

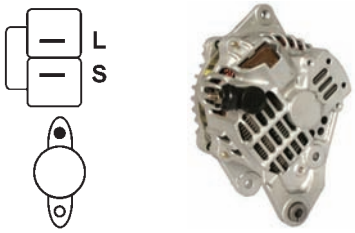


113310 Alternator

Replacing: a2ta2871a; a2ta2871; md354809; md316418

Servicing: Caterpillar; Clark

V. 12, **Amp.** 50, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 79.40, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR

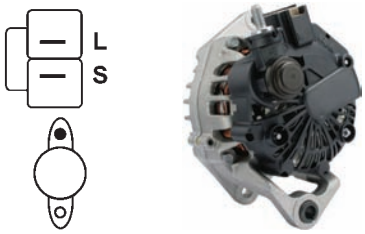


113315 Alternator

Replacing: a2t37391; a2t37391a; a2t37391zc

Servicing: Subaru

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR

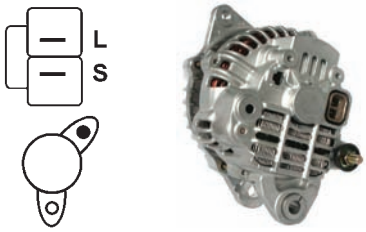


113317 Alternator

Replacing: a2tb3191; lr180-762; -8; 52810-31000; A0002655221; LR180-762B; 113437

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 52, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.20, **Rotation** CR

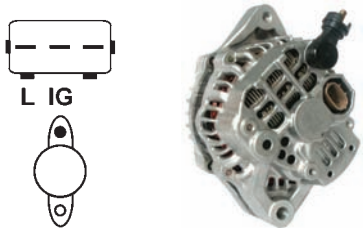


113321 Alternator

Replacing: a3tb1999kd; a3ta4298; a3ta4298a

Servicing: Mitsubishi

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 60.50, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR

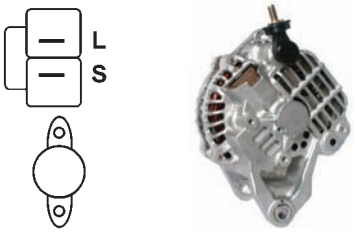


113322 Alternator

Replacing: a5ta3891a; a5ta3891

Servicing: Mercedes-Benz; Suzuki

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.85, **Rotation** CR

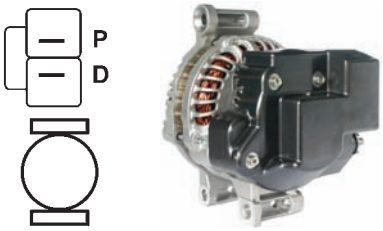


113324 Alternator

Replacing: a3tb0771

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.80, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.20, **Rotation** CR

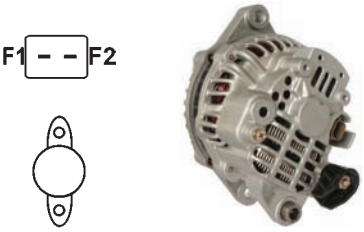


113348 Alternator

Replacing: a3tg0091

Servicing: Mazda

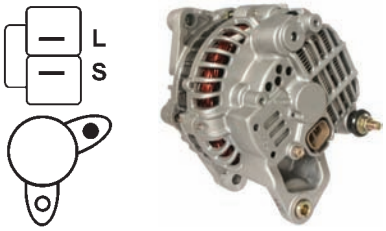
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 60.00, **Mount. bracket dist.** 75.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR



113360 Alternator

Replacing: a2tb1491; 4793692; 4793692ab; a2tb1491zc

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 27, **Width of holder arm** 12.40, **Mount. bracket dist.** 53.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR

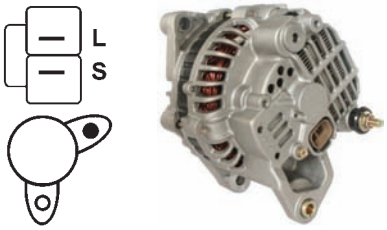


113368 Alternator

Replacing: F3XA10300AB; -C; F3XY10346A; gl-322; gle-328; a4t01192; a4t01192zc; a4t02591zc; 23100-0b000; A4T0259

Servicing: Mercury; Nissan

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 25.30, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR

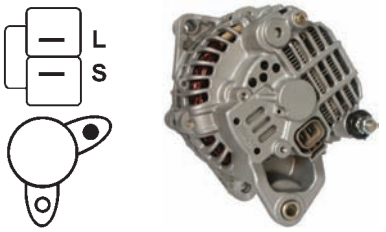


113369 Alternator

Replacing: A3TA1091; F6XA10300AA; -B; F6XZ10346AA; F8XA10300AA; F8XZ10346AA; gl-362; -420; a3ta1091zc; 23100-1b

Servicing: Mercury; Nissan

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 19, **Width of holder arm** 25.45, **Mount. bracket dist.** 80.75, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR

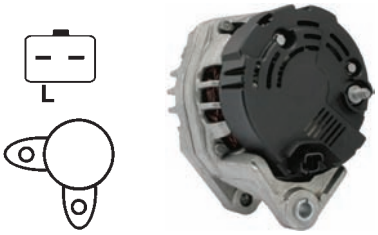


113370 Alternator

Replacing: A3TA5691; gl-421; XF5210300AC; XF5Z10346AA; 23100-7B000; gl421

Servicing: Mercury; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 18, **Width of holder arm** 25.50, **Mount. bracket dist.** 80.65, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 40.85, **Rotation** CR

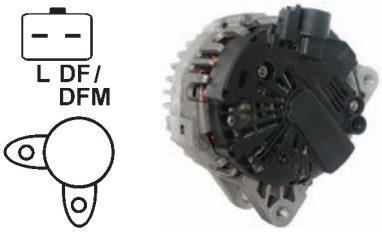


113403 Alternator

Replacing: a11vi110; 2542464; a1ta2293; -1; SG7S012; 2542540

Servicing: Renault; Nissan

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 53.50, **Rotation** CR

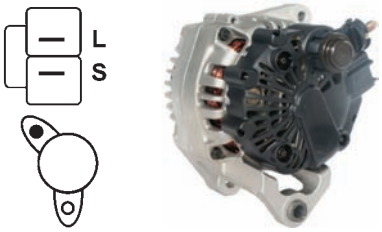


113405 Alternator

Replacing: a11vi99; a11vi106; 63321733; 2542285; a5ta6291; a5ta6291a; -B; SG7S015; A1TA3391A; A1TA3391; A1TA339

Servicing: Peugeot; Citroen

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 21.70, **Mount. bracket dist.** 45.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.



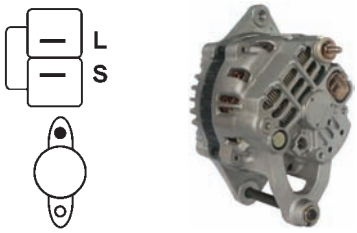
113439 Alternator

Replacing: a2tb0491a; a2tb3891; 23100-bu500; LR190-747; 23100-6J111; A2TB3891KD; 23100-9F511; 23100-4M611; 2541

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.30, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

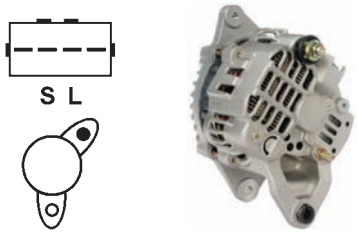


113441 Alternator

Replacing: a5t02677; a5t03477x; -y; a5t03477; -9; a5t02377zc; FEJM-18-300; F268-18-300; G615-18-300

Servicing: Mazda

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR

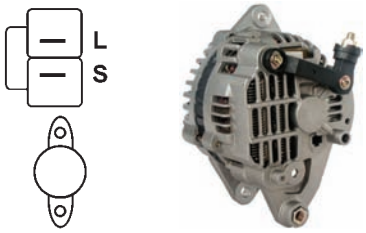


113462 Alternator

Replacing: a2t82792; a2t82792zc; md327535; a2t82791; a2t82791zc; 4017; md310997

Servicing: Eagle; Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 79.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.50, **Rotation** CR

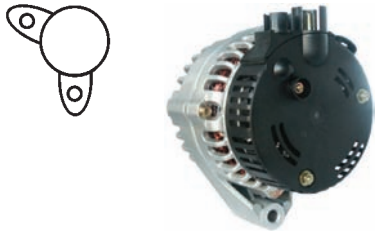


113463 Alternator

Replacing: 10464153; a3t08591

Servicing: Mazda

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 13.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 36.00, **Rotation** CR

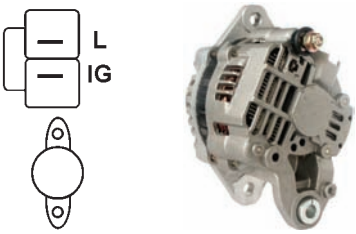


113485 Alternator

Replacing: 0123310010; a2ta1994; a13vi230; -60; a13vi95; 11.203.054; aak5329

Servicing: Citroen; Peugeot; Fiat; Lancia; Suzuki

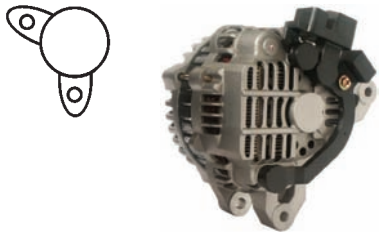
V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR



113497 Alternator

Replacing: a3tn5386; -7; me017614; a3tn5188

V. 24, **Amp.** 35, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 13.30, **Mount. bracket dist.** 81.80, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.50, **Rotation** CR

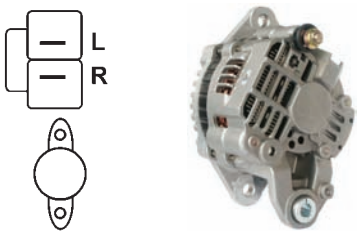


113503 Alternator

Replacing: a3tb0891; A3TB0891A; -b; 9635772980

Servicing: Peugeot; Citroen; Fiat

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 22.20, **Mount. bracket dist.** 45.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR

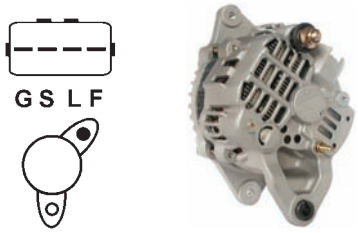


113506 Alternator

Replacing: me017615; a3tn5288

Servicing: Mitsubishi

V. 24, **Amp.** 40, **B+ / position** M8, **B+ position in min** 59, **Width of holder arm** 13.10, **Mount. bracket dist.** 81.60, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W

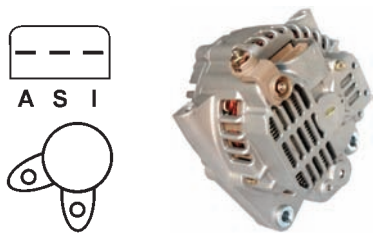


113507 Alternator

Replacing: md313392; a2ta0891; a2ta0891zc; a2ta0892; a2ta0892zc; md327513

Servicing: Eagle; Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 13.90, **Mount. bracket dist.** 80.60, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.55, **Rotation** CR



113553 Alternator

Replacing: A6T41491; F3LU10300BA; -B; -C; F3LY10346A; gle326

Servicing: Lincoln

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 31.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.50, **Rotation** CR



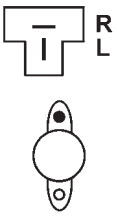


113554 Alternator

Replacing: A6T41591; 4606; f3du10300cb; f3dz10346a; gle327

Servicing: Ford

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 31.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.00, **Rotation** CR



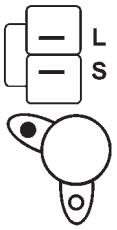


113562 Alternator

Replacing: 185046320; a7t03877; sba185046320

Servicing: Ford; New Holland

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 12.90, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR





113566 Alternator

Replacing: A3T12391; 4886; MD324756; md354816

Servicing: Mitsubishi; Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 16.50, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 24.00, **Rotation** CR





113575 Alternator

Replacing: a13vi236; 2542286; 11.203.709; AAK5740; 9633782680; 2542396; a5ta6391a; 9638275980; A5TA6391C; 96382

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




113603 Alternator

Replacing: a13vi203; sg8b020; 2541970; 2542486; a2tb4791; a2tb4791a; -b; 71716608; 9623727280; 9642880380; 9623

Servicing: Peugeot; Citroen; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** Single, **Width of holder arm** 22.00, **Mount. bracket dist.** 46.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR

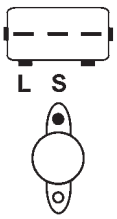



113604 Alternator

Replacing: 9618961480; -680; a2ta2091; a2ta2091d; -e; -f; 9631318280; 2541784; 2542256; -356; a13vi101; -233; -

Servicing: Citroen; Peugeot; Fiat; Lancia

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.70, **Rotation** CR



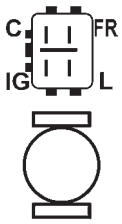


113634 Alternator

Replacing: a2tb2891; a2tb2891zc; 23700-aa370; -a

Servicing: Subaru; Saab

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 47, **Width of holder arm** 13.15, **Mount. bracket dist.** 79.70, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.45, **Rotation** CR





113712 Alternator

Replacing: A2TB7591

Servicing: Honda

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 31.15, **Mount. bracket dist.** 46.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 39.20, **Rotation** CR

113747 Alternator

Replacing: A4T50181; A4TJ0181; 4W7Z10346AC; 4W7310300AC; fw7310346ac

Servicing: Ford

V. 12, **Amp.** 190, **Fan** IF, **Grooves in pulley** 6, **Pulley** Free-wheeling

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

113781 Alternator

Replacing: a3tj0891zc; 6e5t10300ab; -d; 6e5z10346aa; 7e5t10300aa

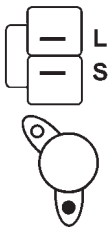
V. 12, **Amp.** 150, **Fan** IF,
Grooves in pulley 6, **Pulley** Serpentine Pulley

113782 Alternator

Replacing: a3tg1192

Servicing: Kenworth; Mitsubishi

V. 12, **Amp.** 110, **Fan** IF,
Grooves in pulley 6, **Pulley** Serpentine Pulley





113785 Alternator

Replacing: A2TB1299; a2ta1099; a2ta1099a; a2tb1298; WL11-18-300; WL11-18-300A; rfis-18-300

Servicing: Mazda

V. 12, **Amp.** 80, **B+ / position** M8,
B+ position in min 50,
Width of holder arm 12.80,
Mount. bracket dist. 64.00, **Fan** IF,
Grooves in pulley 2, **Pulley** Double Pulley,
Pulley distance 41.50, **Rotation** CR

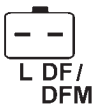


113832 Alternator

Replacing: 0123315015; md325700; md327551; md330800; 0123315018; 0124325010; md353869; md313076; 0123315008; -1

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M8,
Mount. bracket dist. 65.00,
Grooves in pulley 4, **Pulley distance** 46.00, **Rotation** CR

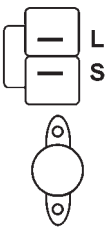


113872 Alternator

Replacing: a5ta6392; 9649611780; SG8B022; SG9B064; -7; 2542428; 9638543680; a13vi282; 2542923; 9656956280; tg9b

Servicing: Peugeot; Citroen

V. 12, **Amp.** 80, **B+ / position** M8,
B+ position in min 19,
Width of holder arm 22.00,
Mount. bracket dist. 45.50, **Fan** IF,
Grooves in pulley 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.





113886 Alternator

Replacing: a4tu5485; -6

V. 24, **Amp.** 50, **B+ / position** M6,
B+ position in min 55,
Width of holder arm 13.00,
Mount. bracket dist. 70.00, **Fan** EF,
Grooves in pulley 3, **Pulley** Serpentine Pulley, **Pulley distance** 60.00, **Rotation** CR

Miscellaneous

113897 Starter

Replacing: 23300-00QA0; 8200251007; 8200285128; 8200306595; 8200584675; m0t87881; 8200399594; M0T21471;

V. 12, **kW.** 1.2

Trucks / coaches



113551 Starter

Replacing: m8t70971; 1c010-63010; -1

Servicing: Kubota

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 258.00, **O1** 105.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



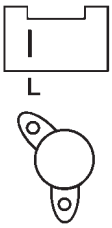


110043 Alternator

Replacing: 0120489192; -702; 9120144111; -4; -8; -9; 2998056; 19025075; 11.201.807; aak3117; 510-289; 9ar3868g;

Servicing: Scania; Renault V.i.; Pegaso; Hanomag

V. 24, **Amp.** 45, **B+ / position** M6,
B+ position in min 45,
Width of holder arm 80.00, **Fan** w/o,
Pulley w/o, **Rotation** CR, **Terminal** W



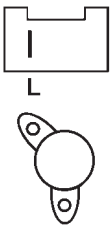


110048 Alternator

Replacing: 0120489779; 510-834; 9ar2775; a13n3m; a13n57m; 70229002; 71273402; 71427002; -12; 71470402; -602; 71

Servicing: Volvo Penta; Renault; Farymann

V. 12, **Amp.** 35, **B+ / position** M6,
B+ position in min 40,
Width of holder arm 51.00, **Fan** EF,
Insulator D, **Pulley** w/o, **Rotation** CR
Pos. or neg. ground





110052 Alternator

Replacing: 510-804; -17; 9ar2713; 9ar3713g; a13n270; 71249002; 71340002; 71490502; -702; -802; 71491002; 715430

Servicing: Volvo Penta; Baudouin; Daf

V. 24, **Amp.** 40, **B+ / position** M6,
B+ position in min 40,
Width of holder arm 50.75, **Fan** EF,
Insulator D, **Pulley** w/o, **Rotation** CR,
Terminal W
Pos. or neg. ground




110076 Alternator

Replacing: 510-445; 9ar6025k; a14n133; a14n39; -r33; 354858; 357736; 371972; 410676; 571505; -6; 2960250

Servicing: Scania; Pegaso

V. 24, **Amp.** 55, **B+ / position** M6,
B+ position in min 5, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR,
Terminal W




110077 Alternator

Replacing: 0120300560; 0120339524; -5; 510-249; 9ar2799; 9ar2799g; 2927990; 0120300530; -1; 1204110

Servicing: Opel; Citroen; Peugeot; Vauxhall; Case; Fendt; Goldoni; Deutz-fahr

V. 12, **Amp.** 50, **B+ / position** M6,
B+ position in min 56,
Width of holder arm 56.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 78.50, **Rotation** CR

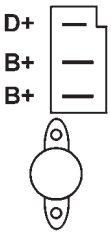



110105 Alternator

Replacing: 0120300535; -45; 0120488218; -90; 0120489703; -4; 11.201.929; al28516; al35998; al67175; -6; az28516

Servicing: John Deere

V. 12, **Amp.** 55, **B+ / position** M5,
B+ position in min 50,
Width of holder arm 56.00, **Fan** EF,
Grooves in pulley Single, **Pulley** w/o,
Pulley distance 83.30, **Rotation** CR





110107 Alternator

Replacing: lr150-190; -1; 24033; -124; -204; 1699872m1; -r1; 432984qo; 510-187; -298; -299; -300; -301; -315; -

Servicing: Massey Ferguson

V. 12, **Amp.** 55, **B+ / position** 6.3,
B+ position in min 17,
Width of holder arm 27.00, **Fan** w/o,
Pulley w/o




110112 Alternator

Replacing: 0120489643; 9120080114; 2998054; 19025074; 0051548202; 510-347; -8; 9ar3921g; 71554102; 2937390; 293

Servicing: Volvo; Volvo Penta

V. 24, **Amp.** 40, **B+ / position** M6,
B+ position in min 10,
Width of holder arm 51.00, **Fan** w/o,
Pulley w/o, **Terminal** W




110113 Alternator

Replacing: 0120400774; 0120489221; -5; -31; -84; -727; -728; 11.201.047; -151; -360; aak1125; -53; -205; aak417

Servicing: Mercedes-Benz

V. 24, **Amp.** 27, **B+ / position** M6,
B+ position in min 10,
Width of holder arm 80.00, **Fan** EF, **Pulley** w/o, **Rotation** ACR




110116 Alternator

Replacing: 0120400796; 0120488208; 0120489230; -684; -827; 2998055; 0120488273; -89; 0120489053; 510-397; a13n3

Servicing: Man; Renault; Daf; Ford

V. 24, **Amp.** 35, **B+ / position** M6,
B+ position in min 45,
Width of holder arm 80.25, **Fan** w/o,
Pulley w/o, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

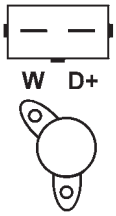



110117 Alternator

Replacing: 510-427; 9ar6012; 9ar6012g; 0120489731; 01162135; ia9434; 11.209.447; aak1854

Servicing: Iveco; Steyr; Magirus-deutz

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 56.50, **Fan** EF, **Pulley** Double Pulley, **Rotation** CR



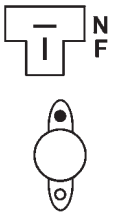


110127 Alternator

Replacing: 0120400778; 11.201.938; 510-803; -16; -18; -19; 9ar2712p; -38p; -40p; -41p; 70229702; 71427052; -102

Servicing: Volvo Penta; Farymann

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 79.00, **Rotation** CR, **Terminal** W
Pos. or neg. ground





110131 Alternator

Replacing: lt145-42; lt150-04; lt150-122; -3; lt150-123b; lt150-125; lt150-13; -8; lt150-188; lt150-19; -22; lt

Servicing: Isuzu; Nissan; Chevrolet

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 40.75, **Rotation** CR




110163 Alternator

Replacing: 11.201.789; aak4591; 443113516866; 510-388; 9ar3806g; 9ar3961; a13n140; a13n140t; a13n229t; a13n22t;

Servicing: Renault V.i.

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 27.25, **Mount. bracket dist.** 67.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 48.75, **Rotation** CR, **Terminal** W




110173 Alternator

Replacing: 8lha2012no; 8lha3025pa; 110-124; -8; -276; -296; -297; -409; -440; -446; -466; 8lha3025p; -71p; 8sa3

Servicing: Daf; Clark

V. 24, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 14.50, **Mount. bracket dist.** 101.50, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR




110175 Alternator

Replacing: 8sc3002y; 110-158; -83; -298; -302; -316; 8sc3002u; -3u; -11u; -14u; -15u; -19u; 44-4021; 10-298; 8S

Servicing: Volvo Penta

V. 24, **Amp.** 100, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.75, **Mount. bracket dist.** 99.75, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W
Pos. or neg. ground.Fan: Cargo 134317,Pulley: cargo 131176




110176 Alternator

Replacing: 8sc3005y; 110-184; -258; -569; 8sc3005v; -9z; 8sc3009za; 8sc3029z

Servicing: Volvo Penta

V. 24, **Amp.** 175, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 14.75, **Mount. bracket dist.** 101.50, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W
Pos. or neg. ground.Pulley :Cargo 131176

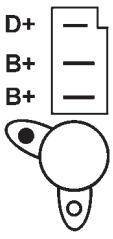



110177 Alternator

Replacing: 3603860rx; 8ha2008; 110-303; -4; -542; -543; 8ha2009k; 4117d21g01; -2; 44-6257; -66

Servicing: Thermo King

V. 12, **Amp.** 51, **B+ / position** 1/4" UNC, **B+ position in min** 37, **Width of holder arm** 27.25, **Fan** EF, **Pulley** w/o, **Rotation** CR
Regulator: Cargo 130679



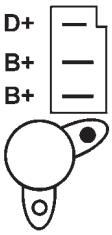


110178 Alternator

Replacing: 0120339502; 0120389502; -3; 9120331502; -901; -913; 516011; alp12n-2; alt12n-14; -39; 1504563; 15371

Servicing: Case; Ford; Austin; Land Rover; Triumph; Mg; Morris; Talbot; Vauxhall; Bedford; New Holland; Massey

V. 12, **Amp.** 36, **Width of holder arm** 10.00, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR





110179 Alternator

Replacing: 86bb10300db; 23568; -74; -76; -83; -85; -91; -92; -600; -609; -611; -624; -626; -629; -631; -632; -6

Servicing: Triumph; Ford; Vauxhall; Land Rover; Ldv International; Bedford; Case; Jaguar; Mercury; Lotus

V. 12, **Amp.** 36, **B+ / position** Plug, **B+ position in min** 20, **Width of holder arm** 9.75, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR

For Fan with 17 mm bore use bushing: Cargo 134894

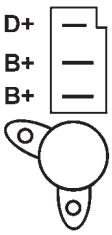



110350 Alternator

Replacing: 19025772; a124-15; a124-44s; als12-81; 11.201.294; aak4128; 2105-3701005; -10; 222-3701005; -10; kat

Servicing: Lada; Fiat

V. 12, **Amp.** 44, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.50, **Mount. bracket dist.** 60.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR





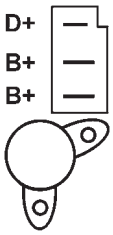
110357 Alternator

Replacing: 0120400746; 0120489008; -9; -10; -11; -520; -600; -622; -771; -820; -821; -831; 11.201.078; aak1122;

Servicing: Audi; VW; Alfa Romeo; American Motors

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.20, **Fan** w/o, **Pulley** w/o, **Rotation** CR

Fan: Cargo 133875



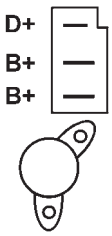


110358 Alternator

Replacing: 0120400858; -9; 0120489061; -526; -527; -556; -683; -917; -918; -933; 9120144269; -70; 516055; 11.20

Servicing: Seat; Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.50, **Rotation** CR





110360 Alternator

Replacing: 0120489012; -3; -76; -557; -558; -581; -745; -791; -799; -800; -861; -862; -863; -864; -865; -866; -

Servicing: Audi; VW; Deutz-fahr

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR




110371 Alternator

Replacing: 9127041233; -41; -42; 30-00349-01; 30-00363-00; -3; 30-00393-00; -2; 30-00423-00; 30-50307-00; 8ar65

Servicing: Carrier Transicold; Kubota

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Rotation** CR, **Terminal** W

w/ Mounting Kit




110408 Alternator

Replacing: 30-00171-00; -11; 30-00228-00; 30-00306-00; -2; -3; -4; -5; 30-00351-00; -2; -3; -4; -5; 8al2040fs;

Servicing: Thermo King; American Motors; Jeep

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




110487 Alternator

Replacing: 8ek2003fc; -d; -4de; -6fc; -8fc; 8ek2011fa; -b; -c; 110-399; 8ek2003fa; -b; -4da; -4db; -4dc; -6fa;

Servicing: Thermo King

V. 12, **Amp.** 37, **B+ / position** 1/4" UNF, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Pulley** w/o, **Rotation** CR



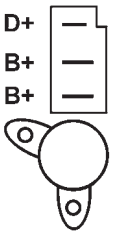

110488 Alternator

Replacing: 8ek2005nd; -7nc; 8ek2012nb; 110-400; -600; 8ek2005na; -b; -7na; -7nb; 8ek2010na; 8mr2185l; 2d72787g0

Servicing: Thermo King

V. 12, **Amp.** 65, **B+ / position** 1/4" UNF, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Pulley** w/o, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



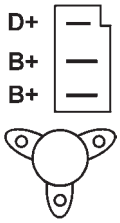


110726 Alternator

Replacing: 0120400744; 0120489500; -1; -19; -32; -46; -678; -698; -699; 23888; 9ar2511f; -9f; -24f; 028903023a;

Servicing: Audi; VW; Daf

V. 12, **Amp.** 35, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.40, **Fan** w/o, **Pulley** w/o, **Rotation** CR





110735 Alternator

Replacing: 0120400722; -3; 0031546102; 9al2834; A0031546102

Servicing: Mercedes-Benz; Audi; Lamborghini

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.80, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 76.00, **Rotation** CR
Regulator: Cargo 130675



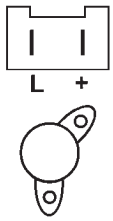


110743 Alternator

Replacing: 5491319; 95618728; 7532; ald12n-53; aln12-1; 11.201.021; aag0702; 9al2696g; a11m12; a11m6; 5446241;

Servicing: Citroen

V. 12, **Amp.** 30, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 61.00
Regulator: Cargo 130679



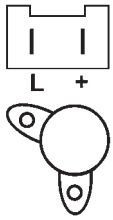


110744 Alternator

Replacing: 516017; -24; 9ar2778k; 9ar2945k; a13n13; -4; a13r221; -2; 7700662371; -415; 7700758336; 7701499495;

Servicing: Renault; Volvo; Daf

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 26.58, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.25, **Rotation** CR



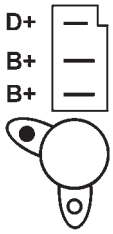


110754 Alternator

Replacing: 516025; -33; -47; als12x-26; -76; 11.201.370; aak4183; 9ar2659k; 9ar2936p; a13n113; -50; a13n20; a13

Servicing: Renault

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.90, **Rotation** CR





110759 Alternator

Replacing: 0120400704; -5; -814; 0120489087; -508; -509; -511; -536; -561; -562; -616; -803; -804; -894; -940;

Servicing: Ford; Austin; Mercury

V. 12, **Amp.** 35, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.65, **Mount. bracket dist.** 79.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.15, **Rotation** CR



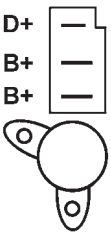


110766 Alternator

Replacing: 0120400694; -790; -791; 0120488224; 0120489023; -707; -730; 11.201.052; -574; aak1115; -352; 81.2610

Servicing: Iveco; Mercedes-Benz; Khd; Magirus-deutz; Case; Deutz-fahr; Liebherr; Atlas Copco

V. 24, **Amp.** 27, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 56.25, **Fan** w/o, **Grooves in pulley** Single, **Pulley** w/o, **Pulley distance** 78.85, **Rotation** CR, **Terminal** W





110767 Alternator

Replacing: 0120489966; -7; 9ar5046g; 068903017; 068903017x; -25c; -27p

Servicing: Audi; VW

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 56.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 109.00, **Rotation** CR, **Terminal** W





110769 Alternator

Replacing: 91510299; 510-148; 9ar2672p; -90p; 555782; 557082; a13n239; 2940426

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** Single, **Width of holder arm** 27.10, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.50, **Rotation** CR




110876 Alternator

Replacing: 12311266660; 12311267401; -61; 12311270901; 12311276269; 12311277229; -503; -581; 0120489030; -1; -4

Servicing: BMW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 56.11, **Fan** EF, **Pulley** Pulley, **Pulley distance** 75.85, **Rotation** CR

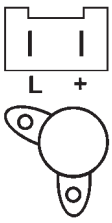



110877 Alternator

Replacing: 12311276139; 12311277219; -23; -47; -504; 12311285012; 12311286612; 12311362029; -77; -276; -468; 12

Servicing: BMW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 56, **Width of holder arm** 50.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 74.45, **Rotation** CR



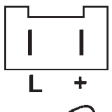


110888 Alternator

Replacing: 5491104; 581208; 9ar2934k; a13n19; -91; 7700666179; 7701349313; 7701499205; -448; 71651802

Servicing: Renault; Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 55.35, **Rotation** CR



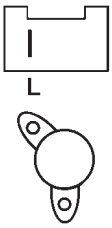



110889 Alternator

Replacing: 9ar2950p; a14n144; -63; a14n4; 5000725698; 5001014181; 6006000076; 7700714313; 7700748171; 770138153

Servicing: Renault; Renault V.i.

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 26.90, **Mount. bracket dist.** 69.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 57.90, **Rotation** CR, **Terminal** W





110897 Alternator

Replacing: 451074; 516021; 9ar2815k; a13n118; a13n32; a13r267; 71652002; 71653102

Servicing: Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 62.00, **Rotation** CR




110908 Alternator

Replacing: 12312240875; 12312241262; 2541139; -300; 2940130

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 46, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.50, **Rotation** CR

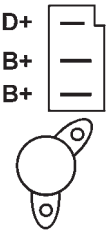



110911 Alternator

Replacing: 0120489653; -4; -7; -9; -735; -759; -760; 63305721; -2; 9ar2588k; -96k; 9ar2780k; 035903015; 0409030

Servicing: Audi; VW; Saab; Peugeot

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.64, **Rotation** CR



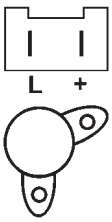


110913 Alternator

Replacing: 0120489016; -7; -77; -81; -262; -712; -773; -774; -868; -869; -870; -871; -872; -873; -980; -981; -9

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 17, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR





110915 Alternator

Replacing: 9120144230; -1; 451055; -8; -9; -75; 516006; -8; -28; 581207; 11.201.208; aak1176; 9ar2660k; -95k; 9

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.87, **Rotation** ACR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

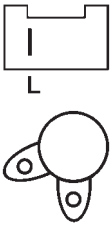



110916 Alternator

Replacing: 9120144242; -3; 95619190; 514005; 510-847; 9ar2687f; -g; 9ar2728f; -g; 9ar2982; a12r36; -7; 71636402

Servicing: Citroen; Peugeot; Talbot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 39.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.00, **Rotation** CR



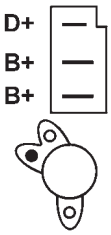


110917 Alternator

Replacing: 0120489277; -8; -945; -946; 9150870780; 514007; 9ar2859; 555797; 557097; a12r44; 71652702; 2928590

Servicing: Peugeot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.00, **Rotation** CR





110919 Alternator

Replacing: 0120489195; -6; -248; -249; 11.201.438; -9; aak3543; -4; 9ar2977l; 9ar5030l; -88l; -99l; 049903017a;

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 97.45, **Rotation** CR

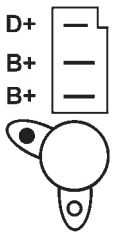



110925 Alternator

Replacing: 0120400838; -9; 0120489114; -5; -627; -628; 014; -32; -35; -58; 3472014; -32; -35; -58; 9ar2619g; 12

Servicing: Opel; Vauxhall; Saab

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR



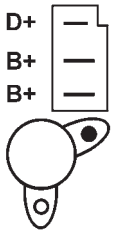


110968 Alternator

Replacing: alt2n-14; alf12-18; alt12n-13; alt12n-2; 11.201.470; aak1133; 23686; -749; -764; -785; -832; -882; -

Servicing: Austin; Rover; Nissan; Mg; Case; Dronningborg; Valmet

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR



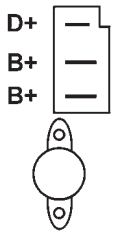


110969 Alternator

Replacing: alp12n-1; 23582; -667; -696; -723; -786; -826; -935; 24044; -64; 54021953; -88; 54022137; 60021012;

Servicing: Land Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 38.00, **Rotation** CR

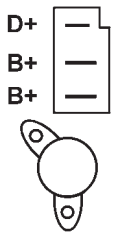



110970 Alternator

Replacing: 11.201.095; aag1310; 66021147; nab302; 510-38; -9; -56; 9ar2510; -47; 9ar2547f; 9ar2548; 9ar2548k; 9

Servicing: Massey Ferguson

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 27.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 58.00, **Rotation** CR





110974 Alternator

Replacing: 0120400782; -840; -841; 0120489108; -9; -629; -630; 002; -27; -28; -57; -272; 3472002; -27; -28; -57

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 86.25, **Rotation** CR




110987 Alternator

Replacing: 12311277230; -2; -49; -502; 12311361373; -4; -823; -824; 0120489044; -57; -58; -613; -614; -615; -66

Servicing: BMW; Audi; Saab; Mercedes-Benz

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.85, **Rotation** ACR

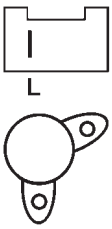



110990 Alternator

Replacing: 0120469514; -5; -34; -35; -45; -46; -48; -55; -56; -57; -58; 9ar2796; 2940357; -657; 035903015d; -g;

Servicing: Audi; VW; Porsche

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 52, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 83.40, **Rotation** CR



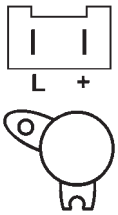


110992 Alternator

Replacing: 516004; -41; 9ar2757k; a13n47; a13r220; -63

Servicing: Talbot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 30, **Width of holder arm** 36.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 87.85, **Rotation** CR



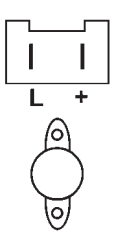


111071 Alternator

Replacing: 95494135; -7; 95495989; 95653974; 451068; 516013; -5; 9ar2730p; -1r; 9ar2872p; -4r; 555799; a14n1; -

Servicing: Citroen; Peugeot

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 35.90, **Mount. bracket dist.** 53.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 61.85, **Rotation** ACR



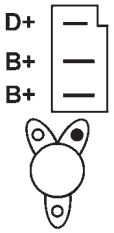


111072 Alternator

Replacing: 9120144283; -4; 451076; 9ar2676k; 9ar2948k; a13n139; a13n63; -5; -87; a13r228; -60; -69; 7700665612;

Servicing: Renault; VW

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 26, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.40, **Rotation** CR



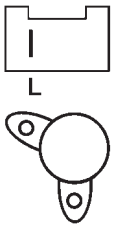


111074 Alternator

Replacing: 0120489203; 9ar2973; -4; 9ar5084l; 036903017e; -23r; -23t; 068903023r; -7b; 0120489238; -9; 06890301

Servicing: VW

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.40, **Rotation** CR



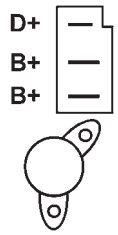


111075 Alternator

Replacing: 0120489193; -4; 95495512; 95607232; 95619192; 512010; 516039; -51; 11.201.255; aak4104; 9ar5062k; 55

Servicing: Citroen; Peugeot; Talbot; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.50, **Rotation** CR



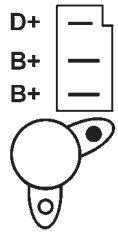


111083 Alternator

Replacing: 0120489260; -1; -559; -560; -746; -747; 11.201.077; aak1102; -18; -44; 9ar2517k; -27k; 9ar5044k; 036

Servicing: Audi; VW; Ford

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 60, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.15, **Rotation** CR





111086 Alternator

Replacing: 0120339504; -19; 0120400808; -9; -72; -73; 0120489050; -2; -4; -98; -99; -100; -101; -105; -287; -42

Servicing: Ford; Austin; Rover; Mg; Mercury

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 83.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.60, **Rotation** CR



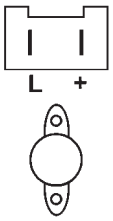

111141 Alternator

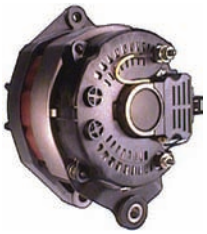
Replacing: 0120400700; 0120488282; 0120489032; -315; -725; -726; -757; 11.201.097; -685; aak1130; aak4549; 0051

Servicing: Mercedes-Benz; Man

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 80.30, **Fan** w/o, **Pulley** w/o, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



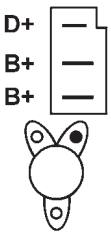


111144 Alternator

Replacing: 75491911; 75492505; 95494138; 95580176; 95598734; 95619682; 95635804; 516016; 510-312; 9ar2870p; a14

Servicing: Renault; Citroen; Talbot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 64.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.15, **Rotation** CR





111150 Alternator

Replacing: 0120489200; -5; -8; 510-201; -22; 9ar2970g; -1k; 9ar5083g; 9ar5100g; 2950830; 036903017c; 068903017g

Servicing: Opel; VW

V. 12, **Amp.** 70, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 99.00, **Rotation** CR

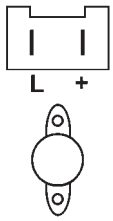



111156 Alternator

Replacing: 0120489189; -90; -358; 9ar2998p; a14n23; -36; -78; -79; -r23; -r41

Servicing: Peugeot; Talbot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 64.30, **Rotation** CR



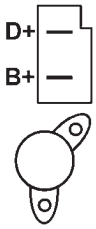


111171 Alternator

Replacing: aak3565; 9ar2933p; a13n171; a13n62; a14n53; -62; 7700754835; 7700793594; 7701351762; 7701499440; 254

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.65, **Rotation** CR, **Terminal** W



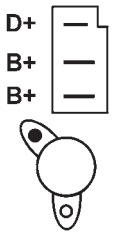


111180 Alternator

Replacing: 0120339515; -6; -27; -28; 19025042; -63; 10590; 4474729; -52; 4475266; -8; 46231680; 4998353; 771454

Servicing: Fiat; Zastava; Lamborghini; Same; Fiat-Allis

V. 12, **Amp.** 33, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 25.00, **Mount. bracket dist.** 74.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR





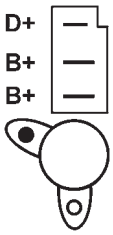
111185 Alternator

Replacing: 23573; -617; -622; -677; -684; -691; -693; -709; -719; -721; -737; -751; -756; -759; -765; -766; -76

Servicing: Ford; Austin; Rover; Land Rover; Vauxhall; Morris; Mg; Ldv International; Case; Massey Ferguson; Tri

V. 12, **Amp.** 43, **Width of holder arm** 9.80, **Mount. bracket dist.** 81.00, **Fan** IF, **Pulley** w/o, **Rotation** CR

For pulley w/17 mm bore: use bushing 134894



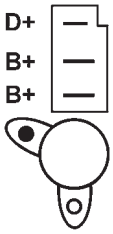


111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W



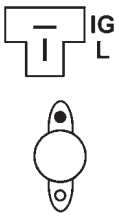


111362 Alternator

Replacing: 0120489290; -345; 82fb10300ea; 85bb10300da; 86ab10300eb; 86ax10300ab; -db; 87bb10300ba; 24215; -49;

Servicing: Ford; Austin; Land Rover; Mg; Valmet

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 11.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.50, **Rotation** CR, **Terminal** W





111408 Alternator

Replacing: N318-18-300; N320-18-300; N326-18-300; N337-18-300; N344-18-300; a2t04474; a2t06274; a2t07474; a2t47

Servicing: Mazda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.85, **Rotation** CR, **Terminal** W




111419 Alternator

Replacing: 0120469549; -890; 4757192; -3; -4; 4844266; 0120469634; 11.201.555; aak4507; 4757193; -4; 4738026; 4

Servicing: Iveco; Fiat-Allis; Allis Chalmers; Benfra; Laverda

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 17.45, **Mount. bracket dist.** 62.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 50.00, **Rotation** CR, **Terminal** W




111510 Alternator

Replacing: 510-845; -60; -64; 9ar3855g; 9ar3959g; 9ar6000; 2960000; 66021593; 47020090; 9AR3855; 9ar6000g; 4702

Servicing: Ford; Perkins

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 10.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W




111528 Alternator

Replacing: 11.201.937; 2940060; 592601; a14n100; a14n112m; -9m; -37m; a14n81m; 2181991; 2541168; 1502272; 84594

Servicing: Volvo; Volvo Bm; Volvo Penta

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 51.50, **Fan** EF, **Pulley** Pulley, **Rotation** CR, **Terminal** W
Dust Proof.




111575 Alternator

Replacing: 8mr2069ta; 110-602; 8mr2069t; 110-402

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W
w/ Adjustable Voltage Regulator

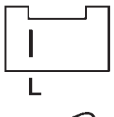



111576 Alternator

Replacing: 822982; 8mr2070ta; 110-603

Servicing: Mercury

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 36, **Width of holder arm** 27.20, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
w/ Adjustble Regulator. Rotor shaft 5/8

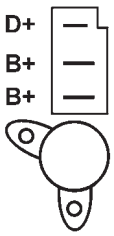



111651 Alternator

Replacing: 9120334310; 95607228; 451066; 516012c; 516014; 46231723; 77612410; 9ar2663k; -73k; 9ar2964k; 555779;

Servicing: Citroen; Peugeot; Fiat; VW

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR



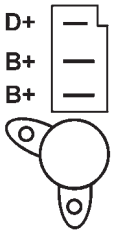


111652 Alternator

Replacing: 0120489002; -3; -4; -6; -7; -9; -10; -11; -521; -713; -714; -732; -971; -972; 9120080118; 11.201.605

Servicing: Audi; VW

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 108.50, **Rotation** CR





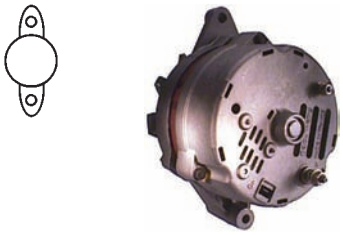
111653 Alternator

Replacing: 0120489014; -5; -62; -858; -859; -860; -892; -893; -987; -988; 9al2615; 9al2708g; 9ar2708g; -27g; -9

Servicing: Audi; VW

V. 12, **Amp.** 45, **B+ / position** 9.7, **B+ position in min** 15, **Width of holder arm** 56.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 108.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

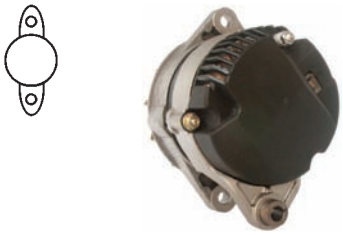


111656 Alternator

Replacing: 0120489116; -7; -766; -767; 023; -6; -37; -48; -59; 3472023; -6; -37; -48; -59; 1204006; -14; -69; -

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR

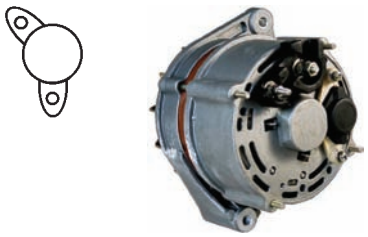


111686 Alternator

Replacing: 0120489018; -136; -152; -153; -212; -219; 19025060; 4765931; -3; -4; 4787668; -71; 4808506; -10; -17

Servicing: Alfa Romeo; Fiat; Lancia; Lamborghini; Laverda; Iveco

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.00, **Mount. bracket dist.** 71.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.50, **Rotation** CR

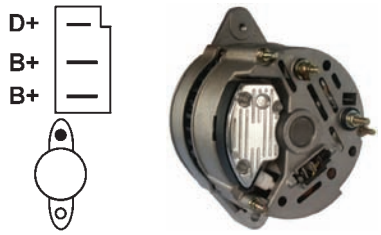


111800 Alternator

Replacing: 0120489341; -3; 070; -188; 3472070; -188; 3493620; 620; 1101199; 11.201.297; aak4131; 1204043; -4; -

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.00, **Rotation** CR, **Terminal** W

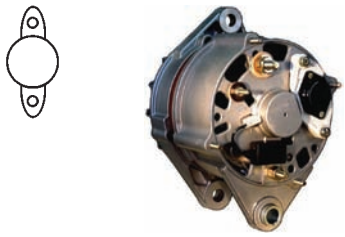


111948 Alternator

Replacing: 23865; 24019; -22; -87; 9ar2553; 9ar2786k; 9ar2851; 9ar2861k; 9ar2862; 9ar2862k; 9ar2944k; 2940772;

Servicing: Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 20, **Width of holder arm** 27.50, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W



112097 Alternator

Replacing: 0120488252; -3; 0120489410; -2; -612; -638; -639; -792; -793; -794; -795; -796; 2998230; 19025044; -

Servicing: Iveco; Allis Chalmers; Astra; Fahr; Laverda

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W



112110 Alternator

Replacing: 510-821; 9ar3649g; 9ar3711; 9ar3711g01; 9ar3743g; -90g; 9ar3947g; -71g

Servicing: Volvo Penta; Baudouin; Sabre; Perkins

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 58.00, **Rotation** CR, **Terminal** W

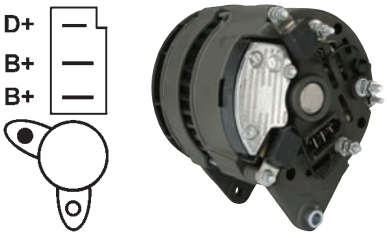


112111 Alternator

Replacing: 510-801; -20; 9ar2710p; -42p

Servicing: Baudouin; Perkins; Sabre

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 57.50, **Rotation** CR, **Terminal** W

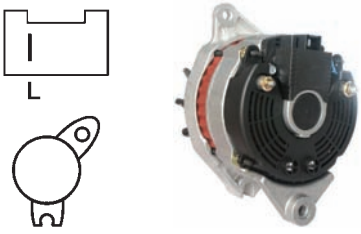


112112 Alternator

Replacing: 11.201.332; -832; aak3301; 510-810; -1; -2; -3; -22; -23; -24; -25; -26; -42; -59; 9ar2723p; -4p; -3

Servicing: Yanmar; Perkins; Sabre

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR/ACR, **Terminal** W

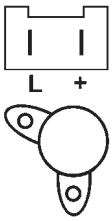


112162 Alternator

Replacing: 96016744; 11.201.493; -590; aak3572; aak4535; 334113516414; 443113516414; 9515414; 9ar5055p; 557291;

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.90, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR





112733 Alternator

Replacing: 9120144256; -8; 451078; 516009; -30; -42; -45; 9ar5042; a14n121; a14n51; -6; 7700612755; 7700670878;

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 103.00, **Rotation** CR




112807 Alternator

Replacing: 12312242248; 2541154

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 47, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.00, **Rotation** CR




113176 Alternator

Replacing: 8SC2023Z; 110-565

Servicing: New Holland

V. 12, **Amp.** 185, **B+ / position** 5/16" UNF, **B+ position in min** 30, **Width of holder arm** 14.20, **Mount. bracket dist.** 101.80, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




113376 Alternator

Replacing: 0120400614; 0120488158; 0120489118; -9; -635; -636; 0120400833; -4; 0120489585; -6; -625; -626; -768

Servicing: Opel; Vauxhall; Lancia; Bedford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 56.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.60, **Rotation** CR, **Terminal** W

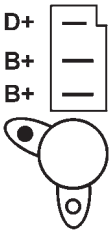



113549 Alternator

Replacing: 8hc3022f; -5f; 8HC3022FS; 110-285; -313; or3653; 6T1395; 7T2095

Servicing: Caterpillar

V. 24, **Amp.** 35, **B+ / position** 1/4" UNC, **B+ position in min** 40, **Width of holder arm** 27.20, **Fan** EF, **Pulley** w/o, **Rotation** CR



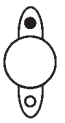


113574 Alternator

Replacing: 23680; 9ar2919p; 24049; 3477851R91; 3538541M91; na066; 11.201.276; aak4118; 0120489958; -9; 81db1030

Servicing: Case; New Holland; Valmet

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 10.40, **Mount. bracket dist.** 90.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.85, **Rotation** CR, **Terminal** W




113739 Alternator

Replacing: 8lha2070; 8lha2070v; 8lha2070va; -b; 110-555; -800

Servicing: Volvo; International; Ford; Various; Caterpillar

V. 12, **Amp.** 130, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 102.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR

Rotorshaft 7/8 (22,23mm)

113766 Alternator

Replacing: 110-555P; 8lhp2170vh; 110-55p

V. 12, **Amp.** 140

Rotoraksel 7/8(22,23mm)




113898 Alternator

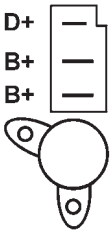
Replacing: 8SC2023Z; 110-565; 8sc2282VG

Servicing: New Holland

V. 12, **Amp.** 185, **B+ / position** M10, **B+ position in min** 30, **Width of holder arm** 14.75, **Mount. bracket dist.** 101.70, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

Miscellaneous



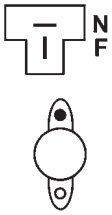


110975 Alternator

Replacing: 0120300563; -4; -84; 0120400670; 0120489058; -551; -569; -789; -975; 54021649; 60021026; -63; -67; -

Servicing: VW; Audi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.85, **Rotation** CR, **Terminal** W





110131 Alternator

Replacing: lt145-42; lt150-04; lt150-122; -3; lt150-123b; lt150-125; lt150-13; -8; lt150-188; lt150-19; -22; lt

Servicing: Isuzu; Nissan; Chevrolet

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 40.75, **Rotation** CR





110138 Alternator

Replacing: 4n4540; 31100-657-024; 110-750; 8al2065k; 021000-0046; -7; -64; -132; -133; -134; -180; -183; -184;

Servicing: Toyota; Daihatsu; Mitsubishi; Honda

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 11.75, **Mount. bracket dist.** 75.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR





110164 Alternator

Replacing: 30-00251-00; -11; 30-00331-00; 110-159; -225; 8ha2003f; 8ha2003fs; 8ha2006f; 20-44-3325; 4006d20g01;

Servicing: Thermo King

V. 12, **Amp.** 35, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 27.50, **Fan** EF, **Pulley** w/o, **Rotation** CR
Regulator: Cargo 131166





110170 Alternator

Replacing: d7nn10300b; 8ma2014p; 8MA2014PA

Servicing: Ford

V. 12, **Amp.** 72, **B+ / position** M6, **B+ position in min** 36, **Width of holder arm** 51.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 74.75, **Rotation** CR
Regulator: Cargo 131175





110173 Alternator

Replacing: 8lha2012no; 8lha3025pa; 110-124; -8; -276; -296; -297; -409; -440; -446; -466; 8lha3025p; -71p; 8sa3

Servicing: Daf; Clark

V. 24, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 14.50, **Mount. bracket dist.** 101.50, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR





110175 Alternator

Replacing: 8sc3002y; 110-158; -83; -298; -302; -316; 8sc3002u; -3u; -11u; -14u; -15u; -19u; 44-4021; 10-298; 8S

Servicing: Volvo Penta

V. 24, **Amp.** 100, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.75, **Mount. bracket dist.** 99.75, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W
Pos. or neg. ground.Fan: Cargo 134317,Pulley: cargo 131176





110176 Alternator

Replacing: 8sc3005y; 110-184; -258; -569; 8sc3005v; -9z; 8sc3009za; 8sc3029z

Servicing: Volvo Penta

V. 24, **Amp.** 175, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 14.75, **Mount. bracket dist.** 101.50, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W
Pos. or neg. ground.Pulley :Cargo 131176



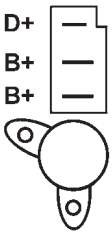


110177 Alternator

Replacing: 3603860rx; 8ha2008; 110-303; -4; -542; -543; 8ha2009k; 4117d21g01; -2; 44-6257; -66

Servicing: Thermo King

V. 12, **Amp.** 51, **B+ / position** 1/4" UNC, **B+ position in min** 37, **Width of holder arm** 27.25, **Fan** EF, **Pulley** w/o, **Rotation** CR
Regulator: Cargo 130679





110357 Alternator

Replacing: 0120400746; 0120489008; -9; -10; -11; -520; -600; -622; -771; -820; -821; -831; 11.201.078; aak1122;

Servicing: Audi; VW; Alfa Romeo; American Motors

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.20, **Fan** w/o, **Pulley** w/o, **Rotation** CR
Fan: Cargo 133875





110371 Alternator

Replacing: 9127041233; -41; -42; 30-00349-01; 30-00363-00; -3; 30-00393-00; -2; 30-00423-00; 30-50307-00; 8ar65

Servicing: Carrier Transicold; Kubota

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Rotation** CR, **Terminal** W
w/ Mounting Kit





110408 Alternator

Replacing: 30-00171-00; -11; 30-00228-00; 30-00306-00; -2; -3; -4; -5; 30-00351-00; -2; -3; -4; -5; 8al2040fs;

Servicing: Thermo King; American Motors; Jeep

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W



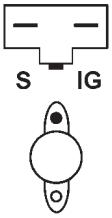


110422 Alternator

Replacing: 110-060; -6; -190; 8ta2010e; -21e; 110-189

Servicing: Thermo King

V. 12, **Amp.** 30, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 51.00, **Fan** EF, **Pulley** w/o, **Rotation** CR
Regulator: Cargo 132713





110445 Alternator

Replacing: ar87204; -5; ar93447; -8; ty6621; 110-244; 021000-7410; -20; 100211-0071; -81; -280; -281; -290; -29

Servicing: John Deere

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 50.50, **Fan** EF, **Pulley** w/o, **Rotation** CR





110487 Alternator

Replacing: 8ek2003fc; -d; -4de; -6fc; -8fc; 8ek2011fa; -b; -c; 110-399; 8ek2003fa; -b; -4da; -4db; -4dc; -6fa;

Servicing: Thermo King

V. 12, **Amp.** 37, **B+ / position** 1/4" UNF, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Pulley** w/o, **Rotation** CR



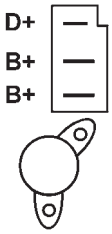


110488 Alternator

Replacing: 8ek2005nd; -7nc; 8ek2012nb; 110-400; -600; 8ek2005na; -b; -7na; -7nb; 8ek2010na; 8mr2185l; 2d72787g0

Servicing: Thermo King

V. 12, **Amp.** 65, **B+ / position** 1/4" UNF, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Pulley** w/o, **Rotation** CR





110913 Alternator

Replacing: 0120489016; -7; -77; -81; -262; -712; -773; -774; -868; -869; -870; -871; -872; -873; -980; -981; -9

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 17, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR





110937 Alternator

Replacing: 10459016; 1117147; -8; -60; -735; -743; 2300j; -60j; 2500j; 2600j; 2700j; 2805j; 4425ja; 4625ja; 472

Servicing: Caterpillar; Cadillac; International

V. 12, **Amp.** 200, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 15.04, **Mount. bracket dist.** 98.17, **Fan** EF, **Insulator** D, **Pulley** w/o, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

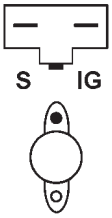



110959 Alternator

Replacing: a000b0331; 817119-2; 92497a3; 92497; ac155603; ar150aa; -ba; 81-7119; 81-71192; ac155604; 110-354; a

Servicing: Mercury; Omc; Mercruiser

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.35, **Rotation** CR, **Terminal** W





111002 Alternator

Replacing: 110-310; -411

Servicing: International; Case

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 50.85, **Fan** w/o, **Pulley** w/o, **Rotation** CR




111575 Alternator

Replacing: 8mr2069ta; 110-602; 8mr2069t; 110-402

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W
w/ Adjustable Voltage Regulator

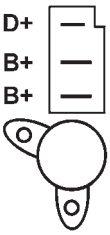



111576 Alternator

Replacing: 822982; 8mr2070ta; 110-603

Servicing: Mercury

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 36, **Width of holder arm** 27.20, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
w/ Adjustble Regulator. Rotor shaft 5/8





111652 Alternator

Replacing: 0120489002; -3; -4; -6; -7; -9; -10; -11; -521; -713; -714; -732; -971; -972; 9120080118; 11.201.605

Servicing: Audi; VW

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 108.50, **Rotation** CR




111736 Alternator

Replacing: 110-252; 8mr2033t

Servicing: Volvo; Massey Ferguson

V. 12, **Amp.** 90, **B+ / position** 1/4" UNC, **B+ position in min** 38, **Width of holder arm** 51.00, **Fan** EF, **Pulley** w/o, **Rotation** CR




111761 Alternator

Replacing: 110-534; -67; 8mr2401u

Servicing: Various

V. 12, **Amp.** 105, **B+ / position** 1/4" UNC, **B+ position in min** 40, **Width of holder arm** 27.20, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
w/ Adjustable Regulator




112294 Alternator

Replacing: 110-459; 8lha3096u

Servicing: Caterpillar

V. 24, **Amp.** 110, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 14.50, **Mount. bracket dist.** 101.50, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W




113176 Alternator

Replacing: 8SC2023Z; 110-565

Servicing: New Holland

V. 12, **Amp.** 185, **B+ / position** 5/16" UNF, **B+ position in min** 30, **Width of holder arm** 14.20, **Mount. bracket dist.** 101.80, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




113511 Alternator

Replacing: 8hc3017g; a47090; r36587; at45526; 1043827M91; 110-222

Servicing: Case

V. 24, **Amp.** 40, **B+ / position** 1/4" UNC, **B+ position in min** 37, **Width of holder arm** 50.75, **Fan** w/o, **Pulley** w/o

Regulator: Cargo 234332. Regulator gasket: Cargo 234585




113548 Alternator

Replacing: 8ma2015t; E9NN10300AA

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 36, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR




113549 Alternator

Replacing: 8hc3022f; -5f; 8HC3022FS; 110-285; -313; or3653; 6T1395; 7T2095

Servicing: Caterpillar

V. 24, **Amp.** 35, **B+ / position** 1/4" UNC, **B+ position in min** 40, **Width of holder arm** 27.20, **Fan** EF, **Pulley** w/o, **Rotation** CR




113739 Alternator

Replacing: 8lha2070; 8lha2070v; 8lha2070va; -b; 110-555; -800

Servicing: Volvo; International; Ford; Various; Caterpillar

V. 12, **Amp.** 130, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 102.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR

Rotorshaft 7/8 (22,23mm)

113766 Alternator

Replacing: 110-555P; 8lhp2170vh; 110-55p

V. 12, **Amp.** 140

Rotoraksel 7/8(22,23mm)

113769 Alternator

Replacing: 8em3002ga; -b; -c; 110-376; at115049; at125430; re28186; ty6679; -80

Servicing: Johnson

V. 24, **Amp.** 42



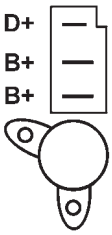

113898 Alternator

Replacing: 8SC2023Z; 110-565; 8sc2282VG

Servicing: New Holland

V. 12, **Amp.** 185, **B+ / position** M10, **B+ position in min** 30, **Width of holder arm** 14.75, **Mount. bracket dist.** 101.70, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

Miscellaneous



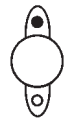


110975 Alternator

Replacing: 0120300563; -4; -84; 0120400670; 0120489058; -551; -569; -789; -975; 54021649; 60021026; -63; -67; -

Servicing: VW; Audi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.85, **Rotation** CR, **Terminal** W




110561 Alternator

Replacing: 600-821-8160; 0-33000-1180

Servicing: Komatsu

V. 24, **Amp.** 35, **B+ / position** M5, **B+ position in min** 60, **Width of holder arm** 16.15, **Mount. bracket dist.** 90.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 62.75

Regulator: Cargo 134351

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




110562 Alternator

Replacing: 600-821-5580; 600-821-6120; 0-33000-2860; 0-33000-3070; 0-33000-5280; -860; -870; 0-33000-6511; 600-

Servicing: Komatsu

V. 24, **Amp.** 25, **B+ / position** M5,
B+ position in min 45,
Width of holder arm 12.05,
Mount. bracket dist. 71.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 62.55, **Rotation** CR




110657 Alternator

Replacing: 600-821-6150; 0-33000-5840; -50; -80; 0-33000-6510

Servicing: Komatsu

V. 24, **Amp.** 25, **B+ / position** M5,
B+ position in min 45,
Width of holder arm 12.25,
Mount. bracket dist. 71.00, **Fan** EF,
Grooves in pulley 2, **Pulley** Double Pulley,
Pulley distance 62.75, **Rotation** CR




110800 Alternator

Replacing: 600-821-3260; -80; -350; -370; 0-33000-2200; -80; -81; -90; 0-33000-3450; -500

Servicing: Komatsu

V. 24, **Amp.** 13, **B+ / position** M5,
B+ position in min 40,
Width of holder arm 15.80,
Mount. bracket dist. 68.35, **Fan** EF,
Grooves in pulley 2, **Pulley** Double Pulley,
Pulley distance 62.85, **Rotation** CR




111051 Alternator

Replacing: 0-33000-6000; 0-33000-3700; -60; 1-81200205-0; -9-0; 1-81200365-0; 5-81200382-0

Servicing: Isuzu; Komatsu

V. 24, **Amp.** 25, **B+ / position** M5,
B+ position in min 48,
Width of holder arm 16.15,
Mount. bracket dist. 70.35, **Fan** EF,
Grooves in pulley 2, **Pulley** Double Pulley,
Pulley distance 60.00, **Rotation** ACR




111253 Alternator

Replacing: 5812002921; 0-33000-4180; -1

V. 24, **Amp.** 30, **B+ / position** M5,
B+ position in min 57,
Width of holder arm 15.20,
Mount. bracket dist. 81.85, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 45.40, **Rotation** CR




112160 Alternator

Replacing: 3251135; 3920617; -8; 1117897; -900; -944; 19010108; -11; -48; -82; -99; 19020300; -46; -77; -82; 10

Servicing: John Deere; New Holland; Timberjack; Cummins; Komatsu

V. 24, **Amp.** 70, **B+ / position** M6,
B+ position in min 53,
Width of holder arm 14.25,
Mount. bracket dist. 101.50, **Fan** EF,
Pulley w/o, **Rotation** CR
Replacing: 21 SI. Neg. connection. One wire system.

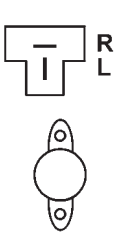



112168 Alternator

Replacing: 8970222112; 0-33000-6541; -2; 897022210; -1; -2; LRA002520; 0-33000-6540

Servicing: Isuzu

V. 24, **Amp.** 30, **B+ / position** M5,
B+ position in min 45,
Width of holder arm 12.00,
Mount. bracket dist. 81.00, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 44.50, **Rotation** CR




113212 Alternator

Replacing: 0-33000-5670; 8-94404790-2; 0-33000-6250; 0-33000-5510; -700; 600-821-3850

Servicing: Mitsubishi

V. 24, **Amp.** 20, **B+ / position** M5,
B+ position in min 20,
Width of holder arm 13.50,
Mount. bracket dist. 81.50, **Fan** EF,
Grooves in pulley Single, **Pulley** Pulley,
Pulley distance 44.50, **Rotation** CR




113386 Alternator

Replacing: 0-33000-6550; -1; -2; 1-81200440-0; -1; -2

Servicing: Isuzu

V. 24, **Amp.** 30, **B+ / position** M5,
B+ position in min 50,
Width of holder arm 16.00,
Mount. bracket dist. 68.40, **Fan** EF,
Grooves in pulley 2, **Pulley** Double Pulley,
Pulley distance 60.00, **Rotation** CR



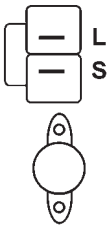


113388 Alternator

Replacing: 0-39000-0060; -120; 1-81200265-0; 1-81200314-0

Servicing: Isuzu

V. 24, **Amp.** 25, **B+ / position** M5, **B+ position in min** 55, **Width of holder arm** 16.20, **Mount. bracket dist.** 68.40, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 60.00, **Rotation** CR



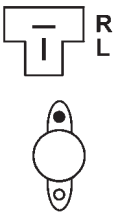


112334 Alternator

Replacing: 02131-9040; ok55518300a; OK55218300B; OK55518300; AF185452; 20130160; ok55318300a

Servicing: Kia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR



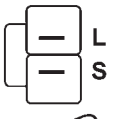


112506 Alternator

Replacing: 02121-8027; -5; -6; -70; -71; -72; -73; 20130163; ok64018300g

Servicing: Kia

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.00, **Rotation** CR



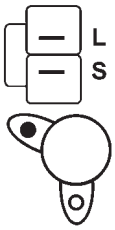


113213 Alternator

Replacing: 02131-9070; OK55418300

Servicing: Kia

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.40, **Mount. bracket dist.** 80.35, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.40, **Rotation** CR





113328 Alternator

Replacing: 02131-9111; -2; 37300-27010; -1; -2; 02131-9110; -3

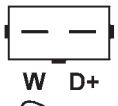
Servicing: Hyundai; Kia

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 63.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 102.50, **Rotation** CR

113903 Alternator

Replacing: 02121-8074; OK05418300C; 0123520020;

V. 12, **Amp.** 60, **Fan** EF, **Pulley** Double Pulley



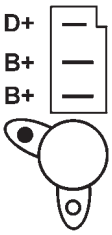


110127 Alternator

Replacing: 0120400778; 11.201.938; 510-803; -16; -18; -19; 9ar2712p; -38p; -40p; -41p; 70229702; 71427052; -102

Servicing: Volvo Penta; Farymann

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 79.00, **Rotation** CR, **Terminal** W
Pos. or neg. ground



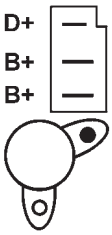


110178 Alternator

Replacing: 0120339502; 0120389502; -3; 9120331502; -901; -913; 516011; alp12n-2; alt12n-14; -39; 1504563; 15371

Servicing: Case; Ford; Austin; Land Rover; Triumph; Mg; Morris; Talbot; Vauxhall; Bedford; New Holland; Massey

V. 12, **Amp.** 36, **Width of holder arm** 10.00, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR





110179 Alternator

Replacing: 86bb10300db; 23568; -74; -76; -83; -85; -91; -92; -600; -609; -611; -624; -626; -629; -631; -632; -6

Servicing: Triumph; Ford; Vauxhall; Land Rover; Ldv International; Bedford; Case; Jaguar; Mercury; Lotus

V. 12, **Amp.** 36, **B+ / position** Plug, **B+ position in min** 20, **Width of holder arm** 9.75, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR
For Fan with 17 mm bore use bushing: Cargo 134894

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




110408 Alternator

Replacing: 30-00171-00; -11; 30-00228-00; 30-00306-00; -2; -3; -4; -5; 30-00351-00; -2; -3; -4; -5; 8al2040fs;

Servicing: Thermo King; American Motors; Jeep

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




110427 Alternator

Replacing: 2p1204; -698; 2p5113; 6n5468; 7s5897; 9s4070; -870; anb6001; -2; -4; anb7001; -2; -3; -4

Servicing: Case; Caterpillar

V. 24, **Amp.** 22, **B+ / position** M12, **B+ position in min** 20, **Width of holder arm** 15.50, **Mount. bracket dist.** 102.19, **Fan** w/o, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 83.30, **Rotation** CR



110482 Generator

Replacing: dnl12-22; 69eb10002ca; 22250; -8; -72; -95; -97; -700; -704; 22704l; -q; 22705; 22705f; -l; 22715; 2

Servicing: Ford; Austin; Mg; Morris; Case; Triumph; Lotus

V. 12, **Amp.** 22, **O.D.** 144.00, **Pulley** 75.00, **Max rotation speed** w/o, **Insulated return** 60

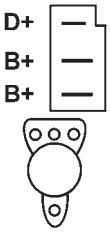


110483 Generator

Replacing: 22255; -9; -703; 22703k; -m; 22708; -19; 22719h; -j; 22733; 22733e; -j; 22780; -8; -91; 26021104; nd

Servicing: Massey Ferguson; Case; Allis Chalmers

V. 12, **Amp.** 11, **O.D.** 144.00, **Pulley** 76.00, **Insulated return** 10




110497 Alternator

Replacing: 66921126; nab900; 9120690170; 66021126

Servicing: Austin-healey

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 10.50, **Mount. bracket dist.** 84.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR, **Terminal** W

W/ Mounting Bracket for left and right side of engine




110540 Alternator

Replacing: a0b09601; ac155513; -907; ar150ca; -da; ta0b09601; a000b0431; 20130178; AC155515; 893633

Servicing: Omc; Bobcat

V. 12, **Amp.** 55, **B+ / position** 1/4" UNC, **B+ position in min** 10, **Width of holder arm** 50.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR, **Terminal** W

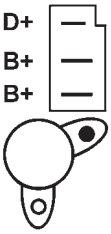



110542 Alternator

Replacing: 114901010; 443113516051; -120; -121; -180; -181; -184; 9516051; -0; -60; -61; 20130131

Servicing: Skoda

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 50.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 79.00, **Rotation** CR




110607 Alternator

Replacing: 5026721; 884f10k359ab; 894f10300ba; 894fx10300ba; r89fx10300ba; u88vg10k359aa; 24188; -230; -264; 54

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 11.30, **Mount. bracket dist.** 83.00, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.70, **Rotation** CR

111754 W/vacuum pump




110612 Alternator

Replacing: 0120489127; -738; -739; 19025066; -761; -786; 201003020.0; a115-03; -43; a125-02; a125-45b; als12n-2

Servicing: Fiat; Lancia; Zastava; Bertone

V. 12, **Amp.** 43, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 23.15, **Mount. bracket dist.** 73.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.45, **Rotation** CR




110641 Alternator

Replacing: 0120300514; 0120339514; -31; -52; 11.201.027; -96; aag1301; -11; -28; 24171; 11.201.372; X830060011;

Servicing: Bosch; Case; Claas; Fendt; Goldoni; Deutz-fahr; Kramer; Lamborghini; Liebherr; Linde; Bpm

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 55.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.30, **Rotation** CR

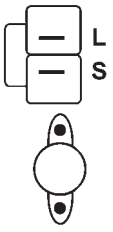



110643 Alternator

Replacing: 851606; 854494; a3024/13; -30; -33; a4024/15; lna4024/8; 66021616a; lna4024/0

Servicing: Butec

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 75.90, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W



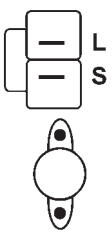


110663 Alternator

Replacing: f1cz10346a; -b; -c; a2t34477; a2t35177; B366-18-300; B361-18-300G; B366-18-300H; TA000A11001; OK2011

Servicing: Mazda; Kia; Ford; Mercury

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.15, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.75, **Rotation** CR, **Terminal** W



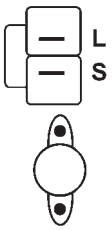


110664 Alternator

Replacing: e92z10346a; F8B1-18-300E; hab170144; a2t05892; a2t05892a; -b; a2t05892zc; a2t05893; a2t05893zc; a2t0

Servicing: Mazda; Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.10, **Mount. bracket dist.** 66.10, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.50, **Rotation** CR, **Terminal** W



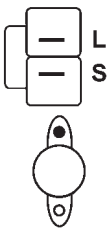


110689 Alternator

Replacing: f00z10346b; f0cz10346b; a2t34377; a2t35277; a5t00877; a5t01599; -777; a5t02777; B366-18-300E; B61V-1

Servicing: Mazda; Ford; Mercury

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.30, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.15, **Rotation** CR





110701 Alternator

Replacing: lr150-430c; -s; -t; lr150-435; lr150-435s; -t; 23100-02n12; -6; -20; 23100-11t10; -3; lr150-430; 201

Servicing: Nissan

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 43, **Width of holder arm** 13.30, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.80, **Rotation** CR




110881 Alternator

Replacing: 0120488114; -85; -257; -258; 0120489069; -70; -183; -309; 11.201.512; -226; aak1189; 0120488209; 117

Servicing: Volvo; Fendt; Deutz-fahr; Marshall; Kramer

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.00, **Rotation** CR, **Terminal** W

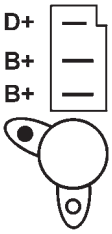



110891 Alternator

Replacing: 0120488286; 0120489346; -7; -408; 1005351; 5026113; 86ab10300na; -b; 86ax10300mb; 0120488211; r86ax1

Servicing: Ford; Land Rover; Mg

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.30, **Mount. bracket dist.** 82.00, **Fan** EF, **Pulley** Pulley, **Rotation** CR, **Terminal** W





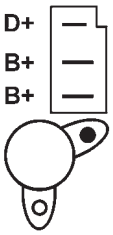
110968 Alternator

Replacing: alt2n-14; alf12-18; alt12n-13; alt12n-2; 11.201.470; aak1133; 23686; -749; -764; -785; -832; -882; -

Servicing: Austin; Rover; Nissan; Mg; Case; Dronningborg; Valmet

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



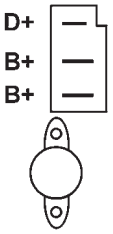


110969 Alternator

Replacing: alp12n-1; 23582; -667; -696; -723; -786; -826; -935; 24044; -64; 54021953; -88; 54022137; 60021012;

Servicing: Land Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 38.00, **Rotation** CR





110970 Alternator

Replacing: 11.201.095; aag1310; 66021147; nab302; 510-38; -9; -56; 9ar2510; -47; 9ar2547f; 9ar2548; 9ar2548k; 9

Servicing: Massey Ferguson

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 27.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 58.00, **Rotation** CR

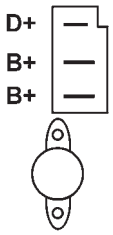



110972 Alternator

Replacing: 0120489121; -3; -4; 050; -2; -67; -68; 3471214; 3472050; -2; -67; -68; 60021054; -5; -6; 66021101; -

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 56.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 87.90, **Rotation** CR



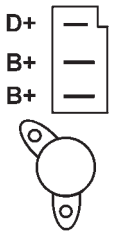


110973 Alternator

Replacing: 66021150; nab305; 66021150

Servicing: Opel

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 80.00, **Rotation** CR



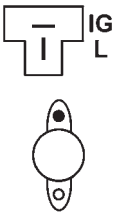


110974 Alternator

Replacing: 0120400782; -840; -841; 0120489108; -9; -629; -630; 002; -27; -28; -57; -272; 3472002; -27; -28; -57

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 86.25, **Rotation** CR



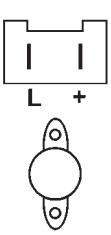


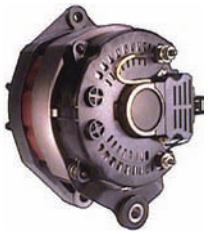
111048 Alternator

Replacing: 600-821-2350; 15881-64200; -1; 16231-64011; 16705-64011; 34070-75601; 100211-1630; 100211-4528; -640

Servicing: Daihatsu; Piaggio; Iseki; Kubota

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 24.40, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.70, **Rotation** CR





111144 Alternator

Replacing: 75491911; 75492505; 95494138; 95580176; 95598734; 95619682; 95635804; 516016; 510-312; 9ar2870p; a14

Servicing: Renault; Citroen; Talbot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 64.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.15, **Rotation** CR




111166 Alternator

Replacing: 0120488159; -64; -65; -90; -91; 0120489633; -4; 105; -6; -39; -239; 3472105; -6; -39; -706; 3493239;

Servicing: Opel; Vauxhall; Lancia; Bedford; Albin

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR




111175 Alternator

Replacing: 90041021; 9610870880; a2t13391c; -d; -e; a14n139; -72; 2541189; -369; -655; -793; a13vi108; a13vi68;

Servicing: Citroen; Peugeot

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 27.25, **Mount. bracket dist.** 69.95, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.30, **Rotation** CR




111176 Alternator

Replacing: 1659058; 5027845; 5029923; 86ab10300aaa; 89ff10300eb; -ja; -jb; 89fx10300eb; -ja; 91ff10300ta; r86ax

Servicing: Ford; Land Rover; Ldv International

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.25, **Mount. bracket dist.** 81.65, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W



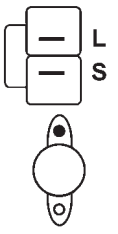


111186 Alternator

Replacing: lr170-420; lr170-420b; lr170-427; lr170-427b; lr170-427ba; lr170-427c; 8970417900; 8971131180; -1; 1

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** Plug, **Width of holder arm** 13.00, **Mount. bracket dist.** 78.20, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.85, **Rotation** CR



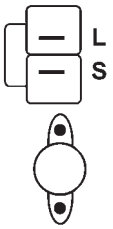


111216 Alternator

Replacing: 9120060027; 44-8950; 44-9571; 5d33839g01; 5d38603g01; 66021606; 9514090; 41-7912; 0120488297; 41-678

Servicing: Thermo King

V. 12, **Amp.** 37, **B+ / position** M6, **B+ position in min** 54, **Width of holder arm** 50.80, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W
OAL 165mm.



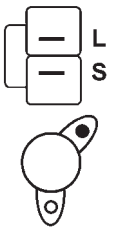


111237 Alternator

Replacing: k20118300a; hab170140; ab170036; -94; apr140ab; a2t33991; a2t33991a; B66S-18-300; K20118301A; OK2A21

Servicing: Mazda; Kia

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 4, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.55, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.75, **Rotation** CR



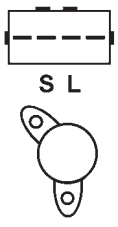


111238 Alternator

Replacing: a3t08183; md160671; 20130140

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 12.80, **Mount. bracket dist.** 55.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.20, **Rotation** CR



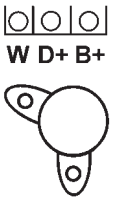


111280 Alternator

Replacing: 0120335008; 0123115008; -10; 23100-0u060; 23100-10s00; 23100-54b61; -2; 20110170

Servicing: Nissan

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 6, **Width of holder arm** 24.80, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.25, **Rotation** CR



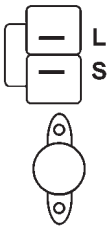


111282 Alternator

Replacing: 24329; 54022453; 63320309; 63321351; 63341351; yle10128; yle101840; 20110163

Servicing: Rover

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 13.75, **Mount. bracket dist.** 70.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.85, **Rotation** CR, **Terminal** W





111294 Alternator

Replacing: lr170-417b; -c; -e; -f; lr170-502b; -c; -p; -q; lr170-504; lr170-504b; 23100-0e400; -2; 23100-0m901;

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.20, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.65, **Rotation** CR



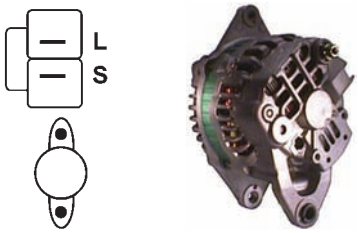

111295 Alternator

Replacing: 857606; -12; -26; -33; -38; 858085; -693; a5524/30; -56; -58; lna5524/3; 1266450; 1268580; -90; -620

Servicing: Cummins; Perkins

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 76.25, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

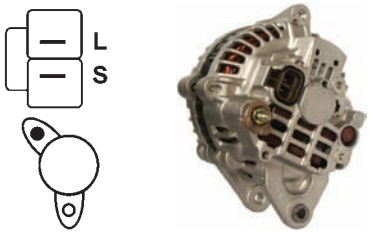


111308 Alternator

Replacing: 219101; lr165-709; lr165-709b; kk37018300; hab160100; ab160044; -63; a5t03391; B3C7-18-300; B3D1-18-

Servicing: Mazda; Ford; Hyundai

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR

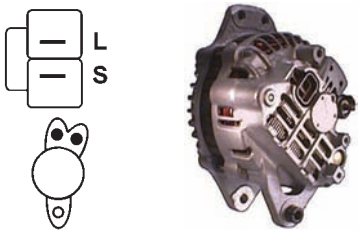


111309 Alternator

Replacing: 37300-22011; -20; -23; hab175200; ab175019; -54; ab180128; 4473; ta000a35201; a000b0391; 37300-22600

Servicing: Hyundai; Proton

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.15, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.15, **Rotation** CR

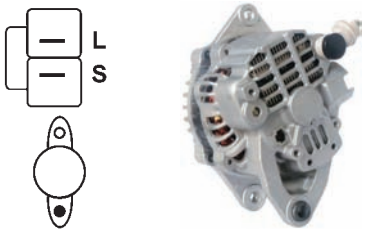


111314 Alternator

Replacing: 37300-36030; 37300-43850; ab190097; -205; a3t08293; md168989; 20130190; a3ta1391; a3ta1391a; md18901

Servicing: Mitsubishi; Hyundai

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.15, **Mount. bracket dist.** 55.15, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 37.90, **Rotation** CR

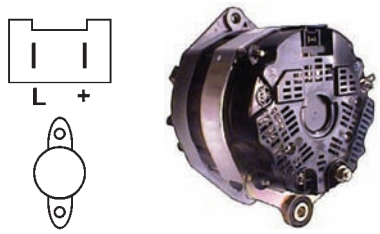


111317 Alternator

Replacing: hab180101; a2t33191; a2t33191a; a2t33191zc; FS64-18-300; FS05-18-300; 66021301

Servicing: Mazda; Ford; Kia

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 36.40, **Rotation** CR

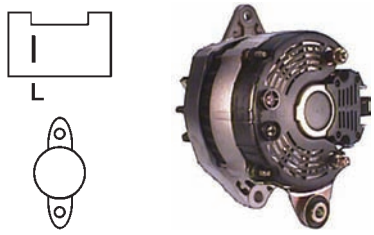


111319 Alternator

Replacing: a14n140; a14n73; -5; 7700754850; -2; 7700796914; 7700808647; 7701351764; 2541197; -307; a13vi13; 500

Servicing: Renault; Renault V.i.; Opel

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 27, **Width of holder arm** 26.90, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 47.90, **Rotation** CR

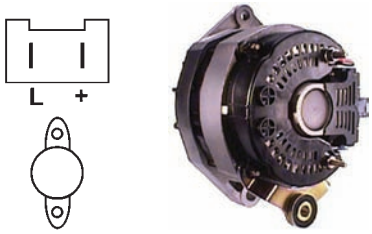


111321 Alternator

Replacing: 0120489491; 11.201.523; aak3583; a13n133; -78; -232; -241; 2541173; -445; -490; -807; 9031146; 66021

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.15, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.20, **Rotation** CR

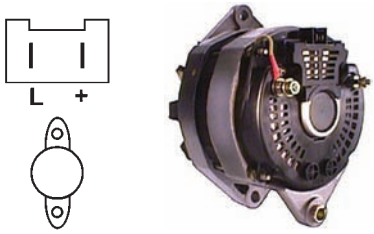


111322 Alternator

Replacing: a13n172; a14n101; 7700730364; 7700796943; 7701499250; 2541159; -469; 8111505; 35213955

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 26.75, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR

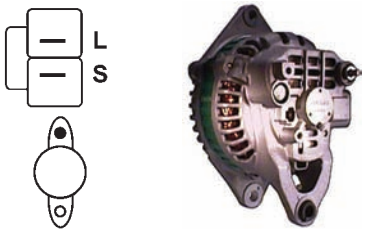


111324 Alternator

Replacing: a14n142; -71; 6025007592; 7700796907; 7700811399; 2541202; 35214420

Servicing: Renault

V. 12, **Amp.** 90, **B+ / position** M5, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 45.15, **Rotation** CR

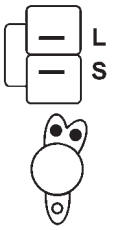


111337 Alternator

Replacing: hab170103; RF79-18-300; RF85-18-300; RF92-18-300; a2t04599; a2t08577; a2t08577a; -b; a3t04177; -99;

Servicing: Mazda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.10, **Mount. bracket dist.** 66.55, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 47.60, **Rotation** CR



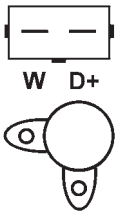


111345 Alternator

Replacing: hab175241; hab175241n; a3t41876; md111233; 20130168

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.95, **Rotation** CR



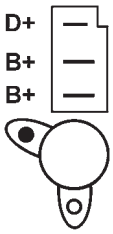


111353 Alternator

Replacing: 0120485043; 0123310001; -19; -32; 0123315002; b120310084; 9517162; 2541619; -76; -819; a11vi36; -64;

Servicing: VW; Seat; Ford; Audi; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR



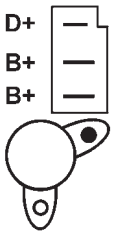


111355 Alternator

Replacing: 0120489293; -384; -385; 24158; -209; -245; -291; -294; -390; 54022579; -428; -639; -642; -647; -656;

Servicing: Austin; Rover; Nissan; Mg; Massey Ferguson; New Holland; Dronningborg; Valmet; Universal

V. 12, **Amp.** 65, **B+ / position** M6-6.3, **B+ position in min** 11, **Width of holder arm** 11.50, **Mount. bracket dist.** 81.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR, **Terminal** W



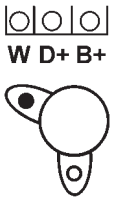


111356 Alternator

Replacing: 0120488189; 89ff10300ab; -c; r89fx10300gb; 11.201.587; aak4532; 54021506; -879; 54022059; -173; -190

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.80, **Mount. bracket dist.** 84.50, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR, **Terminal** W



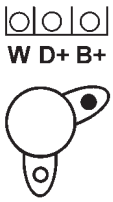


111359 Alternator

Replacing: 0120488148; 0120489460; 88bb10300ha; -b; 88bx10300gb; 24216; 54022181; -318; -319; -320; 24216a; 201

Servicing: Ford

V. 12, **Amp.** 70, **Width of holder arm** 10.85, **Mount. bracket dist.** 82.75, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 24.55, **Rotation** CR





111360 Alternator

Replacing: 89ff10300cc; -d; -e; 89fx10300cd; r89ff10300cd; -e; r89fx10300cd; 24236; -71; 54022303; -5; -7; -400

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 24, **Width of holder arm** 10.90, **Mount. bracket dist.** 83.30, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.65, **Rotation** CR, **Terminal** W



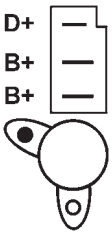


111361 Alternator

Replacing: 24286; 54022308; -75; -608; -653; -654; -662; 23100-71j00; -10; 54022664; 24418; -1; 2871A166; 20100

Servicing: Nissan

V. 12, **Amp.** 67, **B+ / position** M6, **B+ position in min** 37, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 69.65, **Rotation** CR, **Terminal** W



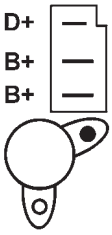


111363 Alternator

Replacing: 24246; -56; 54022292; -310; -481; 24256a; -c; 24327a; 24246a; 24327; 63324327; 54022446; 20100530; 6

Servicing: New Holland; Ford

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 11.00, **Mount. bracket dist.** 83.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.70, **Rotation** CR, **Terminal** W





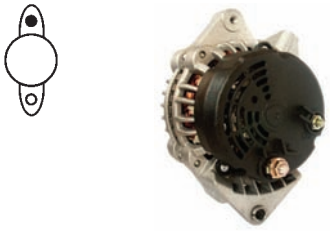
111364 Alternator

Replacing: 0120489251; -2; -92; 6159682; 82bb10300ga; 84ab10300aa; -ma; -mb; 84fb10300aa; 864f10300ea; 86ax1030

Servicing: Ford; Rover

V. 12, **Amp.** 55, **B+ / position** M6-6.3, **B+ position in min** 14, **Width of holder arm** 12.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

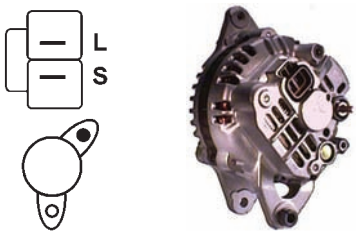


111426 Alternator

Replacing: 0123505002; 0124415008; 10479923; 10480222; 3493409; -823; -824; -923; -927; 384; -409; -823; -824;

Servicing: Opel; Vauxhall; Isuzu

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 33.75, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 51.50, **Rotation** CR

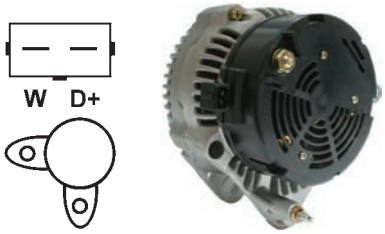


111469 Alternator

Replacing: a2t02271; a2t04271; -7; md108230; md111231; md166174; 20130167

Servicing: Mitsubishi; Dodge

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.80, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.30, **Rotation** CR

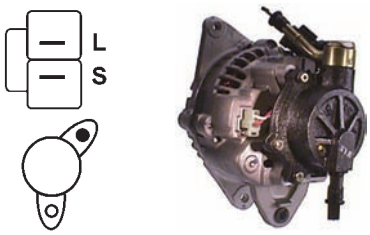


111477 Alternator

Replacing: 0120485038; 0123320001; -7; 0123340003; 9123320007; 1031896; 7203201; 95VW10300aaa; 95VW10300na; -ra

Servicing: VW; Seat; Ford; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 62.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W

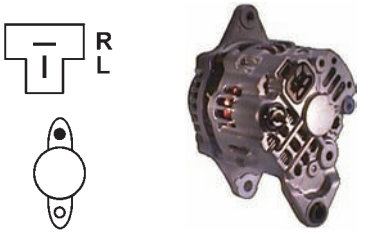


111491 Alternator

Replacing: a3t00599; a3t05499; md111932; md141119; 20130141; 37300-42750; AF175435; -503

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.50, **Rotation** CR

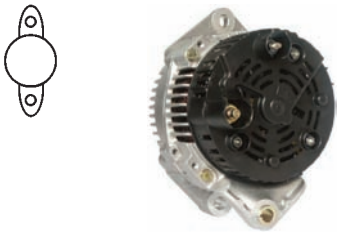


111495 Alternator

Replacing: a7t03277; a7t03277a; 20140109; LRA002043; S5SN-18-300; S5SN-18-300A; 00591-33580-81; 00591-55973-81;

Servicing: Hyster; Mitsubishi; Sumitomo; Yale

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.75, **Rotation** CR

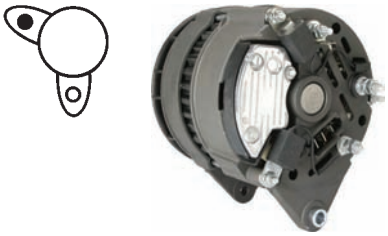


111498 Alternator

Replacing: 98490186; 2541679; a13vi73; 98490186; 35215345

Servicing: Fiat; Citroen

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 26.90, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 28.15, **Rotation** CR



111510 Alternator

Replacing: 510-845; -60; -64; 9ar3855g; 9ar3959g; 9ar6000; 2960000; 66021593; 47020090; 9AR3855; 9ar6000g; 4702

Servicing: Ford; Perkins

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 10.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W



111513 Alternator

Replacing: 7700861496; 7701499604; 2541792; -908; a11vi59; -79; 8111700; 35215250

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 26.50, **Mount. bracket dist.** 69.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W

111515 Alternator

Replacing: lr170-505; lr170-505b; lr170-511; 8971502000; -1; 8972410210; 6204042; -6; -106; 90371767; 97150200;

Servicing: Opel; Vauxhall; Ac

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 78.50, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR

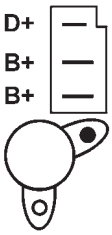



111531 Alternator

Replacing: 7700869377; 2541791; a13vi107; 8111702; 35215210

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 44, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR



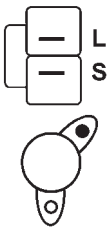


111569 Alternator

Replacing: 24299; -406; 54022578; 24413; 54022415; 66021585; 54022711; AELB710; 2871a007; -651

Servicing: Daf; Ldv International

V. 24, **Amp.** 30, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.70, **Mount. bracket dist.** 82.80, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W



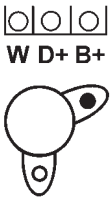


111594 Alternator

Replacing: a2t82899; a2t82899at; -zt; md306649; md366050; 20110236

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.50, **Rotation** CR



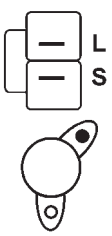


111623 Alternator

Replacing: 1668894; 5027848; 5029902; 894x10300ae; 924x10300ab; 954f10300aa; r924x10300ab; rv94gb10300bb; v94gb

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 11.80, **Mount. bracket dist.** 83.40, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR, **Terminal** W





111626 Alternator

Replacing: a3ta3098; a3ta3098a; md200695; me200695; me201745; -837; me202755; a3t09198; 20130191; lra0468

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 13.20, **Mount. bracket dist.** 54.60, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR

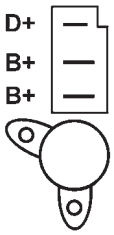



111644 Alternator

Replacing: a13vi109; a13vi80; 2541700; a13vi36; -7; 95667751; 2541408; 11.203.093; aak5359; 35214950

Servicing: Citroen; Peugeot; Iveco

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.40, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR





111652 Alternator

Replacing: 0120489002; -3; -4; -6; -7; -9; -10; -11; -521; -713; -714; -732; -971; -972; 9120080118; 11.201.605

Servicing: Audi; VW

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 108.50, **Rotation** CR





111708 Alternator

Replacing: 219091; 96224432; 219298; 29219091; 20110250; 96252548

Servicing: Daewoo

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 86.50, **Rotation** CR



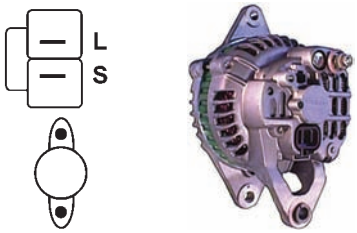

111710 Alternator

Replacing: ac155616; ac165610; -7; -8; 80-5844t; -84p; -84t; 80-7652; 80-7652t; 80-7653; 80-7653t; ac165616; 80

Servicing: Mercury; Omc

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.00, **Rotation** CR/ACR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

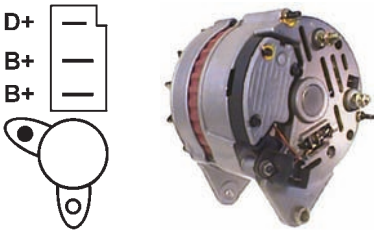


111714 Alternator

Replacing: kk13718300; ab150021; K13718300B; 20130164; KK33918300; KK13718300B

Servicing: Kia

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



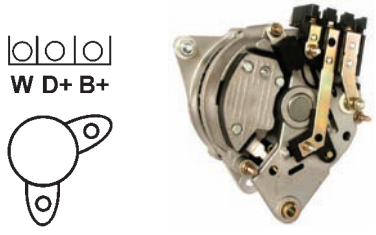
111739 Alternator

Replacing: f0nn10b376ab; 24273; 54022336; 63324273; 24273a; 66021605; LEA0120

Servicing: New Holland; Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 11.40, **Mount. bracket dist.** 82.30, **Fan** EF, **Pulley** w/o, **Rotation** CR

w/ Battery Sensor Terminal

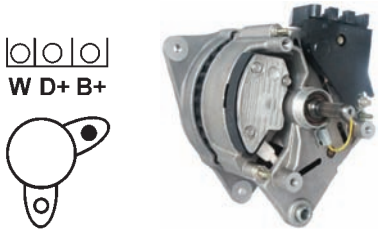


111741 Alternator

Replacing: 0120488149; -78; -79; -80; -242; -243; 5024754; 89bb10300jb; 89bx10300hb; 92vb10300ab; -bb; 01204881

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 11.50, **Mount. bracket dist.** 82.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W



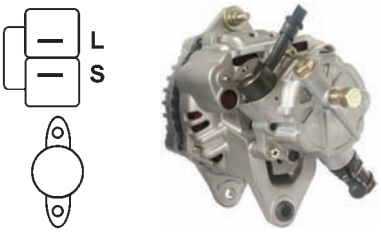
111743 Alternator

Replacing: 914f10300aa; 914f10k359aa; 24316; 54022425; -9; 20110161; LEA0040

Servicing: Ford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 12.25, **Mount. bracket dist.** 82.50, **Fan** w/o, **Grooves in pulley** 4, **Pulley** w/o, **Pulley distance** 33.45, **Rotation** CR, **Terminal** W

w/ Vacuum Pump: Cargo 111367

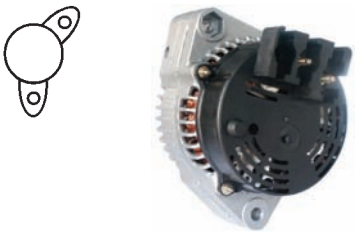


111747 Alternator

Replacing: a3t03099; 23100-22j10; 20130146

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.50, **Rotation** CR

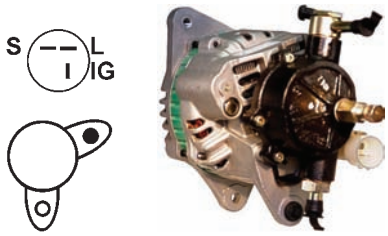


111756 Alternator

Replacing: 63321238; 63341238; yle101520; 63320218; 20110221; 63321342; gnu2478

Servicing: Rover

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 57.90, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.00, **Rotation** CR

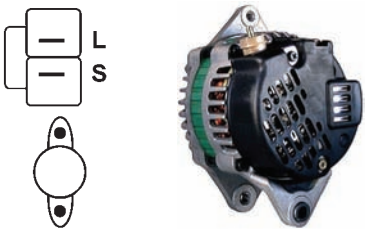


111767 Alternator

Replacing: lr180-501; lr180-501b; -c; lr180-504; 8970626410; 8971338540; 8971348660; 1204170; 6204045; 97134866

Servicing: Opel; Vauxhall; Isuzu

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR

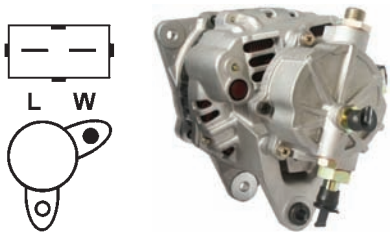


111787 Alternator

Replacing: ab170035; ta000a08101; OK001218300; ok01218300; OK01118300B; -C; -D; 20130166

Servicing: Kia

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR

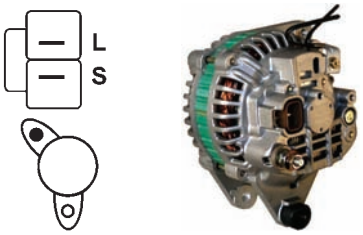


111797 Alternator

Replacing: 1017500; 98vb10k359ba; -b; -c; 98vp10k359ba; -b; a3tn1791; 20110381; 1086299

Servicing: Ford

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.30, **Mount. bracket dist.** 82.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 32.50, **Rotation** CR, **Terminal** W

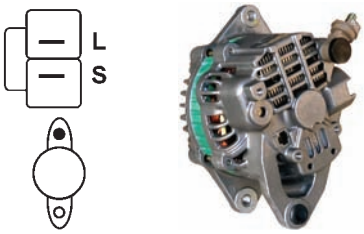


111806 Alternator

Replacing: a3ta0791; a3ta0791a; md313395; md350608; 20110234

Servicing: Mitsubishi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.80, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 25.00, **Rotation** CR



111807 Alternator

Replacing: Z505-18-300A; a2t39391; a2t80391; a2t83491; a2t83491a; a2ta1191; a2ta3991; a2ta5891; 10464206; -388;

Servicing: Mazda; Kia

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR

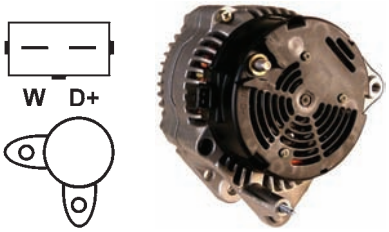


111808 Alternator

Replacing: 1285505; ac203r11524-12; 1285515; 8112272; 880638z

Servicing: Volvo

V. 24, **Amp.** 120, **B+ / position** M10, **B+ position in min** 58, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W

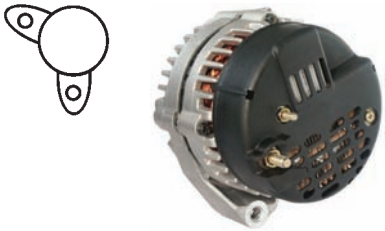


111820 Alternator

Replacing: 0123320019; -27; -34; 9517181; -3; 2541801; a13vi114; 028903027l; -8g; 037903025c; 11.203.080; aak53

Servicing: Skoda; Audi; VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.80, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W

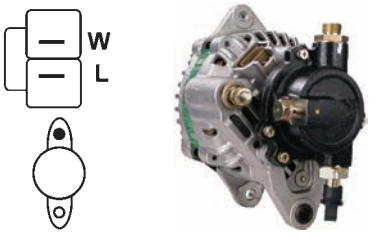


111826 Alternator

Replacing: 0123510044; -102; 0101540302; -402; 0101547402; A0101540302; -402; A0101547402; 20130157

Servicing: Mercedes-Benz; Opel

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 79.50, **Rotation** CR

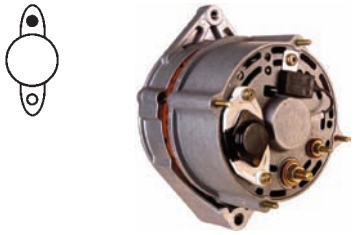


111831 Alternator

Replacing: lr1100-501; lr1100-501b; 8971502010; 6204043; 97150201; 20110299

Servicing: Opel

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 77.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** W

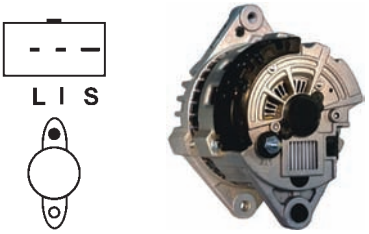


111843 Alternator

Replacing: 0120484011; -8; -26; 9x0341; px0341; 3282554; 11.201.875; AAK5165; A187623; AH137883; 9120060041; 20

Servicing: Case

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 51.00, **Fan** w/o, **Grooves in pulley** 6, **Pulley** w/o, **Pulley distance** 74.60, **Rotation** CR, **Terminal** W

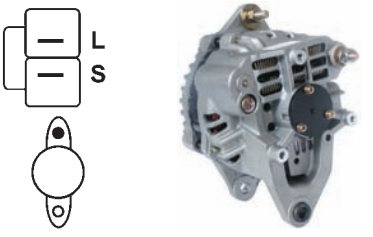


111846 Alternator

Replacing: 219187; 10480000; 96252551; 10490000; -73; 1101517; 96252547; 10480073; 111870; 20110249; 96224431

Servicing: Daewoo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.50, **Fan** EF, **Pulley** w/o, **Rotation** CR



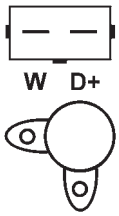
111871 Alternator

Replacing: a3ta2799; a3ta2799a; 23100-0y710; 20130171; a3ta2699

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.25, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 57.75, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



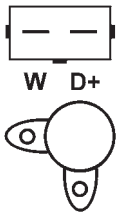


111878 Alternator

Replacing: 0123310037; 9517163; 037903025b; 11.203.076; aak5347; 20110386

Servicing: Skoda; Audi; VW

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W



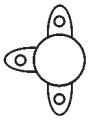


111884 Alternator

Replacing: 0123320038; 028903028j; 11.203.078; aak5349; 35214370; 9517482; 0123310049

Servicing: VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W




111886 Alternator

Replacing: 0120468131; 6033gb3033; 1336136; 1394969; 1409378; 6033gb3034; 860557

Servicing: Scania

V. 24, **Amp.** 65, **B+ / position** M8, **B+ position in min** 23, **Width of holder arm** 23.25, **Mount. bracket dist.** 68.70, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W

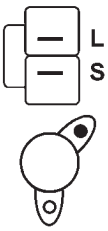



111888 Alternator

Replacing: 0120488205; 11.201.595; aak1363; A187873; 3e7285; 3920679; 0120489475; A181873; AT173624; 0120488293

Servicing: Case

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 50.60, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 81.00, **Rotation** CR, **Terminal** W



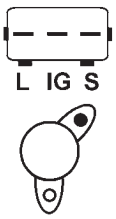


111956 Alternator

Replacing: a3t09199; -699; me200696; -8; 20130169; a3t09698; ME202971; me201838; a3tb1299; lra0469; a3t08699

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.00, **Rotation** CR





111961 Alternator

Replacing: 100213-1740; mgl4005; 27040-54290

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 70.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 146.50, **Rotation** CR

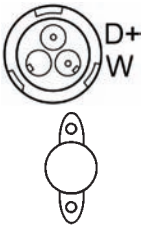



111975 Alternator

Replacing: 1286000; 8112932; 880703z

Servicing: Volvo

V. 12, **Amp.** 115, **B+ / position** M12, **B+ position in min** 55, **Width of holder arm** 22.00, **Mount. bracket dist.** 110.00, **Fan** EF, **Pulley** w/o





111976 Alternator

Replacing: 1286500; 8112933; 880704z

Servicing: Volvo; Ikarus

V. 24, **Amp.** 180, **B+ / position** M12, **B+ position in min** 55, **Width of holder arm** 22.00, **Mount. bracket dist.** 110.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W




111990 Alternator

Replacing: 0124225002; -24; 1204123; 6204076; 90561970; 9192823; 2542543; 24463063; SG7S021; 35215230; 9129823;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 33.50, **Mount. bracket dist.** 55.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 55.00, **Rotation** CR




112046 Alternator

Replacing: 0120484001; al3846201; 1177063; 1178607; 1177063; 1178607; 20130137

Servicing: Iveco; Deutz-fahr

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 56.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




112056 Alternator

Replacing: 0120488168; -9; -86; -87; -202; -204; 244; 3472144; -641; 3493244; -641; -741; -791; 641; -741; -791

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.50, **Rotation** CR, **Terminal** W

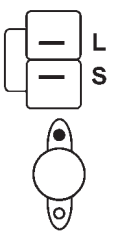



112058 Alternator

Replacing: 9621791680; 9627727180; 9642880280; 2541969; 2542483; a11vi91; sg7s014; 20110438; 57052a; SG7S024; 2

Servicing: Peugeot; Citroen; Fiat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 21.80, **Mount. bracket dist.** 46.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.25, **Rotation** CR



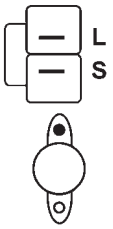


112068 Alternator

Replacing: a7t03371; a7t03371a; 23100-50k10; 20140101

Servicing: Tcm; Nissan

V. 12, **Amp.** 35, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.25, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



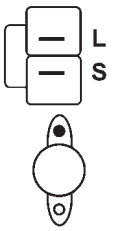


112069 Alternator

Replacing: a7t03771; a7t03771a; 23100-50k15; 20140107

Servicing: Nissan

V. 12, **Amp.** 50, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.10, **Mount. bracket dist.** 81.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR





112086 Alternator

Replacing: 9120334631; -2; 23100-0f000; 20110256

Servicing: Nissan; Ford; Audi

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 43, **Width of holder arm** 13.10, **Mount. bracket dist.** 80.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR




112087 Alternator

Replacing: 9120144605; -6; -10; -11; -15; -16; 9120334627; -8; -36; 23100-d9701; -4; -11; -12; 63304807; 201301

Servicing: Nissan

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.50, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR

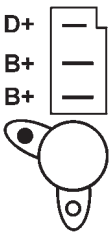



112097 Alternator

Replacing: 0120488252; -3; 0120489410; -2; -612; -638; -639; -792; -793; -794; -795; -796; 2998230; 19025044; -

Servicing: Iveco; Allis Chalmers; Astra; Fahr; Laverda

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W





112112 Alternator

Replacing: 11.201.332; -832; aak3301; 510-810; -1; -2; -3; -22; -23; -24; -25; -26; -42; -59; 9ar2723p; -4p; -3

Servicing: Yanmar; Perkins; Sabre

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR/ACR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

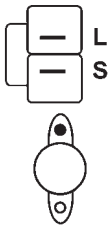



112189 Alternator

Replacing: 0120468140; 5010306007; 860561; 5010306801; 0120468154

Servicing: Renault V.i.

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 27.00, **Mount. bracket dist.** 76.25, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W



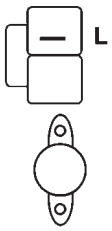


112206 Alternator

Replacing: lr170-740; lr170-740b; 23100-32j01; -3; 20130102

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.70, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.00, **Rotation** CR



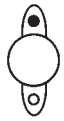


112207 Alternator

Replacing: 9120334635; 23100-g9904; 20130161

Servicing: Nissan

V. 12, **Amp.** 70, **B+ / position** M5, **B+ position in min** 19, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.75, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.85, **Rotation** CR

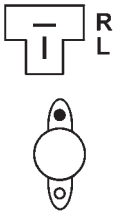



112229 Alternator

Replacing: 0123120001; 0124225028; 456; 10479947; 3493847; -8; 847; -8; -947; 1204108; -21; 6204003; -8; 904437

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 34.00, **Mount. bracket dist.** 59.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.50, **Rotation** CR



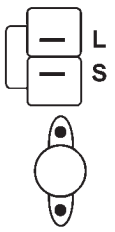


112270 Alternator

Replacing: lr135-105; -15; -16; -24; -26; -27; -28; -58b; lr135-74; lr135-74b; lr135-86; lr135-86b; -c; -f; lr1

Servicing: Mazda

V. 12, **Amp.** 35, **B+ / position** M5, **B+ position in min** 20, **Width of holder arm** 13.50, **Mount. bracket dist.** 81.65, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.85, **Rotation** CR





112297 Alternator

Replacing: 219053; kk33318300; a2t05772; a2t05772x; B675-18-300; B675-18-300A; -B; -C; -D; 20100547

Servicing: Mazda; Kia; Mercury

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.10, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR, **Terminal** W



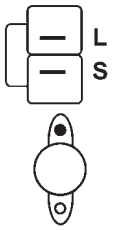


112327 Alternator

Replacing: 37300-38310; ab195126; a3ta5491; a3ta7791; a3tb0291; md343416; md358607; md360635; 4851; 20130174; a

Servicing: Mitsubishi; Hyundai; Kia

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.45, **Rotation** CR



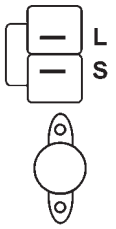


112332 Alternator

Replacing: RFJ5-18-300; RFJ5-18-300B; a2t82378; 31400-77e90; 20130184

Servicing: Suzuki

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.70, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.00, **Rotation** CR





112334 Alternator

Replacing: 02131-9040; ok55518300a; OK55218300B; OK55518300; AF185452; 20130160; ok55318300a

Servicing: Kia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR




112343 Alternator

Replacing: 0120689511; -43; -48; -52; -66; 11.201.902; aat1310; 571520; 1244090; 1254010; 666754; 1179882; 4252

Servicing: Renault V.i.

V. 24, **Amp.** 140, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 15.75, **Mount. bracket dist.** 182.00, **Fan** EF, **Pulley** Double Pulley, **Terminal** W
B- M8

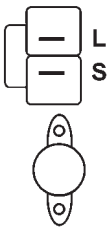



112345 Alternator

Replacing: 0120469014; -798; 1089861; 5003349; -448; 6779261; 8113911; 858884; ia9421; 11.209.436; aan3116

Servicing: Volvo

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 51.50, **Fan** w/o, **Pulley** w/o, **Terminal** W



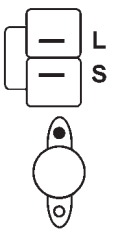


112351 Alternator

Replacing: lr190-734; lr190-734b; -c; -e; -g; 23100-2j600; -1; 20110501; LR190-734H

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.50, **Rotation** CR



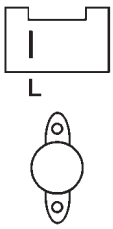


112359 Alternator

Replacing: a3ta4399; 23100-vb310; -1; 20130175

Servicing: Nissan

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 12.90, **Mount. bracket dist.** 80.30, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 41.50, **Rotation** CR



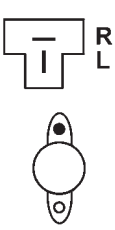


112463 Alternator

Replacing: 2541875; -82; -83; a11vi76; -7; -86; a13vi149; 9031311; -705; 35214355

Servicing: Volvo

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W





112506 Alternator

Replacing: 02121-8027; -5; -6; -70; -71; -72; -73; 20130163; ok64018300g

Servicing: Kia

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.00, **Rotation** CR




112680 Alternator

Replacing: 0123310029; -53; b120411528; 5030656; 7355509; 95ab10300db; -c; r95ab10300db; 20110223

Servicing: Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 44, **Width of holder arm** 14.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR, **Terminal** W

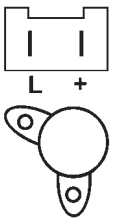



112681 Alternator

Replacing: 46231787; 98490185; 2541678; a13vi72; 35215340

Servicing: Fiat; Citroen

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 69.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR





112707 Alternator

Replacing: a14n152; 2541230; 35214080

Servicing: Renault

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 27.50, **Mount. bracket dist.** 65.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



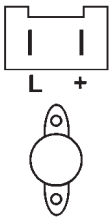


112718 Alternator

Replacing: 54022527; 63321285; -346; 11.203.042; aak5326; 8210242; 20130116; 54022443

Servicing: Ford; New Holland

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 14.00, **Mount. bracket dist.** 83.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 32.00, **Rotation** CR, **Terminal** W





112769 Alternator

Replacing: a13n206; -9; 7700852395; 66021577

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 26.80, **Mount. bracket dist.** 70.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR




112789 Alternator

Replacing: 7700260898; 7701352122; 2541262; a13vi11; 20130217

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 26.50, **Mount. bracket dist.** 66.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.00, **Rotation** CR, **Terminal** W

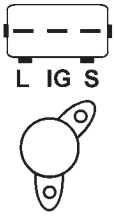



112806 Alternator

Replacing: 0120465007; -8; -22; -23; 0123510014; -61; 054903015c; -k; 078903015a; 20110372

Servicing: Audi; VW; Vauxhall

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.10, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 30.00, **Rotation** CR





112860 Alternator

Replacing: 10463398; 10480095; 321-1018; 27060-02050; 0123325002; -12; -14; 27060-02060; -1; -100; 101211-9280;

Servicing: Toyota; Geo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** Single, **Width of holder arm** 28.00, **Mount. bracket dist.** 42.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR

Replacing: CS121.




113152 Alternator

Replacing: nab9000m; 66021590m

Servicing: Various

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.50, **Mount. bracket dist.** 82.20, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR/ACR, **Terminal** W

For right and left mounting

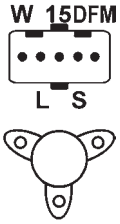



113342 Alternator

Replacing: 859371; 859371z; 869371

Servicing: Sabre

V. 24, **Amp.** 95, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 76.20, **Fan** EF, **Pulley** w/o, **Rotation** CR





113351 Alternator

Replacing: 0124555004; 0124655001; 0124555001; -2; 0124655002; -4; 0111548702; 0124655016; 0111548602; 01215410

Servicing: Mercedes-Benz

V. 24, **Amp.** 100, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 80.00, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W

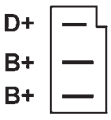



113631 Alternator

Replacing: 20150113; 113639

Servicing: Volvo Penta; BMW; Bukh

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 79.25, **Rotation** CR, **Terminal** W



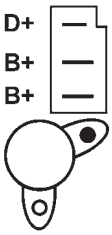


113713 Alternator

Replacing: 47020054; -6; -8; -62; -63; -69; lea438; 66021588; LEA0438

Servicing: Lister

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.20, **Mount. bracket dist.** 83.00, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 45.50, **Rotation** CR, **Terminal** W





113714 Alternator

Replacing: 47020060; lea0440; 66021594

Servicing: Sabre

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 11.20, **Mount. bracket dist.** 83.00, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 45.50, **Rotation** CR, **Terminal** W

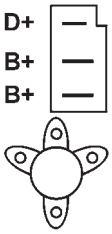
113769 Alternator

Replacing: 8em3002ga; -b; -c; 110-376; at115049; at125430; re28186; ty6679; -80

Servicing: Johnson

V. 24, **Amp.** 42

Miscellaneous





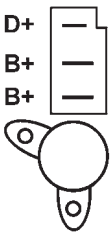
110577 Alternator

Replacing: nab903; 66021134

Servicing: Various

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 80.10, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 115.20, **Rotation** CR, **Terminal** W

W/ Mounting Bracket for left and right side of engine



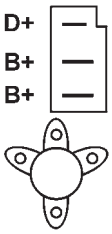


110975 Alternator

Replacing: 0120300563; -4; -84; 0120400670; 0120489058; -551; -569; -789; -975; 54021649; 60021026; -63; -67; -

Servicing: VW; Audi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.85, **Rotation** CR, **Terminal** W





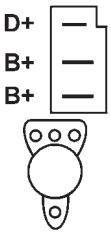
110976 Alternator

Replacing: nab902; -4; 66021153; 111203

Servicing: Various

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 22, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 85.00, **Rotation** CR, **Terminal** W

W/ Mounting Bracket for left and right side of engine



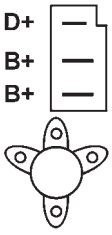


110977 Alternator

Replacing: nab901; -501; 66021168; -74

Servicing: Universal

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 11.00, **Mount. bracket dist.** 84.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.80, **Rotation** CR, **Terminal** W





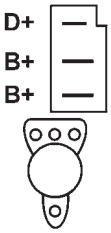
111204 Alternator

Replacing: 23986; -91; -99; 24014; -6; -7; -166; nab905; 23986a; 110978; 66021169

Servicing: Case; Jaguar

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 19, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 54.15, **Rotation** CR

W/ Mounting Bracket for left and right side of engine





112237 Alternator

Replacing: nab900m; 66021126m; lea0441

Servicing: Various

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 10.90, **Mount. bracket dist.** 84.00, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR/ACR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112280 Alternator

Replacing: 35215380

Servicing: Mercury

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.80, **Rotation** CR, **Terminal** W

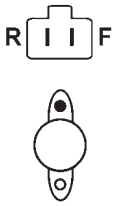



110043 Alternator

Replacing: 0120489192; -702; 9120144111; -4; -8; -9; 2998056; 19025075; 11.201.807; aak3117; 510-289; 9ar3868g;

Servicing: Scania; Renault V.i.; Pegaso; Hanomag

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




110075 Alternator

Replacing: 1102944; 2s945; 86385; 10456414; -5; 1100533; -53; -57; -58; -66; -67; -68; -69; -70; -71; -72; -90;

Servicing: Fiat-Allis; American Motors; Buick; Cadillac; Chevrolet; GMC; International; Jeep; Oldsmobile; Ponti

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR

Replacing: 10 DN As Cargo 110215 (90 Amp.) Regulator: Cargo 130505

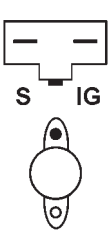



110112 Alternator

Replacing: 0120489643; 9120080114; 2998054; 19025074; 0051548202; 510-347; -8; 9ar3921g; 71554102; 2937390; 293

Servicing: Volvo; Volvo Penta

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 51.00, **Fan** w/o, **Pulley** w/o, **Terminal** W



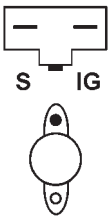

110233 Alternator

Replacing: 1979861; 2n5599; 347205; 3604663rx; 1100110; -09; -1; -3; -5; -6; -7; -9; -20; -21; -22; -24; -25; -

Servicing: Buick; Jeep; American Motors; Cadillac; Chevrolet; GMC; International; Oldsmobile; Pontiac

V. 12, **Amp.** 63, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR

Replacing: 10 SI.




110234 Alternator

Replacing: 1101015; -6; -7; -8; -9; -21; -22; -23; -24; -26; -27; -28; -29; -30; -31; -32; -33; -34; -35; -36;

Servicing: Buick; Chevrolet; Cadillac; GMC; Oldsmobile; Pontiac

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 57, **Width of holder arm** 20.50, **Mount. bracket dist.** 69.00, **Fan** EF, **Pulley** Pulley, **Terminal** W

Replacing: 27 SI.




110235 Alternator

Replacing: 351940; 6t1193; 10479825; -6; -7; 1100145; -83; -84; -87; -223; -282; 1101037; -8; -9; -40; -41; -42

Servicing: Buick; Chevrolet; American Motors; Cadillac; Fiat; GMC; Jeep; Oldsmobile; Pontiac

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 50.70, **Fan** w/o, **Pulley** w/o

Replacing: 15 SI.




110300 Alternator

Replacing: 3603853rx; 1100077; -93; -211; -216; -274; 1105474; -5; -6; 214169; 683594C91; a49652; L72955; 321-6

Servicing: International; Case

V. 24, **Amp.** 65, **B+ / position** M6, **B+ position in min** 57, **Width of holder arm** 11.90, **Mount. bracket dist.** 103.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

Replacing: 27 SI. Neg. ground. Shaft dia. 22mm. Fan 131854.




110325 Alternator

Replacing: 9g6078; 1100092; -499; 1103190; 1105063; -76; 1102871; 1103134

Servicing: Bobcat

V. 12, **Amp.** 18.0, **B+ / position** M6, **B+ position in min** 51, **Width of holder arm** 50.90, **Fan** w/o, **Pulley** w/o, **Rotation** CR

Replacing: 10 SI.




110349 Alternator

Replacing: 19025771; a124-14; a124l; alb12-117; 4052100; 2101-3701000; -5; -10; 2101-3710000; 221-3701000; f221

Servicing: Lada

V. 12, **Amp.** 42, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 18.50, **Mount. bracket dist.** 61.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR
Regulator: Cargo 130613




110350 Alternator

Replacing: 19025772; a124-15; a124-44s; als12-81; 11.201.294; aak4128; 2105-3701005; -10; 222-3701005; -10; kat

Servicing: Lada; Fiat

V. 12, **Amp.** 44, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 19.50, **Mount. bracket dist.** 60.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.50, **Rotation** CR




110416 Alternator

Replacing: 5s6698; 3603850rx; 1117225; -7; -8; -31; -34; -40; -41; -42; -44; -59; -63; -67; -68; -69; 10459018;

Servicing: Volvo; International; Chevrolet; Ford; Freightliner; Kenworth; Mack; Cummins; Caterpillar

V. 12, **Amp.** 75, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.00, **Fan** EF, **Pulley** w/o, **Rotation** CR
Replacing: 25 SI Type 400. Neg. ground.




110471 Alternator

Replacing: 1101157; -240; -241; -242; -243; -244; -245; -298; -299; -300; -301; -304; -305; -324; -332; -484; 1

Servicing: Buick; Chevrolet; American Motors; Cadillac; GMC; Jeep; Oldsmobile; Pontiac

V. 12, **Amp.** 94, **B+ / position** M6, **B+ position in min** 38, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.37, **Rotation** CR
Replacing: 12 SI.




110492 Alternator

Replacing: 1101113; 1105085; -354; -356; -366; -451; -479; -481; -497; -509; -513; -515; -549; -553; -570; -571

Servicing: Buick; Chevrolet; GMC; Oldsmobile; Pontiac

V. 12, **Amp.** 108, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 50.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 74.50, **Rotation** CR
Replacing: 17 SI.




110498 Alternator

Replacing: 10463011; -2; -5; 1101137; -8; -41

Servicing: Chevrolet; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR
Replacing: CS 130.




110499 Alternator

Replacing: 3604669rx; 10463013; -4; -6; -7; -169; -211; 10479811; -4; -909; -910; -913; -998; 10480114; -34; 11

Servicing: Buick; Chevrolet; Oldsmobile; Cadillac; GMC; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR
Replacing: CS 130.




110500 Alternator

Replacing: 10480028; -97; -104

Servicing: Chevrolet; Buick; GMC; Am General; Oldsmobile

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 73.50, **Rotation** CR
Replacing: CS 130.



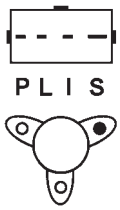

110502 Alternator

Replacing: 10497122; 1101806; 1105677; -8

Servicing: Buick; Chevrolet; GMC; Jeep; Oldsmobile; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.50, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR
Replacing: CS 130.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





110503 Alternator

Replacing: 10463043; -114; -175; 10479815; -963; 1101461; -605; 1105697; -701; 10463264; 1102614

Servicing: Chevrolet; Buick; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 72.50, **Rotation** CR

Replacing: CS 130.




110504 Alternator

Replacing: 1100589; 1102875

Servicing: Buick; Chevrolet; Jeep; International; Fiat-Allis; Case

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 51.00, **Fan** EF, **Pulley** Pulley, **Terminal** W

Same as Cargo 110505 (75 Amp)



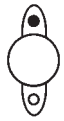

110505 Alternator

Replacing: 3604475rx; 10480058; 1100118; -23; -27; -51; -59; -65; -70; -71; -98; -201; -203; -204; -280; -281;

Servicing: Buick; Jeep; Fiat-Allis; Case; American Motors; Cadillac; Chevrolet; GMC; International; Oldsmobile;

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 50.50, **Fan** w/o, **Pulley** w/o, **Terminal** W

Replacing: CS 130. As Cargo 110504 (90 Amp.).



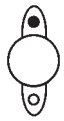

110508 Alternator

Replacing: 1105634; 1100200; -5; -6; -7; -8; -9; -17; -37; -39; -40; -41; -42; -43; -46; -47; -49; -50; -51; -5

Servicing: Jeep; Buick; Chevrolet; Case; American Motors; Cadillac; GMC; Oldsmobile; Pontiac

V. 12, **Amp.** 78, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 50.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00

Replacing: 12 SI.



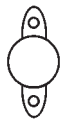

110591 Alternator

Replacing: 0r2415; 5z1083; 8n0999; 9g9538; 3078116; 3604225rx; 1100078; 1117069; -238; -249; -256; -648; 190100

Servicing: Caterpillar

V. 24, **Amp.** 75, **B+ / position** 7/16" UNC, **Width of holder arm** 14.10, **Mount. bracket dist.** 101.50, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR

Replacing: 25 SI. Neg. ground. B+ Terminal 7/16". One wire system.




110611 Alternator

Replacing: 19025037; a124n; alb40-68; -86; 4152101; 4174626; 4329019; 4474903; -4; 4475303; 77138410; 63303100;

Servicing: Fiat; Seat; Allis Chalmers

V. 12, **Amp.** 44, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 17.00, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.00, **Rotation** CR

Regulator: Cargo 130613

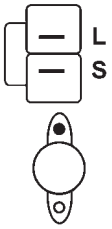



110612 Alternator

Replacing: 0120489127; -738; -739; 19025066; -761; -786; 201003020.0; a115-03; -43; a125-02; a125-45b; als12n-2

Servicing: Fiat; Lancia; Zastava; Bertone

V. 12, **Amp.** 43, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 23.15, **Mount. bracket dist.** 73.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.45, **Rotation** CR





110659 Alternator

Replacing: 37300-24510; -1; ab175015; -53; a2t09292; -493; a2t49992; a5t05091; md012085; md114620; md309333; 37

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.15, **Rotation** CR



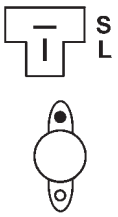


110682 Alternator

Replacing: 100211-3351; -2; 100211-7000; -1; -50; -51; 100211-8031; 27060-16122; -40; -60; -70; -230; -260; 104

Servicing: Toyota; Geo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 58.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.70, **Rotation** CR



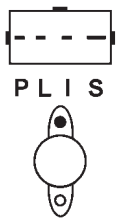


110703 Alternator

Replacing: lr150-111; -51; lr150-151b; lr150-199; -200; lr150-64; lr155-23; 23700-aa030; -40; 42990-7040; -50;

Servicing: Nissan; Subaru

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 15, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.66, **Rotation** CR



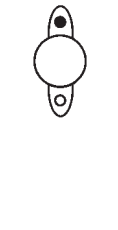


110724 Alternator

Replacing: 10465016; 10479916; 1101291; -483; 1102615; 10463118; 321-409; 112857

Servicing: Buick; Jeep

V. 12, **Amp.** 61/74, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** w/o, **Pulley distance** 71.50, **Rotation** CR
Replacing: CS121.



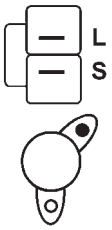


110801 Alternator

Replacing: 0r5217; 3n2706; 3t6352; 3y6691; 5n5692; 6n9294; 7n9720; 9g8255; 3016627rx; 3604676rx; 3923550; 11176

Servicing: International; Fiat-Allis; Cummins; Caterpillar; Atlas Copco; Case

V. 24, **Amp.** 45, **B+ / position** 1/4" UNF, **B+ position in min** 55, **Width of holder arm** 14.80, **Mount. bracket dist.** 101.70, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
Replacing: 20 SI. R-Terminal 8-32(W).





110802 Alternator

Replacing: 37300-33010; -3; -30; hab175120; ta000a34801; ab175020; a3t02892; a3t03391; -2; a3t03392zc; a3t03393

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.25, **Mount. bracket dist.** 77.60, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR





110890 Alternator

Replacing: 0120400943; 0120489107; -34; -46; -47; -763; -770; -838; 19025046; 10910; 46231786; 4721589; -91; -9

Servicing: Alfa Romeo; Iveco; Fiat; Same; Lamborghini

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 65.30, **Fan** w/o, **Pulley** w/o, **Rotation** CR



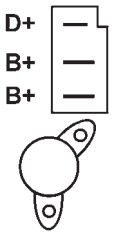


110912 Alternator

Replacing: 0120489020; -135; -170; -541; -542; -641; -642; -742; -743; -752; -753; 9120144201; -2; -38; -39; 19

Servicing: Fiat; Lancia; Seat; Ferrari; Fiat-Allis

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.40, **Mount. bracket dist.** 64.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR





110913 Alternator

Replacing: 0120489016; -7; -77; -81; -262; -712; -773; -774; -868; -869; -870; -871; -872; -873; -980; -981; -9

Servicing: Audi; VW

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 17, **Width of holder arm** 56.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR



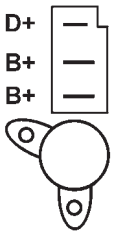


110914 Alternator

Replacing: 0120489120; -2; 053; -65; -206; -220; 3472053; -65; -206; -220; 1204002; -3; -12; -315

Servicing: Opel; Vauxhall

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 30, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.63, **Rotation** CR





110923 Alternator

Replacing: 0120489232; -3; -4; -300; -301; -302; -323; -324; -331; -332; -333; -354; -355; 19025069; 14960; 006

Servicing: Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




110925 Alternator

Replacing: 0120400838; -9; 0120489114; -5; -627; -628; 014; -32; -35; -58; 3472014; -32; -35; -58; 9ar2619g; 12

Servicing: Opel; Vauxhall; Saab

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR




110937 Alternator

Replacing: 10459016; 1117147; -8; -60; -735; -743; 2300j; -60j; 2500j; 2600j; 2700j; 2805j; 4425ja; 4625ja; 472

Servicing: Caterpillar; Cadillac; International

V. 12, **Amp.** 200, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 15.04, **Mount. bracket dist.** 98.17, **Fan** EF, **Insulator** D, **Pulley** w/o, **Terminal** W




110952 Alternator

Replacing: 3604476rx; 1101204; 1102918; -9; 1103031; -123; 1105510; -37

Servicing: Case; Fiat-Allis

V. 24, **Amp.** 40, **B+ / position** M5, **B+ position in min** 8, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.55, **Rotation** CR
Replaces: 10SI

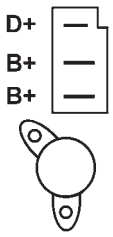



110972 Alternator

Replacing: 0120489121; -3; -4; 050; -2; -67; -68; 3471214; 3472050; -2; -67; -68; 60021054; -5; -6; 66021101; -

Servicing: Opel; Vauxhall

V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 56.10, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 87.90, **Rotation** CR

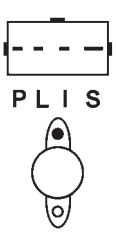



110974 Alternator

Replacing: 0120400782; -840; -841; 0120489108; -9; -629; -630; 002; -27; -28; -57; -272; 3472002; -27; -28; -57

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 86.25, **Rotation** CR




110984 Alternator

Replacing: 10463186; 10479874; -83; 10480092; 1101571; -634; -635; -636; -814; 1102629; -30; -31; 1105661; -89;

Servicing: Buick; Chevrolet; GMC

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.30, **Rotation** CR
Replacing: CS130.




110985 Alternator

Replacing: 1101253; -4; -5

Servicing: Chevrolet; GMC; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** 6.0, **B+ position in min** 15, **Width of holder arm** 50.85, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR
Replacing: CS130.




110986 Alternator

Replacing: 10463035; -6; 1101167; -70; 10463037; 53002898

Servicing: Jeep; Mg

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR
Replacing: CS130.




110991 Alternator

Replacing: 19025752; 433118; 46231750; -61; 7547660; 77235410; 63307403; -6; -503; 63320010; -30; 63321013; -5

Servicing: Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 59, **Width of holder arm** 27.00, **Mount. bracket dist.** 69.65, **Fan** w/o, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 58.65, **Rotation** CR




111032 Alternator

Replacing: 19025799; 63320091; 63321160; 7708433; 7719428; 63321159; aak4561

Servicing: Fiat

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 27.10, **Mount. bracket dist.** 69.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 55.85, **Rotation** CR




111035 Alternator

Replacing: 0120489126; -86; -87; -88; 19025051; -787; -789; 4395131; 4434084; 46231684; -7; 5958394; -5; 596759

Servicing: Fiat; Lancia; Zastava; Autobianchi; Innocenti; Case; Audi; VW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 22.00, **Mount. bracket dist.** 74.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.25, **Rotation** CR, **Terminal** W

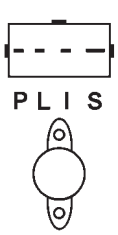



111036 Alternator

Replacing: 19025791; a125-45c; 46231657; -9; -60; 5999868; -9; 77305410; 77347411; 11.201.358; -735; 63320001;

Servicing: Fiat; Lancia; Autobianchi

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 32.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 56.80, **Rotation** CR





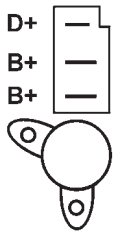
111090 Alternator

Replacing: 10480088; 1101127; -264; -601; -843; 10463419

Servicing: Chevrolet; GMC; Oldsmobile

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.45, **Rotation** CR

Replacing: CS130.





111093 Alternator

Replacing: 0120489321; -2; -5; -6; -7; -8; -9; -30; 19025070; 14965; 0061548702; 0071545302; -402; -502; -602;

Servicing: Mercedes-Benz

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR




111138 Alternator

Replacing: 0120489132; -3; -672; -673; -740; -741; -920; -921; 9120144208; -9; 19025045; 514014; als12n-55; -6;

Servicing: Fiat; Seat; Lancia

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 61.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 46.35, **Rotation** CR




111166 Alternator

Replacing: 0120488159; -64; -65; -90; -91; 0120489633; -4; 105; -6; -39; -239; 3472105; -6; -39; -706; 3493239;

Servicing: Opel; Vauxhall; Lancia; Bedford; Albin

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR




111168 Alternator

Replacing: 0120488203; 0120489123; -4; -5; -947; -948; -950; -951; -952; 051; -66; -208; 3472051; -66; -208; 34

Servicing: Opel; Vauxhall; Ferrari

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 41, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.00, **Rotation** ACR, **Terminal** W




111169 Alternator

Replacing: 0120488172; -3; -92; -93; 120; -1; -220; 3472120; -1; 3493220; -621; -721; 621; 1204070; -87; -105;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 28, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 85.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

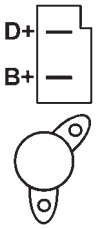



111178 Alternator

Replacing: 0120488170; -1; 0120489108; -9; -10; -11; -629; -630; -631; -632; 134; -234; 3472134; 3493234; -634;

Servicing: Opel; Land Rover; Vauxhall; Bedford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 6, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.85, **Rotation** CR





111180 Alternator

Replacing: 0120339515; -6; -27; -28; 19025042; -63; 10590; 4474729; -52; 4475266; -8; 46231680; 4998353; 771454

Servicing: Fiat; Zastava; Lamborghini; Same; Fiat-Allis

V. 12, **Amp.** 33, **B+ / position** Plug, **B+ position in min** 25, **Width of holder arm** 25.00, **Mount. bracket dist.** 74.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR





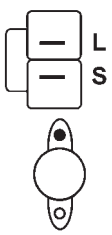
111202 Alternator

Replacing: 10463021; -2; -367; 10479806; -920; -974; 1101148; -9; -259; 1102617

Servicing: Chevrolet; GMC; Isuzu

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.10, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.45, **Rotation** CR

Replacing: CS130.





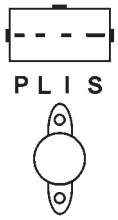
111216 Alternator

Replacing: 9120060027; 44-8950; 44-9571; 5d33839g01; 5d38603g01; 66021606; 9514090; 41-7912; 0120488297; 41-678

Servicing: Thermo King

V. 12, **Amp.** 37, **B+ / position** M6, **B+ position in min** 54, **Width of holder arm** 50.80, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

OAL 165mm.





111220 Alternator

Replacing: 10463214; 10479962; 1102607

Servicing: Buick; Pontiac; Chevrolet; Ford; Oldsmobile

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.15, **Rotation** CR

Replacing: CS130.





111223 Alternator

Replacing: 10463443; 10479991; 10480017; -72; -189; -190; 10463408

Servicing: Chevrolet; GMC

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 32, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR

Replacing: CS130 D.




111232 Alternator

Replacing: 3920615; -6; 1117880; -94; -907; -942; -950; -953; -965; -966; 19010134; -8; -53; -55; -71; -72; -73

Servicing: Volvo; International

V. 12, **Amp.** 115, **B+ / position** 1/4" UNF, **B+ position in min** 52, **Width of holder arm** 14.30, **Mount. bracket dist.** 101.80, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

Replacing: 21 SI. One wire system, B+1/4".




111250 Alternator

Replacing: 1100576; -7; -894; 1102393; -496; 1105478; 1100912; -4; -5

Servicing: Omc; Crusader; Mercruiser

V. 12, **Amp.** 42, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 50.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 74.95, **Rotation** CR

Replacing: 10 SI. One wire system.



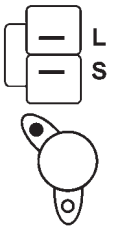

111261 Alternator

Replacing: 0r5206; 1005047; 5s9088; 6t7223; 1117226; -9; -36; -39; -43; -48; -50; -53; -58; 70699268; 0R3667; 9

Servicing: Caterpillar

V. 24, **Amp.** 50, **B+ / position** 7/16" UNC, **B+ position in min** 8, **Width of holder arm** 14.10, **Mount. bracket dist.** 102.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR

Replaces: 25SI.



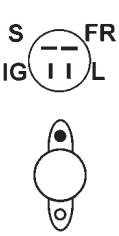


111264 Alternator

Replacing: lr180-725; lr180-725b; -c; -e; lr180-736; lr180-736b; -c; -7b; -7c; a2t13894; a2t34692a; -b; a2t3579

Servicing: Nissan; Infiniti

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 25.45, **Mount. bracket dist.** 81.15, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 37.85, **Rotation** CR



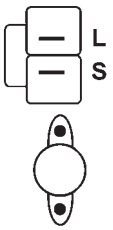


111285 Alternator

Replacing: 31100-p04-g034; 31100-pr5-0030; ahga17; -8; cjn42; -q20; a5t04072; -92; -292; a5t06291; -391; a5t063

Servicing: Honda

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.30, **Rotation** ACR



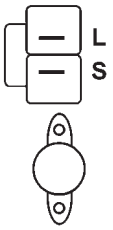


111308 Alternator

Replacing: 219101; lr165-709; lr165-709b; kk37018300; hab160100; ab160044; -63; a5t03391; B3C7-18-300; B3D1-18-

Servicing: Mazda; Ford; Hyundai

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR



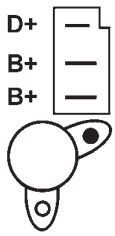


111315 Alternator

Replacing: f32z10346b; K801-18-300; K801-18-300B; -C; -D; a3t08491; a3t08491a; a3t08491zc; KL11-18-300D; 660213

Servicing: Mazda; Ford

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.45, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 37.65, **Rotation** CR





111364 Alternator

Replacing: 0120489251; -2; -92; 6159682; 82bb10300ga; 84ab10300aa; -ma; -mb; 84fb10300aa; 864f10300ea; 86ax1030

Servicing: Ford; Rover

V. 12, **Amp.** 55, **B+ / position** M6-6.3, **B+ position in min** 14, **Width of holder arm** 12.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.50, **Rotation** CR, **Terminal** W





111388 Alternator

Replacing: 10463040; -187; -531; -532; 10479903; -5; 10480136; -7; 1101612; -832; -846; 1105694; -8; 112623

Servicing: Pontiac; Chevrolet; Buick; Oldsmobile

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.35, **Rotation** CR

Replacing: CS130.





111389 Alternator

Replacing: 10463116; -39; -76; -344; 10479897; 10480037; 1101466; -7; -606; 1102602; -3

Servicing: Chevrolet; Oldsmobile; Buick; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR

Replacing: CS130.





111390 Alternator

Replacing: 10480035; 1101642

Servicing: Buick; Oldsmobile; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR

Replacing: CS130.





111391 Alternator

Replacing: 10480052; -196; -233; -235; 10463412

Servicing: Chevrolet; Oldsmobile; Pontiac

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 15.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 36.00, **Rotation** CR

Replacing: CS130.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





111392 Alternator

Replacing: 10480071; -119; -236; -237; -263; 10463405; -390

Servicing: Chevrolet; Buick; Oldsmobile; Pontiac

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 14.00, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 36.00

Replacing: CS130D.



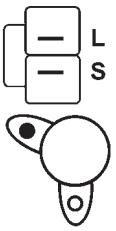


111394 Alternator

Replacing: 31100-p12-a01; 31100-p14-a020m; 31100-pt2-003; 31100-pt3-a01; 31100-pt3-a511m; 31100-pt3-q01; cjp16;

Servicing: Honda

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 56.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.00





111406 Alternator

Replacing: 37300-35560; -3; -70; -71; -73; hab111100; ab111033; -57; a2t01493; a3t12291; a3t12291a; a4t01493; a

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 38, **Width of holder arm** 17.25, **Mount. bracket dist.** 55.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 23.70, **Rotation** CR




111418 Alternator

Replacing: 0120488284; 0120489336; -7; 19025068; 4799364; 4808500; -2; -7; 11.201.585; aak4530; 63320024; 63321

Servicing: Iveco; Fiat; Alfa Romeo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 17.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR

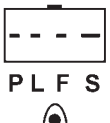



111426 Alternator

Replacing: 0123505002; 0124415008; 10479923; 10480222; 3493409; -823; -824; -923; -927; 384; -409; -823; -824;

Servicing: Opel; Vauxhall; Isuzu

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 33.75, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 51.50, **Rotation** CR





111486 Alternator

Replacing: 33003511; 10463117; -77; -208; 10479898; -937; -938; 1101271; -475; -608

Servicing: Buick; Oldsmobile

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR

Replacing: CS130.




111514 Alternator

Replacing: 0123505003; 10479955; 10480226; 3493455; -814; -855; -914; -955; 455; -814; -855; -914; -955; 104799

Servicing: Opel; Saab; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 34.00, **Mount. bracket dist.** 56.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR




111621 Alternator

Replacing: 19025076; 7565832; 63320034; 63321067; a13e50; 2541399

Servicing: Fiat; Lancia; Autobianchi

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 32.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 57.50, **Rotation** CR




111647 Alternator

Replacing: 21EA00050; 2191166; 390087

Servicing: John Deere; New Holland; Timberjack; Cummins; Komatsu

V. 24, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 15.00, **Mount. bracket dist.** 102.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.25, **Rotation** CR




111654 Alternator

Replacing: 19025059; -62; 46231762; 7552382; 7701840; 11.201.334; -696; aak4150; -60; -557; 63320013; -7; -20;

Servicing: Fiat; Lancia

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.00, **Mount. bracket dist.** 64.00, **Fan** EF, **Pulley** Serpentine Pulley, **Rotation** CR/ACR




111656 Alternator

Replacing: 0120489116; -7; -766; -767; 023; -6; -37; -48; -59; 3472023; -6; -37; -48; -59; 1204006; -14; -69; -

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR




111665 Alternator

Replacing: 0120488162; -3; 0120489125; -949; -952; 119; -219; 3472119; 3493119; -219; 1204076; 0120488174; -5;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 28, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.00, **Rotation** CR




111686 Alternator

Replacing: 0120489018; -136; -152; -153; -212; -219; 19025060; 4765931; -3; -4; 4787668; -71; 4808506; -10; -17

Servicing: Alfa Romeo; Fiat; Lancia; Lamborghini; Laverda; Iveco

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.00, **Mount. bracket dist.** 71.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.50, **Rotation** CR




111708 Alternator

Replacing: 219091; 96224432; 219298; 29219091; 20110250; 96252548

Servicing: Daewoo

V. 12, **Amp.** 85, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 86.50, **Rotation** CR




111711 Alternator

Replacing: 10480069; -82; -87; 10463418; -389; -3

Servicing: Chevrolet; GMC

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR

Replacing: CS130.



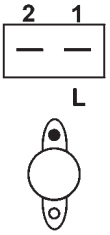

111712 Alternator

Replacing: 10480167; -8; -98; 10463652; -1; -90; -940

Servicing: Chevrolet; GMC

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 44, **Width of holder arm** 50.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.50, **Rotation** CR

Replacing: CS130D.




111713 Alternator

Replacing: 10479924; -5; -7; -9; 1101194; -205; -439; -440; 1105418; -535; -536; -539; -540; -560; -579; 321-66

Servicing: Case; Ford; John Deere; New Holland; Allis Chalmers

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 71.00, **Rotation** CR

Replacing: 15 SI.



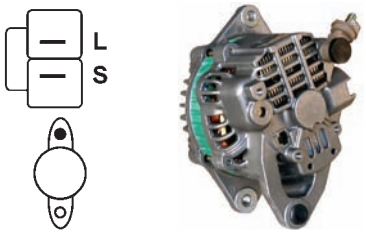

111800 Alternator

Replacing: 0120489341; -3; 070; -188; 3472070; -188; 3493620; 620; 1101199; 11.201.297; aak4131; 1204043; -4; -

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.00, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

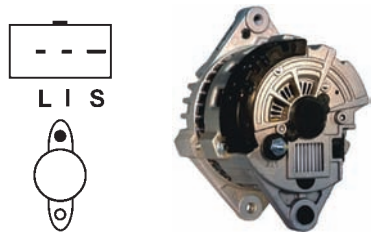


111807 Alternator

Replacing: Z505-18-300A; a2t39391; a2t80391; a2t83491; a2t83491a; a2ta1191; a2ta3991; a2ta5891; 10464206; -388;

Servicing: Mazda; Kia

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR

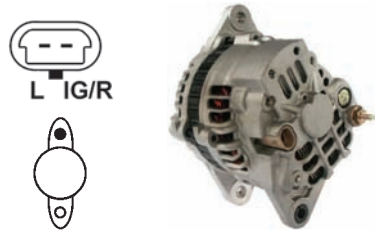


111846 Alternator

Replacing: 219187; 10480000; 96252551; 10490000; -73; 1101517; 96252547; 10480073; 111870; 20110249; 96224431

Servicing: Daewoo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.50, **Fan** EF, **Pulley** w/o, **Rotation** CR

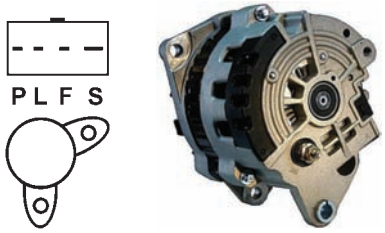


111847 Alternator

Replacing: 96314258; 96380673; 219170; ab165104; 96380673; 96518124; 219251

Servicing: Daewoo; Chevrolet

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 15.10, **Mount. bracket dist.** 65.30, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR



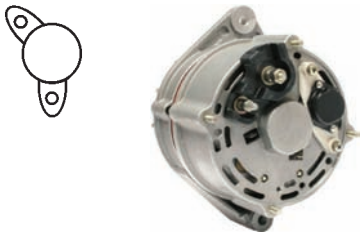
111854 Alternator

Replacing: 10463375; -624; 10480157; 1101644

Servicing: Chevrolet; Pontiac

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 11.70, **Mount. bracket dist.** 78.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.50, **Rotation** CR

Replacing: CS 130.

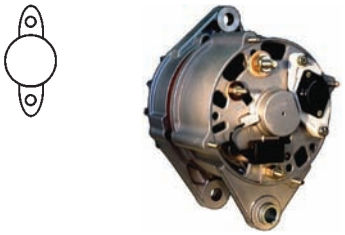


112056 Alternator

Replacing: 0120488168; -9; -86; -87; -202; -204; 244; 3472144; -641; 3493244; -641; -741; -791; 641; -741; -791

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.50, **Rotation** CR, **Terminal** W

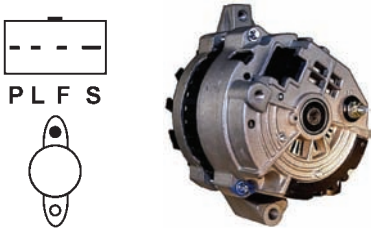


112097 Alternator

Replacing: 0120488252; -3; 0120489410; -2; -612; -638; -639; -792; -793; -794; -795; -796; 2998230; 19025044; -

Servicing: Iveco; Allis Chalmers; Astra; Fahr; Laverda

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W



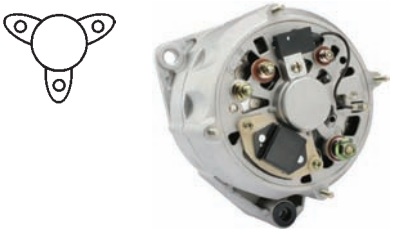
112126 Alternator

Replacing: 10463006; 1101184; 1105612; -62; -63; -64; -65; 110501

Servicing: Chevrolet; GMC; Pontiac

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Serpentine Pulley, **Pulley distance** 75.50, **Rotation** CR

Replacing: CS 130.

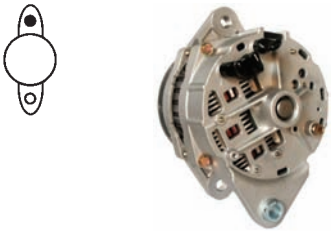


112159 Alternator

Replacing: 0120468107; -13; -18; -37; 6033gb3054; b120500755; 1298995; 0071549202; -902; 5010217961; 0120468117

Servicing: Mercedes-Benz; Man; Daf; Renault V.i.

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 80.40, **Fan** EF, **Pulley** Double Pulley, **Rotation** CR, **Terminal** W



112160 Alternator

Replacing: 3251135; 3920617; -8; 1117897; -900; -944; 19010108; -11; -48; -82; -99; 19020300; -46; -77; -82; 10

Servicing: John Deere; New Holland; Timberjack; Cummins; Komatsu

V. 24, **Amp.** 70, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 14.25, **Mount. bracket dist.** 101.50, **Fan** EF, **Pulley** w/o, **Rotation** CR

Replacing: 21 SI. Neg. connection. One wire system.






112165 Alternator

Replacing: 461; 10480214; -5; 214; -5; drx08378; 7700870818; 7700872258; -348; 8111838; -9; 872258; 7700972258;

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 23, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.70, **Rotation** CR




112229 Alternator

Replacing: 0123120001; 0124225028; 456; 10479947; 3493847; -8; 847; -8; -947; 1204108; -21; 6204003; -8; 904437

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 34.00, **Mount. bracket dist.** 59.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.50, **Rotation** CR




112260 Alternator

Replacing: 3t7070; 9l5938; 9l6463; 213298; -9; 3603851rx; 1100072; -3; -80; -81; -84; -86; -87; -89; -90; -185;

Servicing: Volvo; International; Chevrolet; Case; Allis Chalmers; Cummins

V. 12, **Amp.** 80, **B+ / position** M5, **B+ position in min** 58, **Width of holder arm** 12.60, **Mount. bracket dist.** 103.45, **Fan** w/o, **Pulley** w/o

Replacing: 27 SI. Neg. ground.




112261 Alternator

Replacing: 4n3986; 3000347rx; 10459002; 1117734; -46; -805; 100211-0890; 1117831; 0R5203; 10459057; 1117836; -8

Servicing: Caterpillar

V. 24, **Amp.** 75, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.75, **Fan** EF, **Insulator** D, **Pulley** w/o

Replacing: 30Si.




112262 Alternator

Replacing: 3008988; 3603854rx; 1117067; -8; -481; -483; -484; -485; -744; -814

Servicing: Volvo; International; Ford; Chevrolet; Freightliner; Kenworth; Mack; Cummins

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 13.30, **Mount. bracket dist.** 101.60, **Fan** EF, **Pulley** w/o

Replacing: 30Si. Neg. connection. 12/24V. adapter.




112263 Alternator

Replacing: 3000346; 1117233; -7; -46; -733; -747; 0R5204; OR5204; -5; 1N9406; 4N3987; 3604679RX; 10459325

Servicing: Cummins; Caterpillar

V. 32, **Amp.** 50/60, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 13.75, **Mount. bracket dist.** 102.45, **Fan** EF, **Insulator** D, **Pulley** w/o

Replacing: 25Si.




112264 Alternator

Replacing: 3062333; 1117801; -9; -11; -12; -13; -16

Servicing: Volvo; International; Ford; Freightliner; Kenworth; Mack; Caterpillar; Cummins

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.60, **Fan** EF, **Pulley** w/o

Replacing: 30Si. Neg. ground.



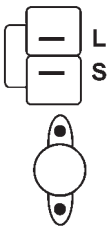

112265 Alternator

Replacing: 3056492; 3072483; 1117817; -28

Servicing: Cummins

V. 24, **Amp.** 100, **B+ / position** 1/4" UNF, **B+ position in min** 12, **Width of holder arm** 13.80, **Mount. bracket dist.** 101.10, **Fan** EF, **Pulley** w/o, **Rotation** CR

Replacing: 30Si. Neg. ground.





112297 Alternator

Replacing: 219053; kk33318300; a2t05772; a2t05772x; B675-18-300; B675-18-300A; -B; -C; -D; 20100547

Servicing: Mazda; Kia; Mercury

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.10, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112303 Alternator

Replacing: 3603852rx; 10463074; 1100075; -6; -82; -83; -88; -214; 1105461; -6; -8; -71

Servicing: Cummins; Caterpillar

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 102.00, **Pulley** w/o

Replacing: 27 Si. Pos. ground.





112337 Alternator

Replacing: 10479993; 1101582; 1105710

Servicing: Chevrolet; GMC

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR

Replacing: CS130.





112338 Alternator

Replacing: 10463092; -164; -165; -245; 10479802; -7; -8; -921; -922; 1101293; -317; -318; -620; -628; -629; 104

Servicing: Chevrolet; GMC

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR

Replacing: CS130.




112409 Alternator

Replacing: 0124415001; -23; 3493226; 10480423; 1204155; 6204097; 90589722; 9195752

Servicing: Porsche; Opel; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 33.40, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 54.50, **Rotation** CR




112416 Alternator

Replacing: 0124415002; 10480225; 6204098; 90561971; 9195753; 9201489; 0986042741; ia9426; 11.209.441; aak5723;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 29, **Width of holder arm** 33.50, **Mount. bracket dist.** 57.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 53.35, **Rotation** CR





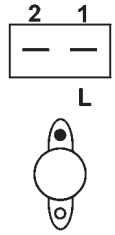
112447 Alternator

Replacing: 33002941; 4609003; 1101266; -7; 1102644

Servicing: Dodge; Eagle

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 12.90, **Mount. bracket dist.** 81.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR

Replacing: CS130.





112448 Alternator

Replacing: 1101020; -50; -59; -91; -109; -178; -435; 1105577; -345; -637; 321-136; 334-2145; 10463308; 1972724

Servicing: Buick; Chevrolet; Oldsmobile; Cadillac; GMC; Pontiac

V. 12, **Amp.** 100, **B+ / position** 3/8" UNF, **B+ position in min** 58, **Width of holder arm** 20.45, **Mount. bracket dist.** 69.80, **Fan** w/o, **Pulley** w/o

Replacing: 27Si. Neg. ground.





112449 Alternator

Replacing: 1101186; -229; -275; -292

Servicing: Eagle; Chevrolet; Dodge; GMC; Oldsmobile; Pontiac

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Pulley, **Pulley distance** 73.50, **Rotation** CR

Replacing: CS130.




112561 Alternator

Replacing: 0120469115; -6; 6033gb3019; -22; -27; 0091549702; -802; 0101549002; -102; 0120469117; A0091549702; -

Servicing: Mercedes-Benz

V. 24, **Amp.** 80, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 80.00, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 111.00, **Rotation** CR, **Terminal** W




112611 Alternator

Replacing: 10480195; -238
Servicing: Oldsmobile
V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 58.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 31.00
Replacing: CS130D.





112612 Alternator

Replacing: 10463842; 10464419; 10480259; -17; -353
Servicing: Pontiac; Chevrolet; Oldsmobile; Buick
V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 55.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 36.50, **Rotation** CR
Replacing: CS130D.





112613 Alternator

Replacing: 10463406; -632; 10479981; 10480188
Servicing: Chevrolet; GMC; Oldsmobile
V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR
Replacing: CS130D.





112614 Alternator

Replacing: 10463407; 10479984; 10480187
Servicing: Chevrolet; GMC; Isuzu
V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR
Replacing: CS130D.





112615 Alternator

Replacing: 10463630; -966; 10464073; -5; 10480182; -240; -262; -264; -307; -378; 10464409; 321-1753; -97
Servicing: Chevrolet; Buick; Pontiac
V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 15.35, **Mount. bracket dist.** 39.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR
Replacing: CS130D.





112616 Alternator

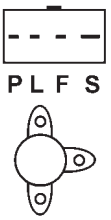
Replacing: 10463685; 10480078
Servicing: Chevrolet
V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 72.00, **Rotation** CR
Replacing: CS130D.





112618 Alternator

Replacing: 10464410; -31; 10480076; -289; -321; -361; 10463639; 10464087
Servicing: Chevrolet; Pontiac
V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 71.50, **Rotation** CR
Replacing: CS130D.





112619 Alternator

Replacing: 10463838; 10464069; 10480191; -250
Servicing: Buick
V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.00
Replacing: CS130D.




112621 Alternator

Replacing: 1101346; -618; 1105722
Servicing: Buick; Chevrolet; Oldsmobile; Cadillac; GMC; Pontiac
V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 70.00
Replacing: CS 130D.

Abbrevations, see first pages.
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112622 Alternator

Replacing: 10479895; 1101344; -603

Servicing: Pontiac; Chevrolet; Oldsmobile

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 75.00





112624 Alternator

Replacing: 10479902; -11; 10480036; -68; 1101142; -3; -595; -810; 1102601; 10463169; 1101346

Servicing: Buick; Chevrolet; Dennis; Cadillac; GMC; Oldsmobile; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR

Replacing: CS 130.





112625 Alternator

Replacing: 10463010; 1101135

Servicing: Buick; Oldsmobile; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6S, **B+ position in min** 52, **Width of holder arm** 50.90, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.50, **Rotation** CR

Replacing: CS130.




112626 Alternator

Replacing: 1101246; -136

Servicing: Buick; Pontiac

V. 12, **Amp.** 100/105, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.00

Replacing: CS 130.





112627 Alternator

Replacing: 1101521; -00; -616; -617; -637

Servicing: GMC; Pontiac; Chevrolet

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 50.90, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.50, **Rotation** CR

Replacing: CS 130.





112628 Alternator

Replacing: 10463376; 10479896

Servicing: Buick; Oldsmobile

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 75.00, **Rotation** CR

Replacing: CS 130.





112629 Alternator

Replacing: 10463045; -104; 10479906; -12; 1101599; -600; -645; -646; -647; 1105711; -5; 10463002; -1; -148; -18

Servicing: Chevrolet; Daewoo; Buick; Cadillac; GMC; Oldsmobile; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.90, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.50, **Rotation** CR

Replacing: CS130.





112630 Alternator

Replacing: 10463004; 1105669; -70; 1101124; -3

Servicing: Buick; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 79.30, **Rotation** CR

Replacing: CS 130.





112631 Alternator

Replacing: 10463029; 1101144; -5; -90

Servicing: Buick; Oldsmobile; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.90, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 73.50, **Rotation** CR

Replacing: CS 130.




112632 Alternator

Replacing: 1101181; -273; 10463025; -62; 321-323; -61; 1101146; -79; -272; -577

Servicing: Chevrolet; GMC; Oldsmobile

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 50,
Width of holder arm 51.00, **Fan** EF,
Grooves in pulley 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.00
Replacing: CS 130.




112633 Alternator

Replacing: 10463039; -105; -416; 1105688; -712; -716; 1101619; -21; -30

Servicing: Chevrolet; GMC

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 35,
Width of holder arm 51.00, **Fan** EF,
Grooves in pulley 6, **Pulley** Serpentine Pulley, **Pulley distance** 75.00
Replacing: CS 130.

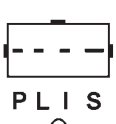



112634 Alternator

Replacing: 10463085; 10479121; 1101125; -6; 1105671; -2

Servicing: Buick; Chevrolet; GMC; Oldsmobile; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 52,
Width of holder arm 50.70, **Fan** EF,
Grooves in pulley 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.50, **Rotation** CR
Replacing: CS 130.




112635 Alternator

Replacing: 1101465; -807; -815; 1105718; -20

Servicing: Chevrolet; GMC

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15,
Width of holder arm 51.00, **Fan** EF,
Grooves in pulley 5, **Pulley** Serpentine Pulley, **Pulley distance** 73.00
Replacing: CS 130.




112636 Alternator

Replacing: 10463094; 1101310

Servicing: Buick; Chevrolet; Oldsmobile; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15,
Width of holder arm 50.70, **Fan** EF,
Grooves in pulley 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR
Replacing: CS 130.




112637 Alternator

Replacing: 10463088; -91; 1101107; -1

Servicing: Chevrolet; Oldsmobile; Buick; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 35,
Width of holder arm 51.00, **Fan** EF,
Grooves in pulley 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR
Replacing: CS130.




112638 Alternator

Replacing: 10463150; -67; -82; -345; 10479901; 10480027; -40; 1101577; -649; -650; 1102604

Servicing: Buick; Chevrolet; Oldsmobile; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15,
Width of holder arm 51.00, **Fan** EF,
Grooves in pulley 6, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR
Replacing: CS 130.




112639 Alternator

Replacing: 10463415; -24; 10480084; -94

Servicing: Chevrolet; GMC; Pontiac

V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 50,
Width of holder arm 50.90, **Fan** EF,
Grooves in pulley 6, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR
Replacing: CS 130.




112640 Alternator

Replacing: 10479994; -7; 10480086; -99; 1101110; -1; -632; -633; 10463417; -25

Servicing: Buick; Cadillac; Chevrolet; GMC; Pontiac; Oldsmobile

V. 12, **Amp.** 100/105, **B+ / position** M5, **B+ position in min** 15,
Width of holder arm 51.00, **Fan** EF,
Grooves in pulley 6, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR
Replacing: CS 130.

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.




112641 Alternator

Replacing: 10479976
Servicing: Freightliner
V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 12.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 23.00
Replacing: CS 130.





112642 Alternator

Replacing: 10463411; 10480181; -025
Servicing: Buick; Chevrolet; Oldsmobile; Pontiac
V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 11.70, **Mount. bracket dist.** 56.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.50, **Rotation** CR
Replacing: CS 130.





112643 Alternator

Replacing: 10463604; 10480055
Servicing: Chevrolet; Pontiac
V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 50.90, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 73.50, **Rotation** CR
Replacing: CS 130.





112644 Alternator

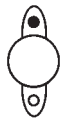
Replacing: 10463422; 10480091; 10463421; 10480090
Servicing: GMC
V. 12, **Amp.** 100/105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.90, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.50, **Rotation** CR





112645 Alternator

Replacing: 10463640; 10480172; -265
Servicing: Buick; Oldsmobile; Pontiac
V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 11.70, **Mount. bracket dist.** 54.90, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 35.50, **Rotation** CR
Replacing: CS 130.




112657 Alternator

Replacing: 219072; 21ea00040; 390086
V. 24, **Amp.** 60, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 14.85, **Mount. bracket dist.** 101.00, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 42.75, **Rotation** CR





112661 Alternator

Replacing: 10480127; 10463525
Servicing: Buick; Chevrolet; Oldsmobile; Pontiac
V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.00, **Rotation** CR
Replacing: CS 130.




112662 Alternator

Replacing: 1101478; -80; 7602; -945; 10463144
Servicing: Chevrolet; GMC
V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00





112663 Alternator

Replacing: 21022772; -3; 21023515; -705; -724; -743; 8107; 21021447; 8215; 21023516; -702; 21022893
Servicing: Saturn
V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 33, **Width of holder arm** 12.30, **Mount. bracket dist.** 77.90, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR
Replacing: CS 130.




112664 Alternator

Replacing: 1101171; -2; 7817; -8

Servicing: Jeep

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 71.00

Replacing: CS 121, 130.





112665 Alternator

Replacing: 10480251; -4; 8231; 10464084

Servicing: Chevrolet; GMC; Isuzu; Oldsmobile

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 50.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.50, **Rotation** CR

Replacing: CS 130.

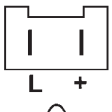



112720 Alternator

Replacing: 0124415010; 273; 3493273; 6204074; 9132653; 1204054; 9119309; IA9424; 11.209.439; aak5722

Servicing: Opel; Vauxhall

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 33.40, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 54.00, **Rotation** CR






112751 Alternator

Replacing: 3472170; a13n159; 7700796221; 7701351758; 7701499437; 2541119; -468; 5002634; 3472171

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.50, **Rotation** CR




112775 Alternator

Replacing: 0120488255; 3493706; -17; 706; -17; 1204128; -219; 90442072

Servicing: Opel; Mercedes-Benz; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 55.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 90.00, **Rotation** CR




112805 Alternator

Replacing: 3493704; -15; 1204217

Servicing: Opel; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.50, **Rotation** CR




112824 Alternator

Replacing: 19020302; -3; 10459190; -1; -3; 3604666AX; 19020323; 10459188; -9; -92; 19020801; 321-739; 19020358;

Servicing: International; Freightliner; Kenworth; Mack

V. 12, **Amp.** 145, **B+ / position** 5/16" UNC, **B+ position in min** 52, **Width of holder arm** 14.10, **Mount. bracket dist.** 100.60, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W

Replacing: 22SI. Neg. ground. One wire system. R-terminal universal.




112834 Alternator

Replacing: 19020305; -6; -10; 10459205; -54; 19020379; -08; -12; 10459217; -472; 19020381

Servicing: International; Ford

V. 12, **Amp.** 145, **B+ / position** 1/4" UNF, **B+ position in min** 50, **Width of holder arm** 13.20, **Mount. bracket dist.** 101.50, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** R

replacing: 22SI. One wire system. b+ Terminal 1/4"-unc. I-Terminal universal.




112849 Alternator

Replacing: 10480241; 10464421; 321-1784; 10480411; 10464455

Servicing: Pontiac; Buick

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 74.00, **Mount. bracket dist.** 79.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 53.30

Replacing: AD 230.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





112850 Alternator

Replacing: 10480229; 10464404; 321-1748; 10480388; 10464438; 10480326; 321-1798; 10464451; 321-1811

Servicing: Chevrolet; GMC; Cadillac

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 50.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.50, **Rotation** CR

Replacing: AD 230.





112851 Alternator

Replacing: 10480368; -428; 10464441; -06; 321-1801

Servicing: Buick

V. 12, **Amp.** 125, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 74.30, **Mount. bracket dist.** 74.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 53.00, **Rotation** CR

Replacing: AD 237.





112852 Alternator

Replacing: 10480327; -41; 10464395; 321-1739

Servicing: Oldsmobile

V. 12, **Amp.** 125, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 31.40, **Mount. bracket dist.** 75.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR

Replacing: AD 237.





112853 Alternator

Replacing: 10480234; 10464405; 321-1749; 10480390; 15750871; 15768830; 10754097

Servicing: Chevrolet; GMC; Cadillac; Isuzu; Buick

V. 12, **Amp.** 130, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 71.70, **Rotation** CR

Replacing: AD 244.





112855 Alternator

Replacing: 53004632; 10463050; 321-344; 1101168

Servicing: Jeep

V. 12, **Amp.** 61, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 69.00, **Rotation** CR

Replacing: CS121.




112856 Alternator

Replacing: 10463102; 1101320; 321-393

Servicing: Buick; Oldsmobile

V. 12, **Amp.** 74, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 78.00

Replacing: CS121.





112858 Alternator

Replacing: 10479816; 1101321; 10463103; -33; 1101565; 321-394; -424

Servicing: Buick; Pontiac

V. 12, **Amp.** 74, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 72.00, **Rotation** CR

Replacing: CS121.





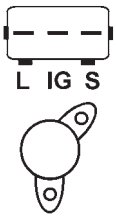
112859 Alternator

Replacing: 321-1054; 10463447; 10480067

Servicing: Chevrolet

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 72.50, **Rotation** CR

Replacing: CS121.





112860 Alternator

Replacing: 10463398; 10480095; 321-1018; 27060-02050; 0123325002; -12; -14; 27060-02060; -1; -100; 101211-9280;

Servicing: Toyota; Geo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** Single, **Width of holder arm** 28.00, **Mount. bracket dist.** 42.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR

Replacing: CS121.





112861 Alternator

Replacing: 21023969; 21024727; 21022992; 21024485; -6; -726; 21025094; -339; 10464477; 321-1846

Servicing: Saturn

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 13.60, **Mount. bracket dist.** 79.10, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR

Replacing: CS 121D.





112862 Alternator

Replacing: 10480115; 10463402; 321-1022

Servicing: Buick; Chevrolet; Oldsmobile; Pontiac

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.50, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 75.50, **Rotation** CR

Replacing: CS 130.




112865 Alternator

Replacing: 10480207; 10463840; 321-1140

Servicing: Chevrolet; Oldsmobile

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 74.00, **Mount. bracket dist.** 78.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.50

Replacing: CS 130D.





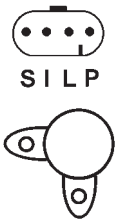
112866 Alternator

Replacing: 10480218; -60; 10463843; 10464072; 321-1143; -420

Servicing: Buick; Chevrolet; Oldsmobile; Pontiac

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 20.00, **Mount. bracket dist.** 38.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.50, **Rotation** CR

Replacing: CS 130D.





112867 Alternator

Replacing: 10480301; -51; -54; 10464420; 321-1434; -768; 10464086

Servicing: Oldsmobile; Pontiac; Chevrolet

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 20.00, **Mount. bracket dist.** 38.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR

Replacing: CS 130D.





112868 Alternator

Replacing: 10480184; 10463839; 321-1139

Servicing: Chevrolet; Oldsmobile; Pontiac

V. 12, **Amp.** 102, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 74.00, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 55.00, **Rotation** CR

Replacing: CS 130D.





112869 Alternator

Replacing: 10480299; -332; 10464097; 321-1441; 10464401

Servicing: Chevrolet; Oldsmobile

V. 12, **Amp.** 102, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 74.00, **Mount. bracket dist.** 76.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 53.00, **Rotation** CR

Replacing: CS 130D.




112870 Alternator

Replacing: 10480308; -42; -43; 10464070; -407; 321-1418; -751; 10464402

Servicing: Chevrolet; Pontiac

V. 12, **Amp.** 102, **B+ / position** M8, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00

Replacing: CS 130D.




112871 Alternator

Replacing: 10480292; -330; -352; 10464412; -25; 321-1756; -85; 10464413; -29; 10480331; 321-1757; -89; 10464415

Servicing: Buick; Pontiac; Chevrolet

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 74.00, **Mount. bracket dist.** 79.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 57.00

Replacing: CS 130D.

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.





112872 Alternator

Replacing: 10480317; 10464414; 321-1758; 10480318; -36; 10464427; -4

Servicing: Chevrolet

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 30, **Width of holder arm** 74.00, **Mount. bracket dist.** 74.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 53.50, **Rotation** CR

Replacing: CS 130D.





112873 Alternator

Replacing: 10480296; -7; -310; -311; 10464088; 10480366; 321-1436; 10464089; 321-1437; 10464080; 321-1428; 1046

Servicing: Cadillac

V. 12, **Amp.** 100, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 71.75, **Rotation** CR

Replacing: CS 144.





112874 Alternator

Replacing: 10464403; 10480347; 321-1747

Servicing: Volvo; Chevrolet; Oldsmobile; Pontiac

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 13.70, **Mount. bracket dist.** 55.40, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 36.50, **Rotation** CR

Replacing: CS 144.





112875 Alternator

Replacing: 10463637; 10480077; 321-1096

Servicing: Chevrolet; Oldsmobile; Pontiac

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 13.70, **Mount. bracket dist.** 55.10, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR

Replacing: CS 144.





112876 Alternator

Replacing: 1101331; 1105616; 10456319; 10497107; 1101325; 1105615; 321-297; 1101326

Servicing: Buick; Oldsmobile

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.50, **Rotation** CR

Replacing: CS 144.





112877 Alternator

Replacing: 10463027; -95; -120; 1101183; -349; 321-325; -86; -411; 1101454; -604

Servicing: Buick; Cadillac; Chevrolet; Pontiac

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.00, **Rotation** CR

Replacing: CS 144.





112878 Alternator

Replacing: 10463026; -63; 1101182; -274; 321-324; -62; 1101250

Servicing: Buick; Oldsmobile; Pontiac

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 71.55, **Rotation** CR

Replacing: CS 144.





112879 Alternator

Replacing: 10463242; -152; -66; 1101491; 321-443; 1102634; -7; -42

Servicing: Chevrolet; GMC; Am General

V. 12, **Amp.** 124, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 75.00, **Rotation** CR

Replacing: CS 144.





112880 Alternator

Replacing: 1105657; 10463069; 10497111; 1101239; -329; 321-275; -367; 1101296; -518

Servicing: Cadillac

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 79.00

Replacing: CS 144.





112881 Alternator

Replacing: 10463121; -2; 1101490; -519; 321-412; -3

Servicing: Cadillac

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00

Replacing: CS 144.





112882 Alternator

Replacing: 10463189; 1101578; 321-481; 10480008

Servicing: Cadillac

V. 12, **Amp.** 140, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 78.45

Replacing: CS 144.





112883 Alternator

Replacing: 10480009; -116; 1101579; 10463190; -295; -442; 321-1050; 321-482; -581

Servicing: Cadillac

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 79.00, **Rotation** CR/ACR

Replacing: CS 144.





112884 Alternator

Replacing: 10463338; -678; 10479891; 321-594; 10480201

Servicing: Pontiac; Buick; Cadillac; Chevrolet; Oldsmobile

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR

Replacing: CS 144.





112885 Alternator

Replacing: 10480010; 1102625; 10463216; -96; 321-507; -82; 1101580

Servicing: Buick; Oldsmobile; Pontiac

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR/ACR

Replacing: CS 144.





112886 Alternator

Replacing: 10479995; 10463377; 321-1006

Servicing: Cadillac

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 37, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00

Replacing: CS 144.





112887 Alternator

Replacing: 10463404; -46; 10480121; -31; 321-1024; -53

Servicing: Chevrolet; Pontiac

V. 12, **Amp.** 124, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 50.50, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 71.50, **Rotation** CR

Replacing: CS 144.





112888 Alternator

Replacing: 10463523; -680; 10480111; -203; 321-1056

Servicing: Pontiac

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 23, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.75

Replacing: CS 144.





112889 Alternator

Replacing: 10463409; 10480018; 321-1028

Servicing: Buick

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.75, **Rotation** CR

Replacing: CS 144.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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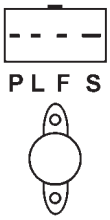


112890 Alternator

Replacing: 10463534; 10480139; 10463533; 10480138; 321-1060; 10463677; -9; 10480200; -2; 321-1110; -2; 1027300;

Servicing: Chevrolet

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.00
Replacing: CS 144.





112891 Alternator

Replacing: 10463625; 10480171; 321-1089

Servicing: Buick; Oldsmobile; Pontiac

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00, **Rotation** CR
Replacing: CS 144.





112892 Alternator

Replacing: 10463634; 10480135; 321-1093

Servicing: Buick; Oldsmobile; Pontiac

V. 12, **Amp.** 124, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 77.35, **Rotation** CR
Replacing: CS 144.





112893 Alternator

Replacing: 10480255; 10463636; -92; 10464081; 10480130; -206; 321-1095; -134; -429

Servicing: Chevrolet; GMC; Am General; Cadillac

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 50.50, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.50, **Rotation** CR/ACR
Replacing: CS 144.





112894 Alternator

Replacing: 10480279; 10464077; 10480204; 321-1425

Servicing: Buick

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 79.50, **Rotation** CR/ACR
Replacing: CS 144.





112895 Alternator

Replacing: 10480278; -363; 10463844; 10464076; 10480205; -27; 321-1144; -424

Servicing: Buick; Oldsmobile; Pontiac; Chevrolet

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 75.00
Replacing: CS 144.



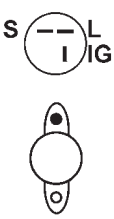


112896 Alternator

Replacing: 10463300; 10480023; 1102616; 321-490; -586; 10463197; -299; 10480022; 1102605; 321-489; -585

Servicing: Chevrolet; GMC

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.80, **Rotation** CR
Replacing: CS 144.





112977 Alternator

Replacing: 10464209; 4625; lr160-726; lr160-726b; 2912763380; 8970426371; -2

Servicing: Honda; Isuzu

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 57.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 91.50, **Rotation** CR



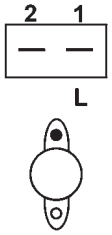


112980 Alternator

Replacing: 10480282; 10463689; 10464078; 10480177; 321-1131; -426

Servicing: Oldsmobile

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 71.85, **Rotation** CR
Replacing: CS 144.





112988 Alternator

Replacing: 10479915; 1101290; 1105690; 1101215; 1105499; -658

Servicing: GMC

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 53, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.35, **Rotation** CR
Replacing: CS 144.




112989 Alternator

Replacing: 1117641; 7g7889; 3016628; 3604473rx; 10459020; 1117612; -3; -28; 321-666; 1117620; -1; 10459200; 111

Servicing: Caterpillar; International; Chevrolet; Mack; Massey Ferguson; Cummins

V. 12, **Amp.** 60, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.85, **Mount. bracket dist.** 101.65, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W
Replacing: 20SI. Neg. ground. One wire system. B+ 1/4".

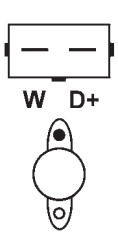



112990 Alternator

Replacing: 10459027; -46; 1117895; -903; -927; 321-676; 19010112

Servicing: GMC; Chevrolet; Bluebird; Caterpillar

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 15.30, **Mount. bracket dist.** 101.70, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W
Replacing: 20SI. Neg. ground. Three wire system. B+ 5/16".





112991 Alternator

Replacing: 10459028; -49; 1117896; -904; -928; 321-677; 1117908; -899

Servicing: Various; Chevrolet; GMC; Caterpillar

V. 12, **Amp.** 130, **B+ / position** 5/16" UNC, **B+ position in min** 52, **Width of holder arm** 15.45, **Mount. bracket dist.** 101.55, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W
Replacing: 20SI. Neg. ground. Three wire system. B+ 5/16".




112992 Alternator

Replacing: 1117915

Servicing: Fiat-Allis

V. 24, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 15.75, **Mount. bracket dist.** 101.55, **Fan** EF, **Pulley** w/o, **Rotation** CR
Replacing: 20SI. Neg. ground. One wire system. B+ 5/16".




112993 Alternator

Replacing: 19010157; -66; F3HT-10300-HB; F3HZ-10346-H; gl-332; 19010120; -36; -37; -54; -58; -59; -60; -61; -62

Servicing: Volvo; International; Ford; Cummins

V. 12, **Amp.** 130, **B+ / position** 1/4" UNF, **B+ position in min** 50, **Width of holder arm** 14.20, **Mount. bracket dist.** 101.50, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W
Replacing: 21SI. Neg. ground. One wire system. B+ 1/4".




112994 Alternator

Replacing: 1117885; -7; -92; 19010105; 1117905; 19010101; 10459134; -05; -09; -57; -58; -74; -77; 1117890; 1901

Servicing: Volvo; International; Ford; Cummins

V. 12, **Amp.** 100, **B+ / position** 5/16" UNC, **B+ position in min** 52, **Width of holder arm** 13.60, **Mount. bracket dist.** 100.80, **Fan** EF, **Pulley** w/o, **Rotation** CR
Replacing: 21SI. Neg. ground. One wire system. B+ 5/16".

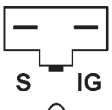



112995 Alternator

Replacing: 1117920; -1; -2; -34; -64; 19010127; -15; -68; 1117909; -10; 19010128; -39; 1117917; -9; 19010126; -

Servicing: Kenworth; Mack

V. 12, **Amp.** 145/160, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.00, **Fan** EF
Replacing: 21SI. Neg. ground. One wire system. B+ 5/16".





112996 Alternator

Replacing: 19010145; -04; -16; -91; 1117898; 10459041; -38; -0; -59; -135; -155; -175; -178; -210; 19010147; -9

Servicing: Volvo; Ford; Freightliner; Kenworth; Mack; John Deere; Caterpillar; New Holland

V. 12, **Amp.** 115/130, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.55, **Mount. bracket dist.** 100.50, **Fan** EF, **Pulley** w/o, **Rotation** CR
Replacing: 21SI. Neg. ground. One wire system. B+ 1/4".

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




112998 Alternator

Replacing: 10459066; -99; 19010005; 321-707; a-1442; 3675109rx; 10459065; -101; -132; 1117274; -80; 19010003; -

Servicing: Volvo; International; Chevrolet; Ford; Freightliner; Kenworth; Mack; Cummins; Caterpillar

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.25, **Fan** EF, **Pulley** w/o, **Rotation** CR
Replacing: 26SI. Neg. ground.




112999 Alternator

Replacing: 3604659rx; 1100091; 1101287; 1105472; -3; 0r2793; 9w1082; 1100215

Servicing: International; Various; GMC; Chevrolet; John Deere; Caterpillar

V. 12, **Amp.** 100, **B+ / position** 12-24 UNC, **B+ position in min** 58, **Width of holder arm** 12.20, **Mount. bracket dist.** 100.50, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR
Replacing: 27SI. Neg. ground.




113000 Alternator

Replacing: 3004806; 3603877rx; 3604877rx; 10459001; -4; -8; 1117732; -6; -42; -800; -803; -804; -806; -808; 321

Servicing: Volvo; International; Chevrolet; GMC; Ford; Freightliner; Kenworth; Mack; Case

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.75, **Mount. bracket dist.** 101.55, **Fan** EF, **Pulley** w/o, **Rotation** CR
Replacing: 30SI. Neg. ground.




113001 Alternator

Replacing: 19011150; -1; -4; -62; -74; 10459143; 1901158; -60; 321-733; 10459144; -83; -94; 321-734; 10459182;

Servicing: Volvo; International; Ford; Freightliner; Kenworth

V. 12, **Amp.** 110, **B+ / position** 5/16" UNF, **B+ position in min** 50, **Width of holder arm** 14.25, **Mount. bracket dist.** 101.00, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR
Replacing: 33SI. Neg. ground. One wire system. B+ Terminal 1/4".




113002 Alternator

Replacing: 19011152; -5; -6; -9; -61; -63; -71; -73; 10459181; 321-732; 10459141; -80; -95; 321-731; 10459142;

Servicing: Volvo; International; Kenworth; Mack

V. 12, **Amp.** 135, **B+ / position** 1/4" UNF, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.25, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR
Replacing: 33SI. Neg. ground. One wire system. B+ Terminal 1/4".




113003 Alternator

Replacing: 19011213; -157; -169; 10459145; -84; 321-735

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.20, **Mount. bracket dist.** 100.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W
Replacing: 34SI. Neg. ground. One wire system.




113004 Alternator

Replacing: 19011167; -72; 10459198; -206; 10461234; 19011170; -214; 10459226; -34

Servicing: Volvo; International; Ford; Freightliner; Kenworth; Mack

V. 12, **Amp.** 135, **B+ / position** M6, **B+ position in min** 48, **Width of holder arm** 14.50, **Mount. bracket dist.** 101.00, **Fan** EF, **Pulley** w/o, **Rotation** CR
Replacing: 34SI. Neg. ground. One wire system.



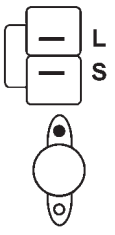


113005 Alternator

Replacing: 10480170; 10463688; 321-1130; 10464090

Servicing: Chevrolet; GMC

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 50.93, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.55, **Rotation** CR
Replacing: CD130D.



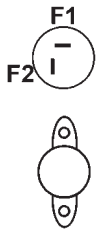


113029 Alternator

Replacing: F02Z-10346-C; -E; -G; gle-290; -303; -306; f288-18-300a; -B; -D; F2F8-18-300; F2F8-18-300C; a2t20091

Servicing: Mazda

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 12.70, **Mount. bracket dist.** 65.60, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR



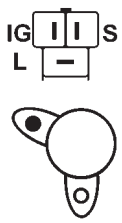


113066 Alternator

Replacing: 121000-3570; -80; 4609034; 4808034; 121000-3480; 4609090; -3; 10464146

Servicing: Chrysler; Dodge; Eagle; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 12.60, **Mount. bracket dist.** 53.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 34.00, **Rotation** CR





113072 Alternator

Replacing: 100211-0690; 27020-28030; 27060-28030; 27060-35020; -40; 321-1276; 100211-0520; -620

Servicing: Toyota

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 12.00, **Mount. bracket dist.** 75.24, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.00, **Rotation** CR



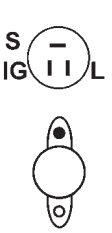


113074 Alternator

Replacing: 31100-pr4-a01; -2; cjn41; 100211-7330; 31100-pr-a020; 100211-7331; 100211-8610; -1; 100211-7320; 104

Servicing: Honda; Acura

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.35, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 90.60, **Rotation** CR



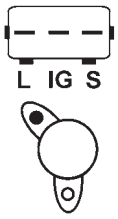


113077 Alternator

Replacing: 100211-203; 100211-2030; -1; 100211-316; 100211-3160; 100211-355; 100211-3550; 27060-35060; -1; -71;

Servicing: VW; Toyota

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 58.75, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 92.60, **Rotation** CR





113083 Alternator

Replacing: 101211-0190; 27060-35150; 101211-0191; 10464164

Servicing: Toyota

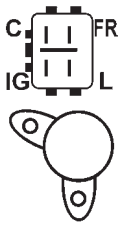
V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 58.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 93.00, **Rotation** CR




113155 Alternator

Replacing: 19020309; -56; -61; 10459216; -360

V. 12, **Amp.** 130, **B+ / position** 1/4" UNC, **B+ position in min** 52, **Width of holder arm** 13.10, **Mount. bracket dist.** 101.50, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W
Replacing: 22SI. R-Terminal 10-24.





113159 Alternator

Replacing: 10480228; 10463963; 10464417; 321-1765; 31100-p8z-a01; 31100-p8a-a02; 31100-p8c-a02; 31100-p8a-a01

Servicing: Honda; Acura

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 81.50, **Rotation** CR
Replacing: CS130D.





113160 Alternator

Replacing: 10480043; 321-1048; 10463440

Servicing: Buick; Oldsmobile; Pontiac

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 50.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.50, **Rotation** CR
Replacing: CS130D.





113162 Alternator

Replacing: 100211-8910; 31100-pr4-c01; cjp92; 100211-5350; 100211-8911; 31100-p30-023; 10464035

Servicing: Acura

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 57.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 89.50, **Rotation** ACR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





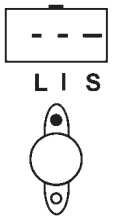
113259 Alternator

Replacing: 10480074; 10463605; 321-1070

Servicing: Chevrolet; Pontiac

V. 12, **Amp.** 105, **B+ / position** M8, **Width of holder arm** 51.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 75.0, **Rotation** CR

Replacing: CS130D.



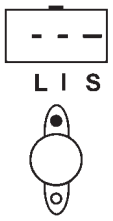


113349 Alternator

Replacing: 219202; 96258990; 96190262; 96288095; 96404010

Servicing: Daewoo

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 81.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 36.00, **Rotation** CR





113350 Alternator

Replacing: 219139; 96303556

Servicing: Daewoo; Chevrolet

V. 12, **Amp.** 85, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 13.20, **Mount. bracket dist.** 81.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 35.50, **Rotation** CR




113376 Alternator

Replacing: 0120400614; 0120488158; 0120489118; -9; -635; -636; 0120400833; -4; 0120489585; -6; -625; -626; -768

Servicing: Opel; Vauxhall; Lancia; Bedford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 56.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.60, **Rotation** CR, **Terminal** W




113377 Alternator

Replacing: 0120489113; -2; -493; -494; -780; -781; 3472042; -62; -93; -210

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.90, **Rotation** CR




113432 Alternator

Replacing: 1117916; -48; 10459051; 321-688; 10459050; 1117924; 19010156; 1117933; -52

Servicing: Volvo; International; Kenworth; Mack; Renault

V. 12, **Amp.** 145/160, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 14.30, **Mount. bracket dist.** 101.20, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W

Replacing: 21SI. Neg. ground. One wire system. B+ 1/4".

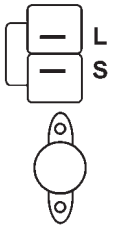



113448 Alternator

Replacing: 0120468143; -5; 0120501151; 6033gb3010; 0091549902; 0101540002; 0101549202; 0111548902; 6033gb3023;

Servicing: Mercedes-Benz

V. 24, **Amp.** 100, **B+ / position** M8, **B+ position in min** 24, **Width of holder arm** 80.00, **Fan** EF, **Grooves in pulley** 9, **Pulley** Serpentine Pulley, **Pulley distance** 110.40, **Rotation** CR, **Terminal** W





113463 Alternator

Replacing: 10464153; a3t08591

Servicing: Mazda

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 13.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 36.00, **Rotation** CR





113495 Alternator

Replacing: 100211-6170; 31100-py3-003; -13; clb18; 10464313

Servicing: Acura

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 58.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.25, **Rotation** CR



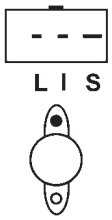


113496 Alternator

Replacing: 100211-6190; 31100-pr7-a02; -3; clb16; 10464351

Servicing: Acura

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 39, **Width of holder arm** 56.80, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 90.30, **Rotation** CR





113498 Alternator

Replacing: 10479990; 96341300; 96206871; 219137; 96255115; 96221945; 219199; 96252115; 96404011; 113501

Servicing: Lancia; Daewoo; Chevrolet

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 33.65, **Mount. bracket dist.** 58.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.65, **Rotation** CR





113502 Alternator

Replacing: 1101818; 321-1065

Servicing: Chevrolet

V. 12, **Amp.** 124, **B+ / position** M8, **B+ position in min** 38, **Width of holder arm** 51.15, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 71.90, **Rotation** CR

Replacing: CS144.





113578 Alternator

Replacing: 10480133; 10463686; 321-1128; 8219

Servicing: Chevrolet; GMC; Cadillac

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 70.50

Replacing: CS144.




113579 Alternator

Replacing: 10459318; 19020387; 10459320; 19020803; -388; 10459321; 19020389; -804; -889

Servicing: Volvo; International; Kenworth; Mack

V. 12, **Amp.** 145, **B+ / position** 5/16" UNC, **B+ position in min** 8, **Width of holder arm** 80.00, **Mount. bracket dist.** 108.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

Replacing: 22SI.




113580 Alternator

Replacing: 1102643; 10463441; 321-1049

Servicing: Chevrolet; GMC; Omc

V. 12, **Amp.** 124, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 73.00

Replacing: CS144.





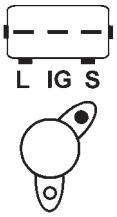
113581 Alternator

Replacing: 1101238; -849; 10463081; -156; 321-372; -447

Servicing: Chevrolet

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 71.65, **Rotation** CR

Replacing: CS144.



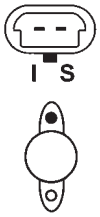


113626 Alternator

Replacing: 101211-9600; 10464205; 4477; 27060-20040

Servicing: Toyota

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 25.30, **Mount. bracket dist.** 43.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.50, **Rotation** CR





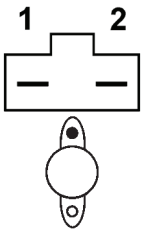
113685 Alternator

Replacing: 19020601; -9; 862031t; 219232; 862031

Servicing: Mercury

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 16.80, **Mount. bracket dist.** 65.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





113711 Alternator

Replacing: 1105457; 10459509
Servicing: Chevrolet; American Motors
V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 51.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.40, **Rotation** CR





113724 Alternator

Replacing: 204559; 1100061
Servicing: Fiat-Allis; Allis Chalmers; Caterpillar; Atlas Copco
V. 24, **Amp.** 30, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.35, **Fan** w/o, **Pulley** w/o, **Rotation** CR
Regulator: Cargo 233252

113748 Alternator

Replacing: SG10S028; -34; -36; -44; 2650135; SG12S034; 2542542; -690; 2650014; 22611790; 22683070
Servicing: Chevrolet; Pontiac; Saturn
V. 12, **Amp.** 105, **Grooves in pulley** 5, **Pulley** Serpentine Pulley

113767 Alternator

Replacing: 1101134; -308; 1105492; -606; -648; 10463060; -397
Servicing: Buick; Chevrolet
V. 12, **Amp.** 94

113774 Alternator

Replacing: 15093928; 15857608; 15905871; 25877026
V. 12, **Amp.** 160, **Fan** IF, **Grooves in pulley** 6, **Pulley** Pulley

113776 Alternator

Replacing: 15845337; -8
V. 12, **Amp.** 145, **Fan** IF, **Grooves in pulley** 6, **Pulley** Free-wheeling





113777 Alternator

Replacing: 15226003; 15754097; 10464476; 15754097M
V. 12, **Amp.** 145, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 50.91, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.46, **Rotation** CR

113778 Alternator

Replacing: 19011153; -75; 10455196; 10459251
V. 24, **Amp.** 100

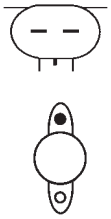
113799 Alternator

Replacing: 0124515008; 21019217; 0124515043; SG12S114; 2653014
Servicing: Saturn
V. 12, **Amp.** 120, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley

113804 Alternator

Replacing: 4210000360; -3
Servicing: Jeep
V. 12, **Amp.** 160, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley

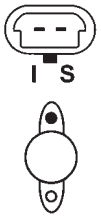
Miscellaneous





113691 Alternator

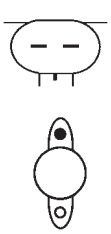
Replacing: 19020616
Servicing: Crusader; Hyster
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.75, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 76.75, **Rotation** CR, **Terminal** W





113692 Alternator

Replacing: 19020608
Servicing: Crusader
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.80, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR, **Terminal** W





113693 Alternator

Replacing: 19020614
Servicing: Crusader; Hyster
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.80, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 76.65, **Rotation** CR, **Terminal** W

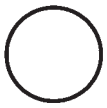




113694 Alternator

Replacing: 19020615; -06; 5800268-29
Servicing: Hyster
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 50.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Double Pulley, **Pulley distance** 72.50, **Rotation** CR, **Terminal** W

Trucks / Coaches

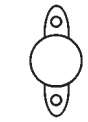




110544 Alternator

Replacing: vg921/w; 19025304
Servicing: Ikarus
V. 24, **Amp.** 125, **B+ / position** M8, **B+ position in min** 45, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Rotation** CR, **Terminal** W
Saddle mounting

Trucks / coaches





110639 Alternator

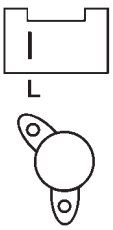
Replacing: dm1130; -2
Servicing: Fiat-Allis; Allis Chalmers
V. 12, **Amp.** 36, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 60.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 91.00, **Rotation** CR
Regulator: cargo 130017





112504 Alternator

Replacing: 0214-202-0370; -17
Servicing: Komatsu
V. 24, **Amp.** 75, **B+ / position** M10, **B+ position in min** 7, **Width of holder arm** 14.00, **Mount. bracket dist.** 104.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 48.00, **Rotation** CR, **Terminal** R





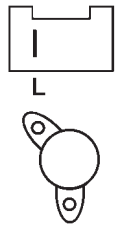
110048 Alternator

Replacing: 0120489779; 510-834; 9ar2775; a13n3m; a13n57m; 70229002; 71273402; 71427002; -12; 71470402; -602; 71
Servicing: Volvo Penta; Renault; Farymann
V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 51.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR
Pos. or neg. ground

113695 Starter

Replacing: 1993831; -918; 10478811; -960; 0001371001; 10461402; -5; 0R2735; 0R4263
Servicing: Caterpillar
V. 24, **kW.** 6.0, **No. of teeth** 12
Replacing: 37MT.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





110052 Alternator

Replacing: 510-804; -17; 9ar2713; 9ar3713g; a13n270; 71249002; 71340002; 71490502; -702; -802; 71491002; 715430

Servicing: Volvo Penta; Baudouin; Daf

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 50.75, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W

Pos. or neg. ground



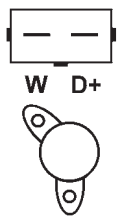


110112 Alternator

Replacing: 0120489643; 9120080114; 2998054; 19025074; 0051548202; 510-347; -8; 9ar3921g; 71554102; 2937390; 293

Servicing: Volvo; Volvo Penta

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 51.00, **Fan** w/o, **Pulley** w/o, **Terminal** W





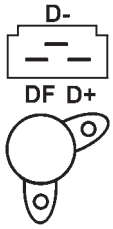
110127 Alternator

Replacing: 0120400778; 11.201.938; 510-803; -16; -18; -19; 9ar2712p; -38p; -40p; -41p; 70229702; 71427052; -102

Servicing: Volvo Penta; Farymann

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 79.00, **Rotation** CR, **Terminal** W

Pos. or neg. ground





110729 Alternator

Replacing: 0120400870; -1; -921; -922; -928; 71212002; -202; -402

Servicing: Talbot; Saab

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 59, **Width of holder arm** 56.00, **Fan** EF, **Pulley** Pulley, **Pulley distance** 76.10, **Rotation** CR

Regulator: Cargo 130675





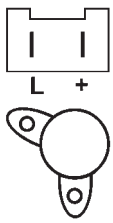
110745 Alternator

Replacing: 7527; 7527a; -b; -c; 7527d,e; 7557; -75; 7575d; 7576; alg12-7; alg12n-28; a12r21; a12r223; a13r15; a

Servicing: Peugeot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.

Solenoid: Cargo 130679.



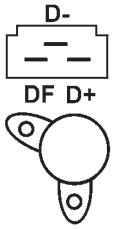


110754 Alternator

Replacing: 516025; -33; -47; als12x-26; -76; 11.201.370; aak4183; 9ar2659k; 9ar2936p; a13n113; -50; a13n20; a13

Servicing: Renault

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.90, **Rotation** CR





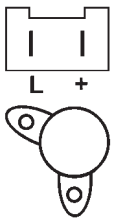
110887 Alternator

Replacing: 0120400752; -3; -67; -68; -86; -87; -847; -848; a13r121; 71212702; 71270702; 71271402; 110901

Servicing: Alfa Romeo; Renault

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 27.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.20, **Rotation** CR

Regulator: Cargo 130675



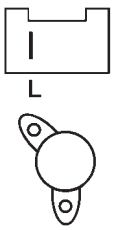


110888 Alternator

Replacing: 5491104; 581208; 9ar2934k; a13n19; -91; 7700666179; 7701349313; 7701499205; -448; 71651802

Servicing: Renault; Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 55.35, **Rotation** CR



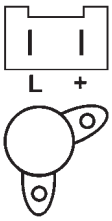


110897 Alternator

Replacing: 451074; 516021; 9ar2815k; a13n118; a13n32; a13r267; 71652002; 71653102

Servicing: Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 62.00, **Rotation** CR





110915 Alternator

Replacing: 9120144230; -1; 451055; -8; -9; -75; 516006; -8; -28; 581207; 11.201.208; aak1176; 9ar2660k; -95k; 9

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.87, **Rotation** ACR

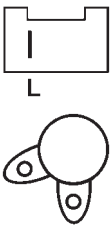



110916 Alternator

Replacing: 9120144242; -3; 95619190; 514005; 510-847; 9ar2687f; -g; 9ar2728f; -g; 9ar2982; a12r36; -7; 71636402

Servicing: Citroen; Peugeot; Talbot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 39.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.00, **Rotation** CR



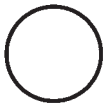


110917 Alternator

Replacing: 0120489277; -8; -945; -946; 9150870780; 514007; 9ar2859; 555797; 557097; a12r44; 71652702; 2928590

Servicing: Peugeot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.00, **Rotation** CR




110931 Alternator

Replacing: a14n11; 71233002

Servicing: Porsche

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Fan** w/o, **Pulley** w/o

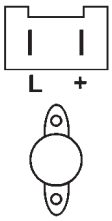


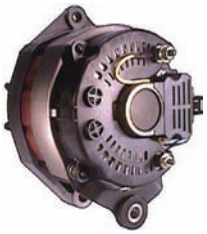

111139 Alternator

Replacing: 0120469502; -3; -4; -5; -24; -25; -28; b120421870; 035903015a; 047903015; 063903015; -7; 063903017x;

Servicing: Audi; VW; Porsche

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.30, **Rotation** CR



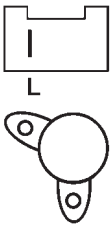


111144 Alternator

Replacing: 75491911; 75492505; 95494138; 95580176; 95598734; 95619682; 95635804; 516016; 510-312; 9ar2870p; a14

Servicing: Renault; Citroen; Talbot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 64.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.15, **Rotation** CR





111155 Alternator

Replacing: 0120489173; -4; -344; 9151589980; a13n144; a13n41; a13r268; 71652102; 71653202; 2183106

Servicing: Peugeot; Talbot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 65.00, **Rotation** CR




111226 Alternator

Replacing: a13n281; a13n52; 71314202; 2541768; a13n28

Servicing: Hatz

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 41, **Fan** w/o, **Pulley** w/o, **Rotation** CR



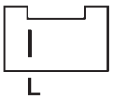

111397 Alternator

Replacing: a13n147m; -8m; -9m; -86m; a13n1m; a13n2; a13n259; a13n259m; a13n2m; a13n35m; 70229102; -502; -602; -

Servicing: Volvo Penta; Bukh

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 74.20, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.







111651 Alternator

Replacing: 9120334310; 95607228; 451066; 516012c; 516014; 46231723; 77612410; 9ar2663k; -73k; 9ar2964k; 555779;

Servicing: Citroen; Peugeot; Fiat; VW

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR





113376 Alternator

Replacing: 0120400614; 0120488158; 0120489118; -9; -635; -636; 0120400833; -4; 0120489585; -6; -625; -626; -768

Servicing: Opel; Vauxhall; Lancia; Bedford

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 56.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.60, **Rotation** CR, **Terminal** W





113789 Alternator

Replacing: 7700803325; AAK4588; ai3n199; -230; -235; na408; -349; 2541460; 11201768; 7700820449; 7701352045; -7

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.04, **Mount. bracket dist.** 68.44, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.75, **Rotation** CR, **Terminal** W

113800 Alternator

Replacing: sg12s070; -2; -84; 2542635; 2650015; 26500133

Servicing: Saturn

V. 12, **Amp.** 125, **Fan** IF, **Grooves in pulley** 6, **Pulley** Pulley

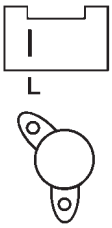



110043 Alternator

Replacing: 0120489192; -702; 9120144111; -4; -8; -9; 2998056; 19025075; 11.201.807; aak3117; 510-289; 9ar3868g;

Servicing: Scania; Renault V.i.; Pegaso; Hanomag

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W



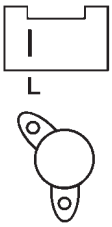


110048 Alternator

Replacing: 0120489779; 510-834; 9ar2775; a13n3m; a13n57m; 70229002; 71273402; 71427002; -12; 71470402; -602; 71

Servicing: Volvo Penta; Renault; Farymann

V. 12, **Amp.** 35, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 51.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR
Pos. or neg. ground





110052 Alternator

Replacing: 510-804; -17; 9ar2713; 9ar3713g; a13n270; 71249002; 71340002; 71490502; -702; -802; 71491002; 715430

Servicing: Volvo Penta; Baudouin; Daf

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 50.75, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W
Pos. or neg. ground




110076 Alternator

Replacing: 510-445; 9ar6025k; a14n133; a14n39; -r33; 354858; 357736; 371972; 410676; 571505; -6; 2960250

Servicing: Scania; Pegaso

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




110077 Alternator

Replacing: 0120300560; 0120339524; -5; 510-249; 9ar2799; 9ar2799g; 2927990; 0120300530; -1; 1204110

Servicing: Opel; Citroen; Peugeot; Vauxhall; Case; Fendt; Goldoni; Deutz-fahr

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 56, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.50, **Rotation** CR




110112 Alternator

Replacing: 0120489643; 9120080114; 2998054; 19025074; 0051548202; 510-347; -8; 9ar3921g; 71554102; 2937390; 293

Servicing: Volvo; Volvo Penta

V. 24, **Amp.** 40, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 51.00, **Fan** w/o, **Pulley** w/o, **Terminal** W




110113 Alternator

Replacing: 0120400774; 0120489221; -5; -31; -84; -727; -728; 11.201.047; -151; -360; aak1125; -53; -205; aak417

Servicing: Mercedes-Benz

V. 24, **Amp.** 27, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 80.00, **Fan** EF, **Pulley** w/o, **Rotation** ACR

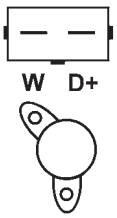



110116 Alternator

Replacing: 0120400796; 0120488208; 0120489230; -684; -827; 2998055; 0120488273; -89; 0120489053; 510-397; a13n3

Servicing: Man; Renault; Daf; Ford

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 80.25, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W





110127 Alternator

Replacing: 0120400778; 11.201.938; 510-803; -16; -18; -19; 9ar2712p; -38p; -40p; -41p; 70229702; 71427052; -102

Servicing: Volvo Penta; Farymann

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 50.75, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 79.00, **Rotation** CR, **Terminal** W
Pos. or neg. ground

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





110140 Alternator

Replacing: a2t12371; -671; a2t16371; -871; a2t22771; a2t23171; a3t30271; a5t10271; a5t15171; -7; a5t16871; a5t2

Servicing: Mitsubishi; Hyundai; Dodge; Plymouth

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 47.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR

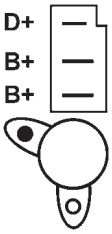



110163 Alternator

Replacing: 11.201.789; aak4591; 443113516866; 510-388; 9ar3806g; 9ar3961; a13n140; a13n140t; a13n229t; a13n22t;

Servicing: Renault V.i.

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 27.25, **Mount. bracket dist.** 67.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 48.75, **Rotation** CR, **Terminal** W



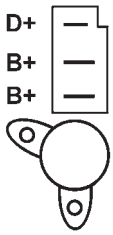


110178 Alternator

Replacing: 0120339502; 0120389502; -3; 9120331502; -901; -913; 516011; alp12n-2; alt12n-14; -39; 1504563; 15371

Servicing: Case; Ford; Austin; Land Rover; Triumph; Mg; Morris; Talbot; Vauxhall; Bedford; New Holland; Massey

V. 12, **Amp.** 36, **Width of holder arm** 10.00, **Mount. bracket dist.** 88.00, **Fan** EF, **Pulley** w/o, **Rotation** CR



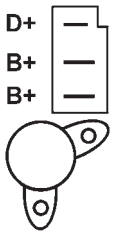


110357 Alternator

Replacing: 0120400746; 0120489008; -9; -10; -11; -520; -600; -622; -771; -820; -821; -831; 11.201.078; aak1122;

Servicing: Audi; VW; Alfa Romeo; American Motors

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 15, **Width of holder arm** 56.20, **Fan** w/o, **Pulley** w/o, **Rotation** CR
Fan: Cargo 133875





110358 Alternator

Replacing: 0120400858; -9; 0120489061; -526; -527; -556; -683; -917; -918; -933; 9120144269; -70; 516055; 11.20

Servicing: Seat; Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.50, **Rotation** CR



110484 Generator

Replacing: 22756; -8; -61; -62; -64; -69; -83; -92; 2871181; -4; 534054d

Servicing: Ford; Massey Ferguson; Allis Chalmers; Case

V. 12, **Amp.** 22, **L.** 258.65, **Pulley** w/o




110540 Alternator

Replacing: a0b09601; ac155513; -907; ar150ca; -da; ta0b09601; a000b0431; 20130178; AC155515; 893633

Servicing: Omc; Bobcat

V. 12, **Amp.** 55, **B+ / position** 1/4" UNC, **B+ position in min** 10, **Width of holder arm** 50.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR, **Terminal** W




110618 Alternator

Replacing: 0120335006; 9605062780; 2541299; 2541299a; 2541677; -718; a11vi10; -37; -42; 95050627; 95668060

Servicing: Citroen; Peugeot

V. 12, **Amp.** 50, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 55.70, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 94.60, **Rotation** CR




110619 Alternator

Replacing: 0120335007; 95667742; 9605062980; 63321641; -770; 9628925380; 2541298; 2541298a; 2541719; -63; a11vi

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 57.10, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 94.90, **Rotation** CR




110641 Alternator

Replacing: 0120300514; 0120339514; -31; -52; 11.201.027; -96; aag1301; -11; -28; 24171; 11.201.372; X830060011;

Servicing: Bosch; Case; Claas; Fendt; Goldoni; Deutz-fahr; Kramer; Lamborghini; Liebherr; Linde; Bpm

V. 12, **Amp.** 33, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 55.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.30, **Rotation** CR



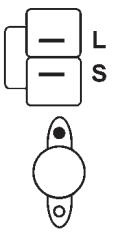


110658 Alternator

Replacing: 0120488120; -1; 0120489451; -2; 37300-21030; -320; -350; ab155001; ar160a; ar160ar; a1t01991; a1t403

Servicing: Mitsubishi; Dodge; Hyundai; Plymouth

V. 12, **Amp.** 55, **B+ / position** M5, **B+ position in min** 50, **Width of holder arm** 13.00, **Mount. bracket dist.** 48.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR



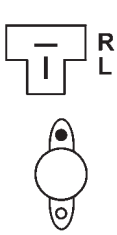


110659 Alternator

Replacing: 37300-24510; -1; ab175015; -53; a2t09292; -493; a2t49992; a5t05091; md012085; md114620; md309333; 37

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.15, **Rotation** CR



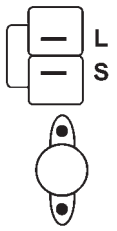


110660 Alternator

Replacing: 37300-24010; hab165100; ab165014; a2t00991; a2t03591; -792; a2t28091; a2t41791; a2t49792; md091749;

Servicing: Mitsubishi; Hyundai; Dodge; Plymouth

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.25, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.25, **Rotation** CR



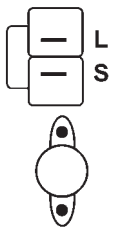


110663 Alternator

Replacing: f1cz10346a; -b; -c; a2t34477; a2t35177; B366-18-300; B361-18-300G; B366-18-300H; TA000A11001; OK2011

Servicing: Mazda; Kia; Ford; Mercury

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.15, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.75, **Rotation** CR, **Terminal** W



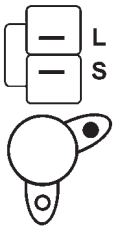


110664 Alternator

Replacing: e92z10346a; F8B1-18-300E; hab170144; a2t05892; a2t05892a; -b; a2t05892zc; a2t05893; a2t05893zc; a2t0

Servicing: Mazda; Ford

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.10, **Mount. bracket dist.** 66.10, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 43.50, **Rotation** CR, **Terminal** W



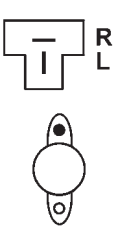


110666 Alternator

Replacing: 37300-21013; ta000a47001; a2t09691; a2t48791; a2t48791zc; md102088; md125096

Servicing: Mitsubishi; Eagle; Plymouth

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 48.10, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR



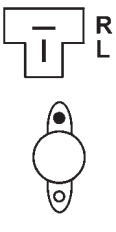


110699 Alternator

Replacing: lr150-407; -10; lr150-410b; -c; lr150-410ca; lr150-410f; -g; lr150-419; lr150-419b; -f; -g; -50b; lr

Servicing: Mazda; Ford

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 40, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.90, **Rotation** CR





110706 Alternator

Replacing: lr160-412; lr160-412b; -f; -g; lr160-440; lr160-440f; -g; lr160-441; lr160-441f; had155500; R213-18-

Servicing: Mazda; Ford; Kia

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 40, **Width of holder arm** 12.85, **Mount. bracket dist.** 80.05, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.75, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



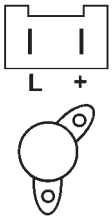

110743 Alternator

Replacing: 5491319; 95618728; 7532; ald12n-53; aln12-1; 11.201.021; aag0702; 9al2696g; a11m12; a11m6; 5446241;

Servicing: Citroen

V. 12, **Amp.** 30, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 61.00

Regulator: Cargo 130679





110744 Alternator

Replacing: 516017; -24; 9ar2778k; 9ar2945k; a13n13; -4; a13r221; -2; 7700662371; -415; 7700758336; 7701499495;

Servicing: Renault; Volvo; Daf

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 26.58, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.25, **Rotation** CR



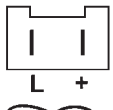

110745 Alternator

Replacing: 7527; 7527a; -b; -c; 7527d,e; 7557; -75; 7575d; 7576; alg12-7; alg12n-28; a12r21; a12r223; a13r15; a

Servicing: Peugeot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.

Solenoid: Cargo 130679.



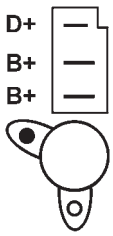


110754 Alternator

Replacing: 516025; -33; -47; als12x-26; -76; 11.201.370; aak4183; 9ar2659k; 9ar2936p; a13n113; -50; a13n20; a13

Servicing: Renault

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.90, **Rotation** CR





110759 Alternator

Replacing: 0120400704; -5; -814; 0120489087; -508; -509; -511; -536; -561; -562; -616; -803; -804; -894; -940;

Servicing: Ford; Austin; Mercury

V. 12, **Amp.** 35, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 10.65, **Mount. bracket dist.** 79.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.15, **Rotation** CR

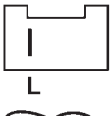



110766 Alternator

Replacing: 0120400694; -790; -791; 0120488224; 0120489023; -707; -730; 11.201.052; -574; aak1115; -352; 81.2610

Servicing: Iveco; Mercedes-Benz; Khd; Magirus-deutz; Case; Deutz-fahr; Liebherr; Atlas Copco

V. 24, **Amp.** 27, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 56.25, **Fan** w/o, **Grooves in pulley** Single, **Pulley** w/o, **Pulley distance** 78.85, **Rotation** CR, **Terminal** W





110768 Alternator

Replacing: 95495039; 9559873580; 95619193; 95691093; a13n109; a13n92

Servicing: Citroen

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.00, **Rotation** CR




110769 Alternator

Replacing: 91510299; 510-148; 9ar2672p; -90p; 555782; 557082; a13n239; 2940426

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** Single, **Width of holder arm** 27.10, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.50, **Rotation** CR



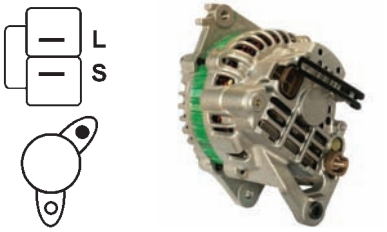

110801 Alternator

Replacing: 0r5217; 3n2706; 3t6352; 3y6691; 5n5692; 6n9294; 7n9720; 9g8255; 3016627rx; 3604676rx; 3923550; 11176

Servicing: International; Fiat-Allis; Cummins; Caterpillar; Atlas Copco; Case

V. 24, **Amp.** 45, **B+ / position** 1/4" UNF, **B+ position in min** 55, **Width of holder arm** 14.80, **Mount. bracket dist.** 101.70, **Fan** EF, **Pulley** w/o, **Rotation** CR/ACR, **Terminal** W

Replacing: 20 SI. R-Terminal 8-32(W).

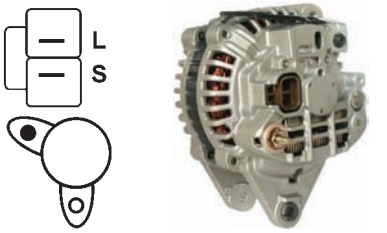


110802 Alternator

Replacing: 37300-33010; -3; -30; hab175120; ta000a34801; ab175020; a3t02892; a3t03391; -2; a3t03392zc; a3t03393

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.25, **Mount. bracket dist.** 77.60, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR

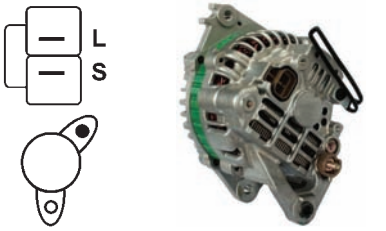


110803 Alternator

Replacing: 9120061100; 37300-35010; -30; ta000b0261; ab190012; a3t00692; -3; -792; a3t04292; md112322; -3; a000

Servicing: Mitsubishi; Hyundai; Kia; Dodge

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 12.80, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 23.80, **Rotation** CR

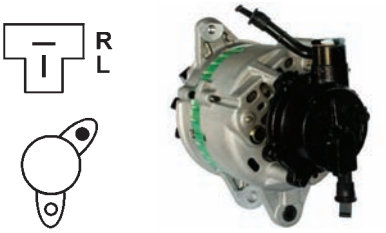


110804 Alternator

Replacing: 37300-33100; -1; -3; hab190120; ab190025; -72; a3t45691; -3; a3t45693zc; a3t45694; md149750; md15384

Servicing: Mitsubishi; Hyundai; Kia; Dodge; Eagle; Plymouth

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.40, **Mount. bracket dist.** 77.40, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.85, **Rotation** CR

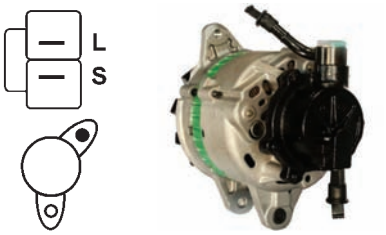


110805 Alternator

Replacing: ad150413; apr150aa; a2t24884; a5t15684; -784; -884; a5t16084; -384; a5t20481; -4; a5t21684; -984; a5

Servicing: Mitsubishi; Dodge; Mazda; Plymouth

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 8, **Width of holder arm** 13.10, **Mount. bracket dist.** 54.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.30, **Rotation** CR

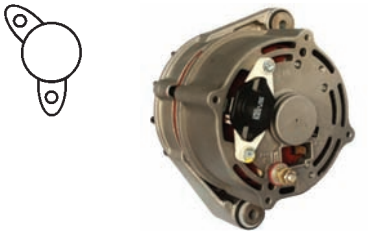


110806 Alternator

Replacing: 37300-42200; -2; had165500; ad165309; apr165aa; a2t01483; -583; -683; -783; a2t10083; md103373; -564

Servicing: Mitsubishi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 12.80, **Mount. bracket dist.** 56.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.40, **Rotation** CR

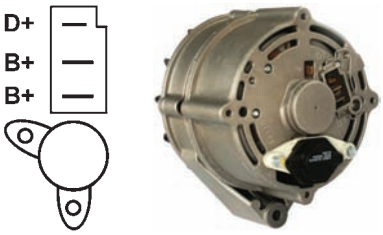


110876 Alternator

Replacing: 12311266660; 12311267401; -61; 12311270901; 12311276269; 12311277229; -503; -581; 0120489030; -1; -4

Servicing: BMW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 56.11, **Fan** EF, **Pulley** Pulley, **Pulley distance** 75.85, **Rotation** CR

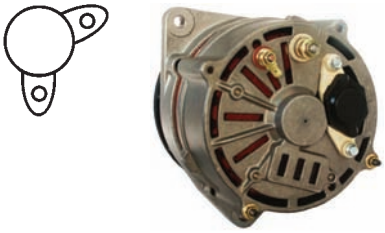


110880 Alternator

Replacing: 0120489043; -719; -720; -797; -798; -911; -912; 11.201.215; aak1165; 63305700; -20; 514002

Servicing: Alfa Romeo

V. 12, **Amp.** 45, **B+ / position** 9.4, **B+ position in min** 15, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR



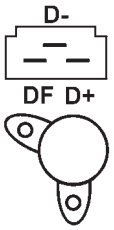
110884 Alternator

Replacing: 0120469563; -4; a14n97; 1269702; 1323351; 5001961

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 51.55, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



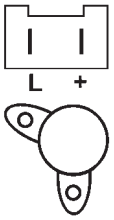


110887 Alternator

Replacing: 0120400752; -3; -67; -68; -86; -87; -847; -848; a13r121; 71212702; 71270702; 71271402; 110901

Servicing: Alfa Romeo; Renault

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 27.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.20, **Rotation** CR
Regulator: Cargo 130675



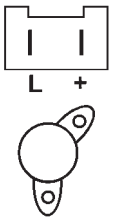


110888 Alternator

Replacing: 5491104; 581208; 9ar2934k; a13n19; -91; 7700666179; 7701349313; 7701499205; -448; 71651802

Servicing: Renault; Fiat

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 34, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 55.35, **Rotation** CR



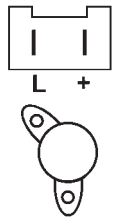


110889 Alternator

Replacing: 9ar2950p; a14n144; -63; a14n4; 5000725698; 5001014181; 6006000076; 7700714313; 7700748171; 770138153

Servicing: Renault; Renault V.i.

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 26.90, **Mount. bracket dist.** 69.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 57.90, **Rotation** CR, **Terminal** W





110892 Alternator

Replacing: a13n10

Servicing: Talbot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 36.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 64.00, **Rotation** CR




110895 Alternator

Replacing: 0120469001; -25; -101; -103; -509; -518; -686; -982; 0120489518; 6033gb3047; -55; b120421999; 127448

Servicing: Mercedes-Benz; Man; Daf; Kässbohrer; Ssangyong

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 80.00, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W

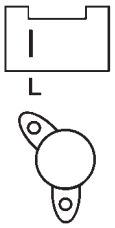



110896 Alternator

Replacing: 0120489428; 2940300; -1; 036903017j; -23s; -25k; -25p; 036903017JX; 036903023SX

Servicing: Mercedes-Benz; VW

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.85, **Rotation** CR





110897 Alternator

Replacing: 451074; 516021; 9ar2815k; a13n118; a13n32; a13r267; 71652002; 71653102

Servicing: Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 62.00, **Rotation** CR

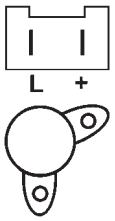



110902 Alternator

Replacing: 0120489372; -6; -7; b120402702; 11.201.145; -244; aak1150; -98; 2940308; -69; 1607361; 068903017r; -

Servicing: VW

V. 12, **Amp.** 45, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 99.00, **Rotation** CR, **Terminal** W





110905 Alternator

Replacing: a13n137; -60; -210; a13n27; 7700730273; 7700734240; 7700786409; 7700810256; 7701499252; -461; 218172

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 26.85, **Mount. bracket dist.** 66.20, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.40, **Rotation** CR




110906 Alternator

Replacing: 0120489316; 11.201.050; aak1107; 0071542402; 0071544002; 0081543102; a13n166; 2104264; 0051541102; A

Servicing: Mercedes-Benz

V. 24, **Amp.** 30, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 80.00, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




110908 Alternator

Replacing: 12312240875; 12312241262; 2541139; -300; 2940130

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 46, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.50, **Rotation** CR

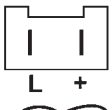



110912 Alternator

Replacing: 0120489020; -135; -170; -541; -542; -641; -642; -742; -743; -752; -753; 9120144201; -2; -38; -39; 19

Servicing: Fiat; Lancia; Seat; Ferrari; Fiat-Allis

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.40, **Mount. bracket dist.** 64.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR





110915 Alternator

Replacing: 9120144230; -1; 451055; -8; -9; -75; 516006; -8; -28; 581207; 11.201.208; aak1176; 9ar2660k; -95k; 9

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.87, **Rotation** ACR

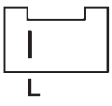



110916 Alternator

Replacing: 9120144242; -3; 95619190; 514005; 510-847; 9ar2687f; -g; 9ar2728f; -g; 9ar2982; a12r36; -7; 71636402

Servicing: Citroen; Peugeot; Talbot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 39.90, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.00, **Rotation** CR



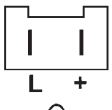


110917 Alternator

Replacing: 0120489277; -8; -945; -946; 9150870780; 514007; 9ar2859; 555797; 557097; a12r44; 71652702; 2928590

Servicing: Peugeot

V. 12, **Amp.** 40, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.00, **Rotation** CR



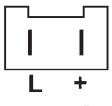


110920 Alternator

Replacing: 516023; als12x-65; -77; aak1129; a13n12; 7701349263; 7701351052; 7701499433; 9120144259; -60; 310154

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M5, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 101.00, **Rotation** CR



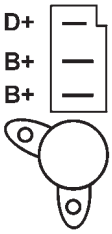


110921 Alternator

Replacing: a13n64; 3283184; 9031062

Servicing: Volvo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 26.80, **Mount. bracket dist.** 65.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 72.50, **Rotation** CR





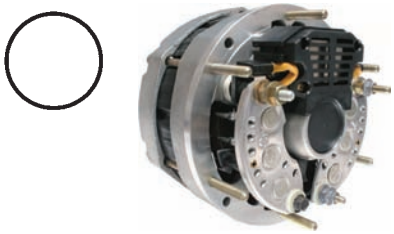
110923 Alternator

Replacing: 0120489232; -3; -4; -300; -301; -302; -323; -324; -331; -332; -333; -354; -355; 19025069; 14960; 006

Servicing: Mercedes-Benz

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

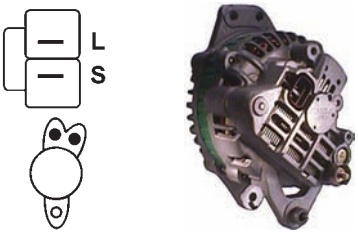


110931 Alternator

Replacing: a14n11; 71233002

Servicing: Porsche

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Fan** w/o, **Pulley** w/o

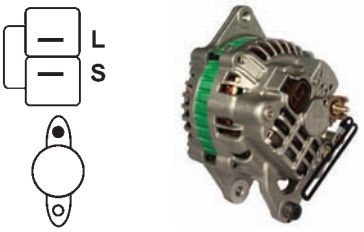


110956 Alternator

Replacing: ab175201; a2t41892; a3t02193; -8; a3t04493; md122338; md126796; md141855; ta000b08001; 37300-36010

Servicing: Mitsubishi; Dodge

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 12.97, **Mount. bracket dist.** 55.09, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR

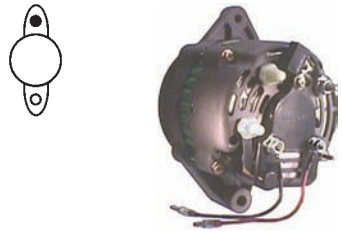


110957 Alternator

Replacing: 3603857rx; -8rx; -9rx; 3604234rx; 37300-32510; -1; -20; -30; ab175051; ar175aa; a2t14792; a2t14792zc

Servicing: Hyundai

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 12.99, **Mount. bracket dist.** 55.04, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 35.05, **Rotation** CR

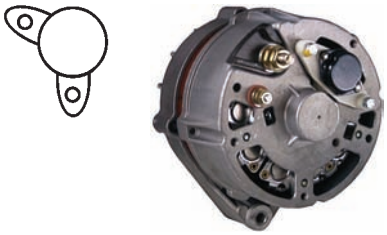


110959 Alternator

Replacing: a000b0331; 817119-2; 92497a3; 92497; ac155603; ar150aa; -ba; 81-7119; 81-71192; ac155604; 110-354; a

Servicing: Mercury; Omc; Mercruiser

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.35, **Rotation** CR, **Terminal** W

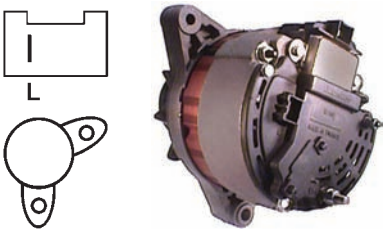


110990 Alternator

Replacing: 0120469514; -5; -34; -35; -45; -46; -48; -55; -56; -57; -58; 9ar2796; 2940357; -657; 035903015d; -g;

Servicing: Audi; VW; Porsche

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 52, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 83.40, **Rotation** CR

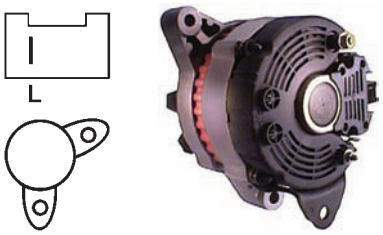


110992 Alternator

Replacing: 516004; -41; 9ar2757k; a13n47; a13r220; -63

Servicing: Talbot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 30, **Width of holder arm** 36.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 87.85, **Rotation** CR

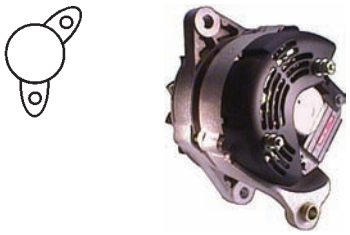


110993 Alternator

Replacing: 0120489393; -4; 9120144254; -5; -65; -66; 555763; a13n123

Servicing: Citroen; Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 36.00, **Mount. bracket dist.** 56.45, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 71.85, **Rotation** CR



111035 Alternator

Replacing: 0120489126; -86; -87; -88; 19025051; -787; -789; 4395131; 4434084; 46231684; -7; 5958394; -5; 596759

Servicing: Fiat; Lancia; Zastava; Autobianchi; Innocenti; Case; Audi; VW

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 22.00, **Mount. bracket dist.** 74.85, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 51.25, **Rotation** CR, **Terminal** W

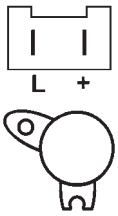


111036 Alternator

Replacing: 19025791; a125-45c; 46231657; -9; -60; 5999868; -9; 77305410; 77347411; 11.201.358; -735; 63320001;

Servicing: Fiat; Lancia; Autobianchi

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 32.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 56.80, **Rotation** CR



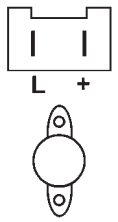


111071 Alternator

Replacing: 95494135; -7; 95495989; 95653974; 451068; 516013; -5; 9ar2730p; -1r; 9ar2872p; -4r; 555799; a14n1; -

Servicing: Citroen; Peugeot

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 35.90, **Mount. bracket dist.** 53.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 61.85, **Rotation** ACR



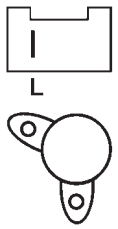


111072 Alternator

Replacing: 9120144283; -4; 451076; 9ar2676k; 9ar2948k; a13n139; a13n63; -5; -87; a13r228; -60; -69; 7700665612;

Servicing: Renault; VW

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 26, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.60, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.40, **Rotation** CR



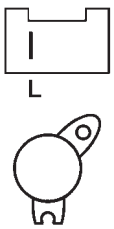


111075 Alternator

Replacing: 0120489193; -4; 95495512; 95607232; 95619192; 512010; 516039; -51; 11.201.255; aak4104; 9ar5062k; 55

Servicing: Citroen; Peugeot; Talbot; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.50, **Rotation** CR



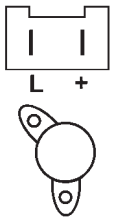


111076 Alternator

Replacing: 0120488214; -5; 0120489157; -8; -258; -259; -270; 9151095080; 9151798380; 95619191; 443113516404; 95

Servicing: Citroen; Peugeot; Talbot; Opel

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 52, **Width of holder arm** 26.80, **Mount. bracket dist.** 68.00, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.35, **Rotation** CR





111082 Alternator

Replacing: 9120144277; 516062; -4; 11.201.664; aak4544; 63321083; -114; a13n110; -21; 7700764382; 7700767420; 7

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 55.88, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 100.95, **Rotation** CR



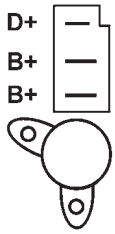


111085 Alternator

Replacing: 0120489065; -6; 11.201.203; -496; aak3573; a13n39; 1308720; 5002051; -898; 943356823; 1219754; 12349

Servicing: Volvo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 71.15, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 91.95, **Rotation** ACR





111093 Alternator

Replacing: 0120489321; -2; -5; -6; -7; -8; -9; -30; 19025070; 14965; 0061548702; 0071545302; -402; -502; -602;

Servicing: Mercedes-Benz

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR





111094 Alternator

Replacing: 0120485007; 0120489369/370; a13e45; 2940311; 068903017n; -29s; -31k; -33b; 069903023f; 0120485008; 0

Servicing: Audi; VW

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 106.75, **Rotation** CR, **Terminal** W





111095 Alternator

Replacing: 0120489429; -30; -31; a13e39; 2940363; 2941293; 030903023; 036903017l; -25n; 036903017LX

Servicing: VW

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 76.30, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

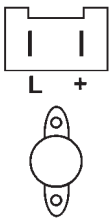


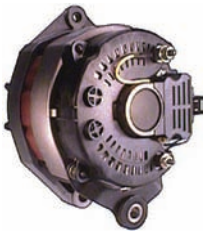

111141 Alternator

Replacing: 0120400700; 0120488282; 0120489032; -315; -725; -726; -757; 11.201.097; -685; aak1130; aak4549; 0051

Servicing: Mercedes-Benz; Man

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 80.30, **Fan** w/o, **Pulley** w/o, **Terminal** W





111144 Alternator

Replacing: 75491911; 75492505; 95494138; 95580176; 95598734; 95619682; 95635804; 516016; 510-312; 9ar2870p; a14

Servicing: Renault; Citroen; Talbot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 64.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.15, **Rotation** CR

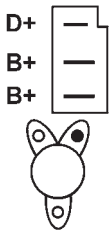



111148 Alternator

Replacing: 0120488140; -235; 0120489128; -9; -263; -348; -400; -942; -943; 283020.1; a125-65b; 4470266; 4623168

Servicing: Fiat; Lancia; Zastava; Autobianchi

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 23.00, **Mount. bracket dist.** 75.60, **Fan** w/o, **Grooves in pulley** Single, **Pulley** Serpentine Pulley, **Pulley distance** 52.25, **Rotation** CR





111150 Alternator

Replacing: 0120489200; -5; -8; 510-201; -22; 9ar2970g; -1k; 9ar5083g; 9ar5100g; 2950830; 036903017c; 068903017g

Servicing: Opel; VW

V. 12, **Amp.** 70, **Width of holder arm** 56.25, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 99.00, **Rotation** CR




111152 Alternator

Replacing: 0120489380; 2940306; 036903017f; -25m; 068903031a; -e; -f; 2523202; 036903017FX

Servicing: VW

V. 12, **Amp.** 45, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.15, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 71.15, **Rotation** CR, **Terminal** W




111153 Alternator

Replacing: 0120489549; -50; -903; -904; 63305800; -20; a13n80; a13r192

Servicing: Alfa Romeo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 32, **Width of holder arm** 27.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 52.00, **Rotation** CR

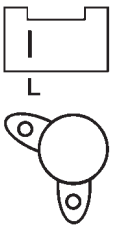



111154 Alternator

Replacing: 0120489379; -449; -497; a13e09; -43; -58; 2541438; 2940307; -9; -71; 068903017l; -t; 068903031; 0689

Servicing: Mercedes-Benz; Audi; VW; Seat

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 98.00, **Terminal** W





111155 Alternator

Replacing: 0120489173; -4; -344; 9151589980; a13n144; a13n41; a13r268; 71652102; 71653202; 2183106

Servicing: Peugeot; Talbot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 65.00, **Rotation** CR

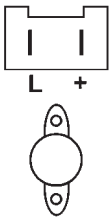



111156 Alternator

Replacing: 0120489189; -90; -358; 9ar2998p; a14n23; -36; -78; -79; -r23; -r41

Servicing: Peugeot; Talbot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 64.30, **Rotation** CR



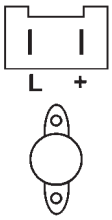


111162 Alternator

Replacing: 9120334311; a13n86; 7700499228; 7700751336; 7700753082; 7701351763; 7701489227; -8; -37; -88; 516059

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 37, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.25, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 45.80, **Rotation** CR





111163 Alternator

Replacing: 9120144285; -6; 11.201.476; aak3568; a13n88; 7700709420; 7700710963; 7700754833; 7701499248; -463; 7

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 26.75, **Mount. bracket dist.** 66.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.50, **Rotation** CR, **Terminal** W

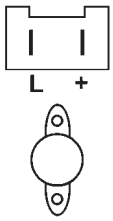



111168 Alternator

Replacing: 0120488203; 0120489123; -4; -5; -947; -948; -950; -951; -952; 051; -66; -208; 3472051; -66; -208; 34

Servicing: Opel; Vauxhall; Ferrari

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 41, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.00, **Rotation** ACR, **Terminal** W



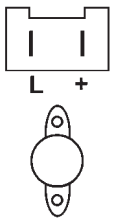


111171 Alternator

Replacing: aak3565; 9ar2933p; a13n171; a13n62; a14n53; -62; 7700754835; 7700793594; 7701351762; 7701499440; 254

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.65, **Rotation** CR, **Terminal** W



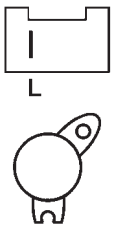


111172 Alternator

Replacing: 516044; 11.201.535; aak3594; a13n136; a13np173; 7701499490; 2181726; 2541384; -467

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 27.00, **Mount. bracket dist.** 68.65, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.75, **Rotation** CR





111173 Alternator

Replacing: 9151798480; 9603138880; a2t03292; a2t34591; a2t34591a; -b; a3t03291; a3t03291a; -b; a3t45191; -291;

Servicing: Citroen; Peugeot; Talbot

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 64.65, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 45.30, **Rotation** ACR

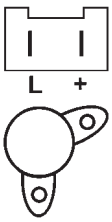



111175 Alternator

Replacing: 90041021; 9610870880; a2t13391c; -d; -e; a14n139; -72; 2541189; -369; -655; -793; a13vi108; a13vi68;

Servicing: Citroen; Peugeot

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 27.25, **Mount. bracket dist.** 69.95, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.30, **Rotation** CR





111179 Alternator

Replacing: a14n76; -95; 7700780774; 7701499288; 2518085; 5002790; 7700754853

Servicing: Renault

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 3, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.25, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 48.00, **Rotation** CR



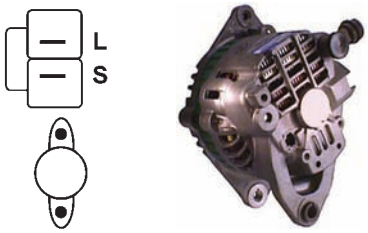

111226 Alternator

Replacing: a13n281; a13n52; 71314202; 2541768; a13n28

Servicing: Hatz

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 41, **Fan** w/o, **Pulley** w/o, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111237 Alternator

Replacing: k20118300a; hab170140; ab170036; -94; apr140ab; a2t33991; a2t33991a; B66S-18-300; K20118301A; OK2A21

Servicing: Mazda; Kia

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 4, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.55, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.75, **Rotation** CR



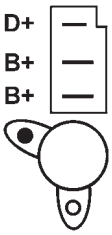


111288 Alternator

Replacing: 0120488196; -8; -9; -237; -240; 0120489198; -374; -375; -442; 11.201.122; -245; aak1140; -99; a13e41

Servicing: VW; Seat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR, **Terminal** W





111289 Alternator

Replacing: 0120400806; -7; -10; -66; -67; 0120421142; -401; 0120488176; -7; -82; -210; 0120489048; -51; -74; -7

Servicing: Ford; Austin; Rover; Land Rover; Morris; Mg; Case; Dronningborg; Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** 9.4, **B+ position in min** 25, **Width of holder arm** 11.00, **Mount. bracket dist.** 80.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 35.00, **Rotation** CR, **Terminal** W



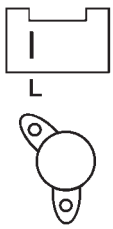


111297 Alternator

Replacing: 37300-11501; -10; -20; 37300-21000; -310; -340; hab155100; ar155ba; a1t41991; a2t04191; a2t41991; a2

Servicing: Mitsubishi; Hyundai; Dodge; Plymouth

V. 12, **Amp.** 60, **B+ / position** M5, **B+ position in min** 53, **Width of holder arm** 13.35, **Mount. bracket dist.** 47.95, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.40, **Rotation** CR



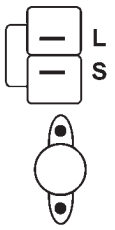


111301 Alternator

Replacing: 2541603; 7700860601; 7701352300; 8111710; a11vi29; 2541750; 7700847513; a11vi54

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 46, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.80, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 45.70, **Rotation** CR, **Terminal** W



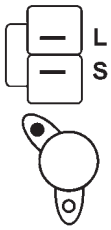


111308 Alternator

Replacing: 219101; lr165-709; lr165-709b; kk37018300; hab160100; ab160044; -63; a5t03391; B3C7-18-300; B3D1-18-

Servicing: Mazda; Ford; Hyundai

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR



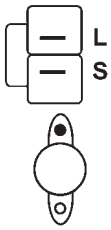


111309 Alternator

Replacing: 37300-22011; -20; -23; hab175200; ab175019; -54; ab180128; 4473; ta000a35201; a000b0391; 37300-22600

Servicing: Hyundai; Proton

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 13.15, **Mount. bracket dist.** 54.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.15, **Rotation** CR



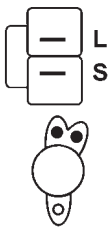


111313 Alternator

Replacing: 37030-32130; ab175024; a2t49972; -7; md106713; md125569

Servicing: Chrysler; Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 13.05, **Mount. bracket dist.** 54.95, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.35, **Rotation** CR





111314 Alternator

Replacing: 37300-36030; 37300-43850; ab190097; -205; a3t08293; md168989; 20130190; a3ta1391; a3ta1391a; md18901

Servicing: Mitsubishi; Hyundai

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.15, **Mount. bracket dist.** 55.15, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 37.90, **Rotation** CR

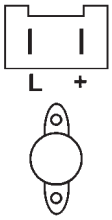


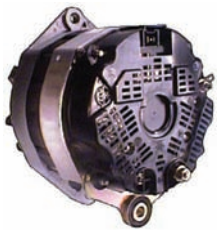

111318 Alternator

Replacing: 0123310011; -3; 9617861280; -380; 9618961580; a2ta1991; a2ta1991d; -f; 9631318180; 2542355; a13vi102

Servicing: Citroen; Peugeot; Fiat; Lancia; BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 59, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.35, **Rotation** CR



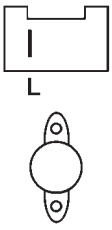


111319 Alternator

Replacing: a14n140; a14n73; -5; 7700754850; -2; 7700796914; 7700808647; 7701351764; 2541197; -307; a13vi13; 500

Servicing: Renault; Renault V.i.; Opel

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 27, **Width of holder arm** 26.90, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 47.90, **Rotation** CR



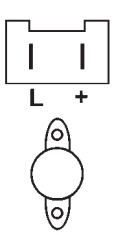


111321 Alternator

Replacing: 0120489491; 11.201.523; aak3583; a13n133; -78; -232; -241; 2541173; -445; -490; -807; 9031146; 66021

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.15, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.20, **Rotation** CR



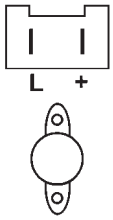


111322 Alternator

Replacing: a13n172; a14n101; 7700730364; 7700796943; 7701499250; 2541159; -469; 8111505; 35213955

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 26.75, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR



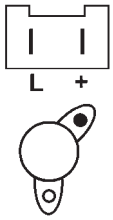


111324 Alternator

Replacing: a14n142; -71; 6025007592; 7700796907; 7700811399; 2541202; 35214420

Servicing: Renault

V. 12, **Amp.** 90, **B+ / position** M5, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 45.15, **Rotation** CR



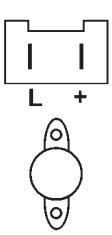


111325 Alternator

Replacing: 11.201.554; aak4506; a13n158; 7700784482; -890; -891; 7701351757; 7702150654; 2541118; 11.201.765; a

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 27.15, **Mount. bracket dist.** 66.75, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 57.10, **Rotation** CR





111326 Alternator

Replacing: 7700811462; 7700814146; -7; 7701352115; 2541325; -59; a13vi28; -30; a13vi122

Servicing: Renault; Volvo

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 26.65, **Mount. bracket dist.** 66.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.10, **Rotation** CR, **Terminal** W




111327 Alternator

Replacing: a14n67

Servicing: Porsche

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 35, **Fan** w/o, **Pulley** w/o, **Rotation** CR



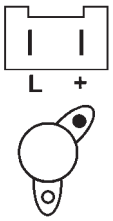

111328 Alternator

Replacing: 7700854311; 7701352116; 2541308; -613; a11vi31; a13vi14

Servicing: Renault

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.18, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 61.90, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



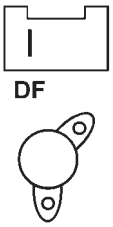


111330 Alternator

Replacing: a14n131; -51; 7700749023; 2541226

Servicing: Renault

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 56.00, **Rotation** CR



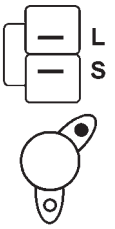


111331 Alternator

Replacing: a14n28t; a14n3; a14n3t; a14n43m; -4m; 5000785715; 5001014136; -42

Servicing: Renault V.i.

V. 24, **Amp.** 60, **B+ / position** M6, **B+ position in min** 48, **Width of holder arm** 27.30, **Mount. bracket dist.** 69.80, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 48.50, **Rotation** CR, **Terminal** W



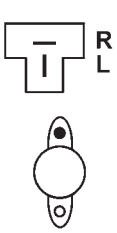


111343 Alternator

Replacing: 37300-32131; hab175160; ab175052; 37300-32130; ad175052; ha175160

Servicing: Hyundai

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 13.20, **Mount. bracket dist.** 54.75, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.70, **Rotation** CR



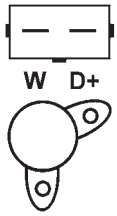


111344 Alternator

Replacing: ad225412; a5t70183; -283; me017550; -60; -61; 37300-41011; -0; a5t70270; ta000a06101; apr225aa; a2t7

Servicing: Mitsubishi

V. 24, **Amp.** 25, **B+ / position** M5, **B+ position in min** 10, **Width of holder arm** 12.55, **Mount. bracket dist.** 81.20, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 43.25, **Rotation** CR



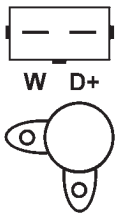


111352 Alternator

Replacing: 0120335010; 0120485034; 0123310002; -20; 0123315001; b120310050; -87; b120411203; -4; aak5169; 25414

Servicing: VW; Seat; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 14.65, **Mount. bracket dist.** 59.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.45, **Rotation** CR, **Terminal** W





111353 Alternator

Replacing: 0120485043; 0123310001; -19; -32; 0123315002; b120310084; 9517162; 2541619; -76; -819; a11vi36; -64;

Servicing: VW; Seat; Ford; Audi; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

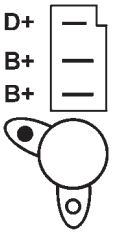



111354 Alternator

Replacing: 0120485011; -2; 0123310005; 0123315005; 11.203.024; 0081545202; 0081549702; 0091544002; -202; 254168

Servicing: Mercedes-Benz

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.35, **Rotation** CR, **Terminal** W



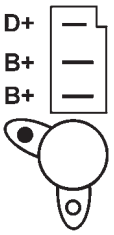


111355 Alternator

Replacing: 0120489293; -384; -385; 24158; -209; -245; -291; -294; -390; 54022579; -428; -639; -642; -647; -656;

Servicing: Austin; Rover; Nissan; Mg; Massey Ferguson; New Holland; Dronningborg; Valmet; Universal

V. 12, **Amp.** 65, **B+ / position** M6-6.3, **B+ position in min** 11, **Width of holder arm** 11.50, **Mount. bracket dist.** 81.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.00, **Rotation** CR, **Terminal** W





111362 Alternator

Replacing: 0120489290; -345; 82fb10300ea; 85bb10300da; 86ab10300eb; 86ax10300ab; -db; 87bb10300ba; 24215; -49;

Servicing: Ford; Austin; Land Rover; Mg; Valmet

V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 11.00, **Mount. bracket dist.** 81.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 34.50, **Rotation** CR, **Terminal** W




111369 Alternator

Replacing: 0123320044; 0123335002; -6; -7; 0091540102; -202; 0091545902; 0101544602; 0101545502; 0101549902; 25

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 89.85, **Rotation** CR, **Terminal** W

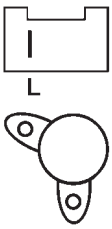



111397 Alternator

Replacing: a13n147m; -8m; -9m; -86m; a13n1m; a13n2; a13n259; a13n259m; a13n2m; a13n35m; 70229102; -502; -602; -

Servicing: Volvo Penta; Bukh

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 74.20, **Rotation** CR, **Terminal** W

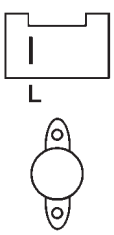



111402 Alternator

Replacing: a13n237

Servicing: Citroen; Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 40.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 59.45, **Rotation** ACR

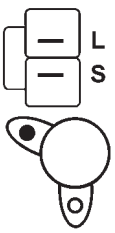



111403 Alternator

Replacing: 0120488143; 11.201.568; aak4515; a13n238; -138; -179; -3; 515003

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 33, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.25, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 46.75, **Rotation** CR, **Terminal** W

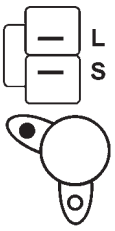



111405 Alternator

Replacing: 37300-22200; hab190140; ta000a14501; ab190058

Servicing: Hyundai

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 13.25, **Mount. bracket dist.** 55.45, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.40, **Rotation** CR




111406 Alternator

Replacing: 37300-35560; -3; -70; -71; -73; hab111100; ab111033; -57; a2t01493; a3t12291; a3t12291a; a4t01493; a

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 38, **Width of holder arm** 17.25, **Mount. bracket dist.** 55.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 23.70, **Rotation** CR




111411 Alternator

Replacing: 46407647; 46420960; 46800158; 5895028; 63321200; -33; -70; -600; -712; -848; 2541728; a11vi46; 63321

Servicing: Ford; Fiat; Lancia; Citroen; Peugeot

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 7, **Width of holder arm** 32.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 54.80, **Rotation** CR

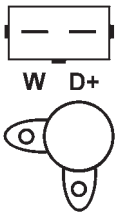



111419 Alternator

Replacing: 0120469549; -890; 4757192; -3; -4; 4844266; 0120469634; 11.201.555; aak4507; 4757193; -4; 4738026; 4

Servicing: Iveco; Fiat-Allis; Allis Chalmers; Benfra; Laverda

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 17.45, **Mount. bracket dist.** 62.50, **Fan** EF, **Grooves in pulley** 2, **Pulley** w/o, **Pulley distance** 50.00, **Rotation** CR, **Terminal** W




111477 Alternator

Replacing: 0120485038; 0123320001; -7; 0123340003; 9123320007; 1031896; 7203201; 95VW10300aaa; 95VW10300na; -ra

Servicing: VW; Seat; Ford; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 62.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

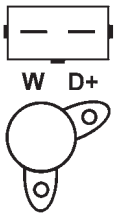



111478 Alternator

Replacing: 0123320016; -52; 9123320016; 2541856; -95; a13vi138; -56; 058903016a; -b; -e; -8a; -8b

Servicing: Audi; VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 30.50, **Rotation** CR



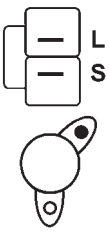


111479 Alternator

Replacing: 0120485036; 0123320002; -6; 0123340002; 2541416; 2941814; a13vi123; a13vi40; 028903025p; 030903023c;

Servicing: VW; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 6, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W





111491 Alternator

Replacing: a3t00599; a3t05499; md111932; md141119; 20130141; 37300-42750; AF175435; -503

Servicing: Mitsubishi

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.50, **Rotation** CR




111496 Alternator

Replacing: 7700260899; 2541386; a13vi32

Servicing: Renault

V. 12, **Amp.** 105, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 27.00, **Mount. bracket dist.** 69.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.00

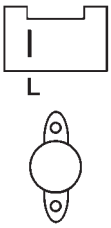



111498 Alternator

Replacing: 98490186; 2541679; a13vi73; 98490186; 35215345

Servicing: Fiat; Citroen

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 26.90, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 28.15, **Rotation** CR





111503 Alternator

Replacing: a13n169; -231; 2541151; -444; 9031138

Servicing: Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 27.00, **Mount. bracket dist.** 71.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.00, **Rotation** CR




111510 Alternator

Replacing: 510-845; -60; -64; 9ar3855g; 9ar3959g; 9ar6000; 2960000; 66021593; 47020090; 9AR3855; 9ar6000g; 4702

Servicing: Ford; Perkins

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 10.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W




111511 Alternator

Replacing: 7700857074; -5; 2541600; -42; -905; a11vi26; a13vi166; a13vi65; 8111570; 11.203.183; aak5389

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W




111512 Alternator

Replacing: 7700862865; 2541789; -942; a13vi105; -85; 8111699

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.50, **Mount. bracket dist.** 66.00, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 52.60, **Rotation** CR, **Terminal** W

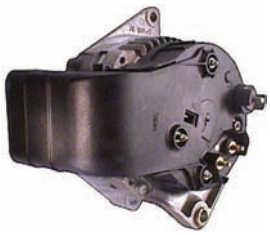



111513 Alternator

Replacing: 7700861496; 7701499604; 2541792; -908; a11vi59; -79; 8111700; 35215250

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 26.50, **Mount. bracket dist.** 69.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W

111520 Alternator

Replacing: 7700864606; 2541643; a13vi66

Servicing: Renault

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 56.00, **Rotation** CR




111521 Alternator

Replacing: 2541625; a13vi62

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 55.60, **Rotation** CR, **Terminal** W




111527 Alternator

Replacing: a14n135; 2541147

Servicing: Scania

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.70, **Fan** w/o, **Pulley** w/o, **Terminal** W




111528 Alternator

Replacing: 11.201.937; 2940060; 592601; a14n100; a14n112m; -9m; -37m; a14n81m; 2181991; 2541168; 1502272; 84594

Servicing: Volvo; Volvo Bm; Volvo Penta

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 51.50, **Fan** EF, **Pulley** Pulley, **Rotation** CR, **Terminal** W

Dust Proof.




111531 Alternator

Replacing: 7700869377; 2541791; a13vi107; 8111702; 35215210

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 44, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR




111532 Alternator

Replacing: 2541726; a13vi84

Servicing: Peugeot; Citroen

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 26.40, **Mount. bracket dist.** 58.00, **Fan** IR, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 53.00, **Rotation** CR




111620 Alternator

Replacing: 0120488254; 0120489272; -3; -307; -318; -319; -823; -824; 13850; 46231740; 5955557; 5958565; 5960289

Servicing: Alfa Romeo; Fiat; Lancia; Ferrari

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 16.30, **Mount. bracket dist.** 63.60, **Fan** EF, **Grooves in pulley** 5, **Pulley** Pulley, **Pulley distance** 47.75, **Rotation** CR




111621 Alternator

Replacing: 19025076; 7565832; 63320034; 63321067; a13e50; 2541399

Servicing: Fiat; Lancia; Autobianchi

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 32.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 57.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.




111624 Alternator

Replacing: a13n66m; 102341

Servicing: Volvo Bm

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 50.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 75.00, **Rotation** CR




111631 Alternator

Replacing: 0120469018; -33; 6033gb3020; a14n183m; 2541624; 2542514; 3986428; 8144401; 11.203.215; aak5517; 6033

Servicing: Volvo

V. 24, **Amp.** 60, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 14.00, **Mount. bracket dist.** 101.50, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** W




111644 Alternator

Replacing: a13vi109; a13vi80; 2541700; a13vi36; -7; 95667751; 2541408; 11.203.093; aak5359; 35214950

Servicing: Citroen; Peugeot; Iveco

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.40, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR

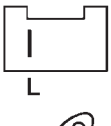



111647 Alternator

Replacing: 21EA00050; 2191166; 390087

Servicing: John Deere; New Holland; Timberjack; Cummins; Komatsu

V. 24, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 15.00, **Mount. bracket dist.** 102.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 38.25, **Rotation** CR






111651 Alternator

Replacing: 9120334310; 95607228; 451066; 516012c; 516014; 46231723; 77612410; 9ar2663k; -73k; 9ar2964k; 555779;

Servicing: Citroen; Peugeot; Fiat; VW

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.00, **Rotation** CR




111656 Alternator

Replacing: 0120489116; -7; -766; -767; 023; -6; -37; -48; -59; 3472023; -6; -37; -48; -59; 1204006; -14; -69; -

Servicing: Opel; Vauxhall; Bedford

V. 12, **Amp.** 45, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 77.00, **Rotation** CR

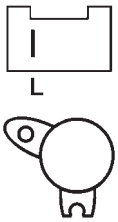



111658 Alternator

Replacing: a14n118m; -41m; a14n200m; -6m; 2522104; 2541199; -828; -850; 872021; lea0495

Servicing: Volvo; Renault V.i.; Volvo Penta

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 50.75, **Fan** w/o, **Insulator** D, **Pulley** w/o, **Terminal** W



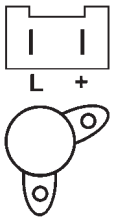


111659 Alternator

Replacing: 95580177; 95598732; a13n247; a14n90; -1; 2941222

Servicing: Citroen; Peugeot; Talbot

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 50, **Width of holder arm** 35.60, **Mount. bracket dist.** 54.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 60.60, **Rotation** ACR



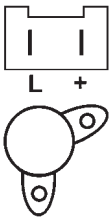


111661 Alternator

Replacing: a14n54; 7700710373; 7701351399; 7701361053; 2541354

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 48.00, **Rotation** CR, **Terminal** W





111663 Alternator

Replacing: a13n128; 7700731040; 2541112

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 35, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.75, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.25, **Rotation** CR




111665 Alternator

Replacing: 0120488162; -3; 0120489125; -949; -952; 119; -219; 3472119; 3493119; -219; 1204076; 0120488174; -5;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 28, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 84.00, **Rotation** CR

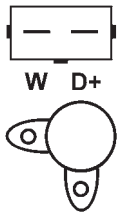



111676 Alternator

Replacing: 0120485020; 0123320003; -48; 0123340001; b120411182; 2541817; a13vi126; 028903018f; -23e; -25e; 0120

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.80, **Mount. bracket dist.** 60.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR, **Terminal** W





111677 Alternator

Replacing: 0120485023; -39; 9517187; 021903023q; 0123320005; 11.203.228; aak5522; 2541420; a13vi44; 0123340005

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00




111686 Alternator

Replacing: 0120489018; -136; -152; -153; -212; -219; 19025060; 4765931; -3; -4; 4787668; -71; 4808506; -10; -17

Servicing: Alfa Romeo; Fiat; Lancia; Lamborghini; Laverda; Iveco

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 17.00, **Mount. bracket dist.** 71.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 49.50, **Rotation** CR

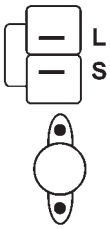


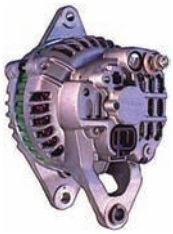

111710 Alternator

Replacing: ac155616; ac165610; -7; -8; 80-5844t; -84p; -84t; 80-7652; 80-7652t; 80-7653; 80-7653t; ac165616; 80

Servicing: Mercury; Omc

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 50.70, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 72.00, **Rotation** CR/ACR



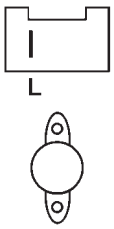


111714 Alternator

Replacing: kk13718300; ab150021; K13718300B; 20130164; KK33918300; KK13718300B

Servicing: Kia

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.00, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR





111716 Alternator

Replacing: 3618907r1; a13n275; 2541713

Servicing: Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 52.00, **Rotation** CR, **Terminal** W





111718 Alternator

Replacing: 0123100001; 7700105333; 2541953; a11vi88; 8111920; tg8s025; -17; lea0458

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 26.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

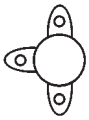



111719 Alternator

Replacing: 7700106501; 7700422143; 2541976; 2542315; a13vi207; -54; -92; 8111906

Servicing: Renault

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 26.30, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 46.00, **Rotation** CR, **Terminal** W




111720 Alternator

Replacing: 1371679; 1377400; 1433689; 1440768; -9; 571523; -7; 2541873; -916; 2542415; -6; -33; -79; 549277; a1

Servicing: Scania; Chevrolet

V. 24, **Amp.** 90, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 22.70, **Mount. bracket dist.** 68.70, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W




111722 Alternator

Replacing: 7700107124; 7700424596; 7700430181; 2541978; -99; 2542231; -363; a11vi104; a11vi92; -7; a13vi224; 81

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 26.80, **Mount. bracket dist.** 68.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W




111723 Alternator

Replacing: 63321671; -771; 9631324980; 9631325080; 2541965; a11vi89

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** w/o, **Rotation** CR




111773 Alternator

Replacing: 7700424584; 7700436628; 2541985; 2542368; a13vi213; -67; 8111911

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.90, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR




111775 Alternator

Replacing: 7700106500; 7700422142; 7700431946; 2541977; 2542316; a13vi208; -55; 8111905

Servicing: Renault; Volvo

V. 12, **Amp.** 120, **B+ / position** M6, **B+ position in min** 43, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.60, **Rotation** CR, **Terminal** W

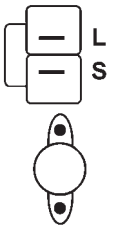



111776 Alternator

Replacing: 12311744561; 2541835; a13vi132

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Mount. bracket dist.** 73.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 68.50, **Rotation** CR





111787 Alternator

Replacing: ab170035; ta000a08101; OK001218300; ok01218300; OK01118300B; -C; -D; 20130166

Servicing: Kia

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR




111788 Alternator

Replacing: 6204014; -60; 90511442; 90542409; 2541694; a13vi76

Servicing: BMW; Opel; Vauxhall

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 34, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 77.00, **Rotation** CR




111799 Alternator

Replacing: 0120489310; -1; -2; 8545675; -758; 8597924; 9506221; 0120489253; 8545667; 9555251; 2940361; 11.201.5

Servicing: Saab

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 56.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 79.50, **Rotation** CR, **Terminal** W




111800 Alternator

Replacing: 0120489341; -3; 070; -188; 3472070; -188; 3493620; 620; 1101199; 11.201.297; aak4131; 1204043; -4; -

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 88.00, **Rotation** CR, **Terminal** W

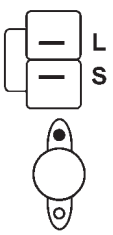



111803 Alternator

Replacing: 63321170; a13n269; 7700820794; 7700859724; 7701352209; 2541695; 8111569; s114-806a

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 28.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 50.50, **Rotation** CR



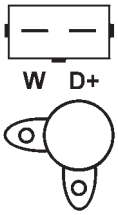


111807 Alternator

Replacing: Z505-18-300A; a2t39391; a2t80391; a2t83491; a2t83491a; a2ta1191; a2ta3991; a2ta5891; 10464206; -388;

Servicing: Mazda; Kia

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 13.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR





111820 Alternator

Replacing: 0123320019; -27; -34; 9517181; -3; 2541801; a13vi114; 028903027l; -8g; 037903025c; 11.203.080; aak53

Servicing: Skoda; Audi; VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.80, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W



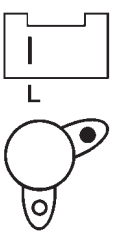

111834 Alternator

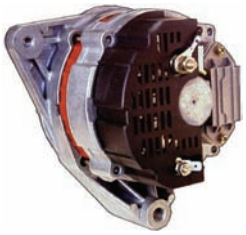
Replacing: 0120469569; -643; -763; -807; -900; -959; 257592; a13n11; 11.201.801; aak1398; 0120469960; 858882; i

Servicing: Scania

V. 24, **Amp.** 55/70, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 80.50, **Fan** EF, **Pulley** w/o, **Terminal** W

Cargo 112182 (80 Amp)



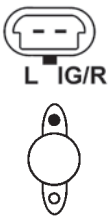


111841 Alternator

Replacing: 0120489467; -76; 95624961; 95632024; 9602174480; 11.201.060; -624; aak1111; aak3515; a1t02674; a1t02

Servicing: Citroen; Peugeot

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 57, **Width of holder arm** 55.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 95.50, **Rotation** CR



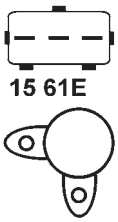


111847 Alternator

Replacing: 96314258; 96380673; 219170; ab165104; 96380673; 96518124; 219251

Servicing: Daewoo; Chevrolet

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 15.10, **Mount. bracket dist.** 65.30, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 42.00, **Rotation** CR





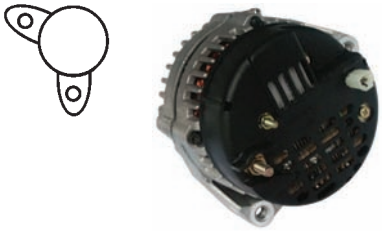
111873 Alternator

Replacing: 12311432978; 12311740633; 0123315013; 0123325010; 2541811; -912; a13vi119; -60; 12311432977; 1231174

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 28.00, **Mount. bracket dist.** 76.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 69.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

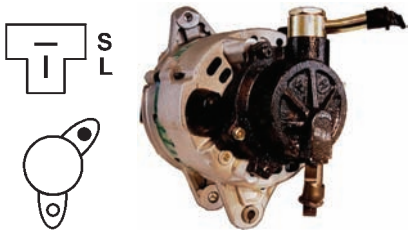


111890 Alternator

Replacing: 0123320041; 0123340007; 11.203.030; 0091543302; 0101540802; 0101544802; a13vi222; aak5322; A00915433

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 38, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W

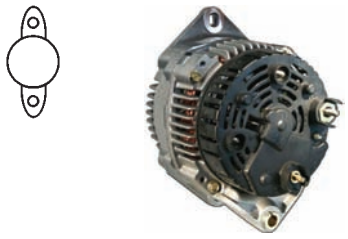


111929 Alternator

Replacing: 37300-42114; -203; -204; -206; -804; -q10; had165520; ad165202; -320; ad165320q; ad165321; bm51267ar

Servicing: Hyundai

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 13.15, **Mount. bracket dist.** 54.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR

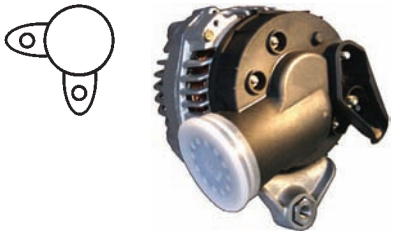


111932 Alternator

Replacing: 7700424575; 2541989; a13vi217; 8602159

Servicing: Renault; Volvo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 26.70, **Mount. bracket dist.** 66.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.00, **Rotation** CR, **Terminal** W

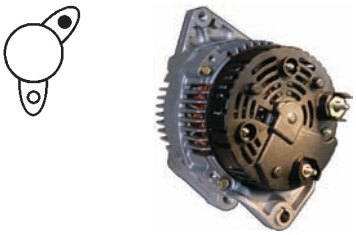


111933 Alternator

Replacing: a13vi140

Servicing: BMW

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 27.85, **Mount. bracket dist.** 74.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.65, **Rotation** CR

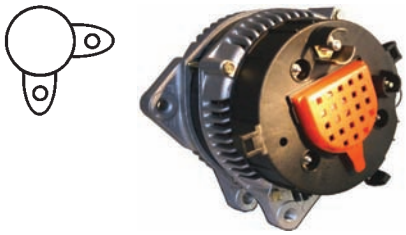


111934 Alternator

Replacing: 7700424583; -5; 7700436627; 2541979; 2542367; a11vi93; a13vi212; -66; 8111910; -2

Servicing: Renault

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.40, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 52.50, **Rotation** CR

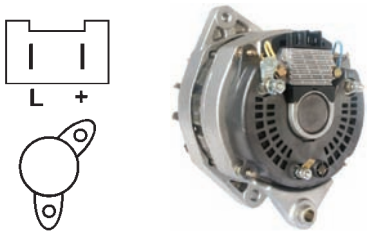


111935 Alternator

Replacing: 9627963380; 9631919080; 2541842; a14vi18; -24

Servicing: Citroen; Peugeot

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.45, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 23.85, **Rotation** CR

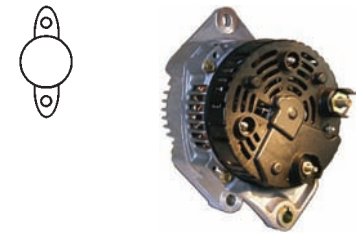


111936 Alternator

Replacing: a14n176; -99; 5010270136; 6006000435; 7701352504; 2541810

Servicing: Renault

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 85.00, **Rotation** CR, **Terminal** W

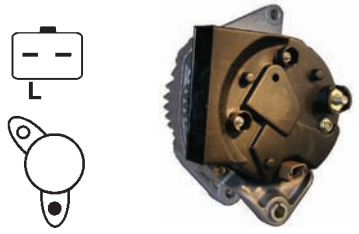


111937 Alternator

Replacing: 4500044; 9160344; 7700300407; 2541928; a11vi81

Servicing: Opel; Renault; Vauxhall

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 27.00, **Mount. bracket dist.** 69.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR, **Terminal** W



111938 Alternator

Replacing: 7700429042; 7700870279; 2541947; 2542275; a11vi87; a13vi235; 8111917; 8253540

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 68.50, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 67.00, **Terminal** W



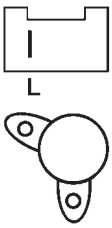


111939 Alternator

Replacing: a13vi188

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.45, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 66.45, **Rotation** CR



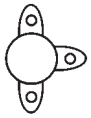


111940 Alternator

Replacing: 3618908m1; -r1; a13n274; -6; 2541712; -4

Servicing: Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 71.30, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W





111941 Alternator

Replacing: 9631919180; 2541841; 2542203; a14vi17; -25

Servicing: Citroen; Peugeot; Renault; Lancia; Fiat

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 22.75, **Mount. bracket dist.** 44.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.40, **Rotation** CR





111943 Alternator

Replacing: 0101543902; 0121544402; 2542414; a13vi202; sg9b039; A0101543902; A0121544402

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 140.20, **Mount. bracket dist.** 42.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.50, **Rotation** CR





111944 Alternator

Replacing: 9632489280; 9634475880; 2541967; 2542289; -98; a13vi201; sg12s019

Servicing: Man; Citroen; Peugeot; Renault; Lancia; Fiat

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 22, **Mount. bracket dist.** 45.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.50, **Rotation** CR



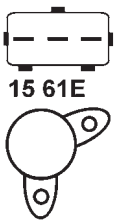


111946 Alternator

Replacing: 12311247288; -310; 2541697; a13vi78

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 19.65, **Mount. bracket dist.** 73.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.80, **Rotation** CR



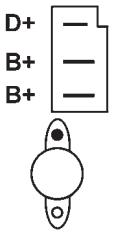


111947 Alternator

Replacing: 12312246078; -572; -573; 2541884; a13vi150

Servicing: BMW

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 77.00, **Rotation** CR





111948 Alternator

Replacing: 23865; 24019; -22; -87; 9ar2553; 9ar2786k; 9ar2851; 9ar2861k; 9ar2862; 9ar2862k; 9ar2944k; 2940772;

Servicing: Massey Ferguson

V. 12, **Amp.** 70, **B+ / position** Plug, **B+ position in min** 20, **Width of holder arm** 27.50, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W





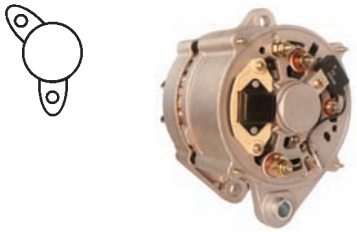
111967 Alternator

Replacing: 0101543802; 0111543502; 0111545602; 2542291; -412; a13vi178; -237; sg9b037; A0101543802; A0111543502

Servicing: Mercedes-Benz

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 140.00, **Mount. bracket dist.** 41.20, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 30.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

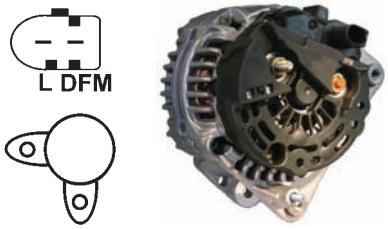


111987 Alternator

Replacing: 0120469010; -22; -23; -26; -110; -113; -679; -978; -999; 6333g3013b; 0120469027; -31; -673; -849; a1

Servicing: Iveco

V. 24, **Amp.** 55, **B+ / position** M8, **B+ position in min** 33, **Width of holder arm** 17.00, **Mount. bracket dist.** 63.80, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 65.20, **Rotation** CR, **Terminal** W

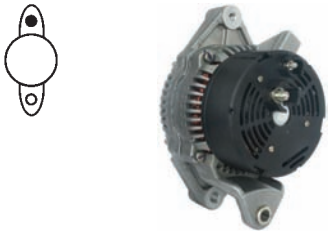


111989 Alternator

Replacing: 0124325003; 9517213; 2542241; sg9b013; 028903028d; 030903023j; 11.203.313; aak5544; SG9B088; -49; -5

Servicing: VW; Audi; Skoda; Seat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 53, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR

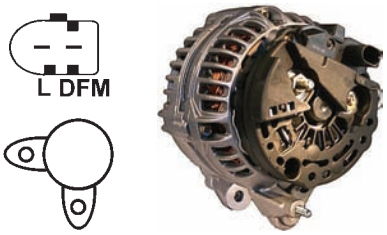


111990 Alternator

Replacing: 0124225002; -24; 1204123; 6204076; 90561970; 9192823; 2542543; 24463063; SG7S021; 35215230; 9129823;

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 33.50, **Mount. bracket dist.** 55.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 55.00, **Rotation** CR

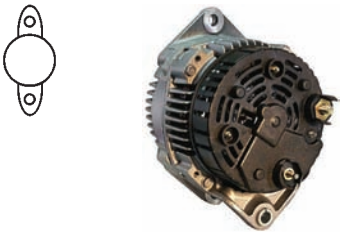


112002 Alternator

Replacing: 0124515010; 1100712; 98VW10300ea; ym2110300aa; lr1120-701; 2542237; -461; sg12b015; -42; 028903028e;

Servicing: Audi; VW; Ford; Seat; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **Width of holder arm** 14.50, **Mount. bracket dist.** 61.80, **Fan** IF, **Pulley** w/o, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W

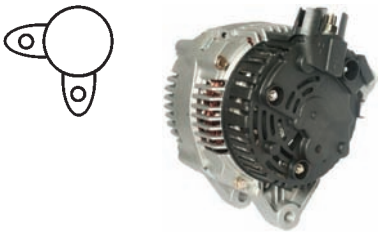


112057 Alternator

Replacing: 4500045; 9161247; 7700300408; 2541927; a13vi179

Servicing: Renault; Opel; Vauxhall

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 14, **Width of holder arm** 26.40, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 53.00, **Rotation** CR, **Terminal** W

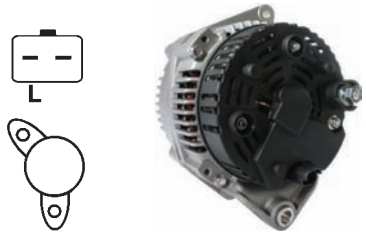


112058 Alternator

Replacing: 9621791680; 9627727180; 9642880280; 2541969; 2542483; a11vi91; sg7s014; 20110438; 57052a; SG7S024; 2

Servicing: Peugeot; Citroen; Fiat

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 21.80, **Mount. bracket dist.** 46.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.25, **Rotation** CR

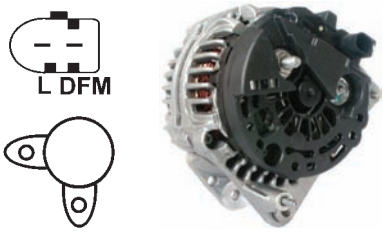


112059 Alternator

Replacing: 7700105539; 2541954; a13vi195; 8111921; A13VI300

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 27.40, **Mount. bracket dist.** 66.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR



112079 Alternator

Replacing: 0124325001; -12; 98VW10300ca; 038903023l; 98vn10300ca; 9517413; 1100711; 9517483; 11.203.312; aak554

Servicing: VW; Ford; Audi; Seat; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.90, **Fan** IF, **Pulley** w/o, **Rotation** CR



112094 Alternator

Replacing: 12311704081; 12311747205; 2541612; a13vi59

Servicing: BMW

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 27.70, **Fan** IF, **Grooves in pulley** 7, **Pulley** Serpentine Pulley, **Pulley distance** 65.00, **Rotation** CR

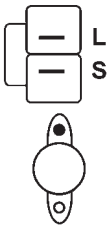



112097 Alternator

Replacing: 0120488252; -3; 0120489410; -2; -612; -638; -639; -792; -793; -794; -795; -796; 2998230; 19025044; -

Servicing: Iveco; Allis Chalmers; Astra; Fahr; Laverda

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 17.00, **Mount. bracket dist.** 73.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR, **Terminal** W





112100 Alternator

Replacing: 92ja10300aa; JE15-18-300; JE34-18-300A; a2t13977; a2t13977x; a2t19677; -777; -877; a2t32899; ab17003

Servicing: Mazda; Mercury

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 13.30, **Mount. bracket dist.** 66.65, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 41.50, **Rotation** CR

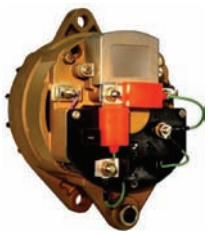



112108 Alternator

Replacing: a13n143m; a13n36m

Servicing: Volvo Penta; Bukh; Baudouin; Daf

V. 24, **Amp.** 35, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 51.50, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W

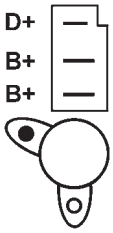



112109 Alternator

Replacing: 2523070; 2940753

Servicing: Iveco

V. 24, **Amp.** 45, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 15.90, **Mount. bracket dist.** 72.30, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** w/o, **Pulley distance** 47.00, **Rotation** CR, **Terminal** W





112112 Alternator

Replacing: 11.201.332; -832; aak3301; 510-810; -1; -2; -3; -22; -23; -24; -25; -26; -42; -59; 9ar2723p; -4p; -3

Servicing: Yanmar; Perkins; Sabre

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 11.50, **Mount. bracket dist.** 82.50, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 45.00, **Rotation** CR/ACR, **Terminal** W




112113 Alternator

Replacing: a14n110m; a14n114; a14n114t; -5m; -6m; a14n30m; 592786; 102052

Servicing: Volvo; Renault V.i.; Volvo Bm

V. 24, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.75, **Fan** EF, **Insulator** D, **Pulley** w/o, **Rotation** CR, **Terminal** W





112144 Alternator

Replacing: 0124325024; -31; 0124415007; -13; -14; 7700101274; 7700421477; 7700427932; 7700429310; 7700434899; -

Servicing: Renault; Nissan; Dacia

V. 12, **Amp.** 98, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 80.00, **Mount. bracket dist.** 40.50, **Fan** IF, **Pulley** w/o, **Rotation** CR

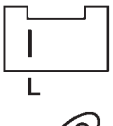



112149 Alternator

Replacing: 0120489185; -362; -363; -365; -369; -370; -436; -437; -499; 9127041200; -1; 2541434; 2940304; -5; -7

Servicing: Audi; VW; Seat

V. 12, **Amp.** 65, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 109.80, **Rotation** CR, **Terminal** W





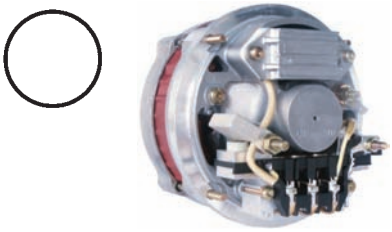
112162 Alternator

Replacing: 96016744; 11.201.493; -590; aak3572; aak4535; 334113516414; 443113516414; 9515414; 9ar5055p; 557291;

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.90, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

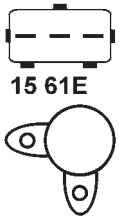


112183 Alternator

Replacing: a13n165; 2541133; 1179897; 1180660; 11.201.292; AAK2301; 2541659; a13n255; AAK2306; 11.203.106

Servicing: Khd

V. 12, **Amp.** 60, **B+ / position** M6, **Fan** w/o, **Pulley** w/o, **Rotation** CR, **Terminal** W





112193 Alternator

Replacing: 12311432986; -7; 12311740629; 12317501595; -7; -9; -690; -755; 0123515004; -22; 0124515050; 2541963;

Servicing: BMW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 28.00, **Mount. bracket dist.** 77.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 69.00, **Rotation** CR





112197 Alternator

Replacing: 0123510082; -107; -108; 0101545902; 0101549602; 0111540902; 0111547802; A0101545902; A0101549602; A0

Servicing: Mercedes-Benz

V. 12, **Amp.** 115, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 69.80, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 31.00, **Rotation** CR





112199 Alternator

Replacing: 7700101279; 7700422237; 7700432331; 2541980; 2542342; a11vi94; sg7s010; 8253502; sg7s013; -71; LEA04

Servicing: Renault; Nissan; Dacia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 80.00, **Mount. bracket dist.** 40.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 21.00, **Rotation** CR





112230 Alternator

Replacing: 2541461; -740; a13vi49; -87; 11.201.769; aak5136; lea0217

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.20, **Mount. bracket dist.** 69.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR



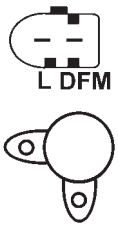


112273 Alternator

Replacing: 0124315008; 037903025j; -Q; 2542258; sg8b016

Servicing: Seat; VW; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR





112274 Alternator

Replacing: 0124325013; -32; 9517212; a13vi223; 037903025m; 038903018a; 047903015h; 11.203.314; aak5545; sg9b024

Servicing: Seat; VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.50, **Rotation** CR





112287 Alternator

Replacing: 2541725; a11vi45

Servicing: Peugeot; Citroen; Rover

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 27.00, **Mount. bracket dist.** 55.80, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 52.10, **Rotation** CR





112292 Alternator

Replacing: 0120335012; 95667747; 9612259680; 9613496680; 2541459; -710; -735; a11vi25; -40; -51; -72

Servicing: Citroen; Peugeot; Fiat; Suzuki

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.20, **Mount. bracket dist.** 69.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




112298 Alternator

Replacing: 9607641280; 9611366880; 9611369580; 9612257180; 11.201.094; a2t37691; a2t37691a; a2ta0291; a2ta0291b

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 26.10, **Mount. bracket dist.** 66.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




112299 Alternator

Replacing: 9610601580; 9616862980; 9619333080; 11.201.534; a3ta0591; a3ta0591c; -d; -e; -f; a4t02891; a4t02891a

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.30, **Mount. bracket dist.** 67.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR



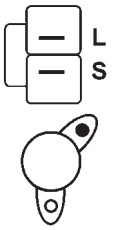


112327 Alternator

Replacing: 37300-38310; ab195126; a3ta5491; a3ta7791; a3tb0291; md343416; md358607; md360635; 4851; 20130174; a

Servicing: Mitsubishi; Hyundai; Kia

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.45, **Rotation** CR



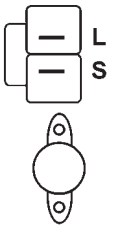


112333 Alternator

Replacing: 37300-42354; -5; -6; af111364; 37300-42353; 37300-32354

Servicing: Hyundai

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.20, **Rotation** CR



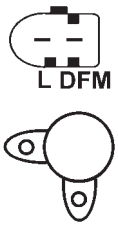


112334 Alternator

Replacing: 02131-9040; ok55518300a; OK55218300B; OK55518300; AF185452; 20130160; ok55318300a

Servicing: Kia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 17, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR



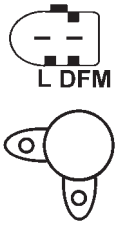


112396 Alternator

Replacing: 0124325018; -49; 2542239; -507; sg9b017; -42; 028903029a; -d; -s; -t

Servicing: Audi; VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.85, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.45, **Rotation** CR





112397 Alternator

Replacing: 0124515026; -83; 2542234; -508; sg12b012; -49; 028903029b; -e; 028903031; 028903031a

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 14.10, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.85, **Rotation** CR



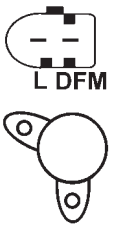


112398 Alternator

Replacing: 0124315010; 2542238; sg8b010; 06b903016; 06b903016c

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 35.00, **Rotation** CR





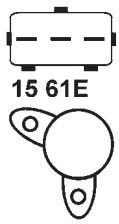
112399 Alternator

Replacing: 0124325017; -20; 2542225; sg9b010; 06b903016a; -d; 071903016c; sg9b011; 0124325019; sg9b027; 0124325

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.50, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.65, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



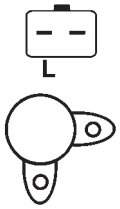


112413 Alternator

Replacing: 12311435423; -5; -6; -7; -9; 0123315022; 0123325011; 2541961; a13vi190; 2542515

Servicing: BMW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 35, **Width of holder arm** 20.00, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.00, **Rotation** CR



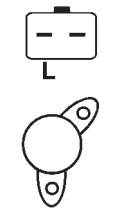


112457 Alternator

Replacing: a2tb6481; 8200120286; 8200373636; a2tv0981; 23100-0q02h; 23100-BN700; tg11c011; 2542664; 23100-00QA1

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 15.75, **Mount. bracket dist.** 59.50, **Fan** IF, **Pulley** w/o, **Rotation** CR





112458 Alternator

Replacing: 8200054588; 8200107686; 2542466; a13vi289; sg10b019; 8253813; 2542495; a13vi285; sg10b010; 770043194

Servicing: Renault

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 27.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Pulley** w/o, **Rotation** CR, **Terminal** W




112460 Alternator

Replacing: 0124615002; 9621791480; 9639362380; 9645907680; -880; 71716671; a4tf0091a; -b; 9635342080; 2542228;

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.60, **Rotation** CR

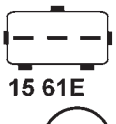



112461 Alternator

Replacing: 9636254180; 9640878780; 9641302580; 2541251; 2542351; -500; -564; a14vi35; -41; sg15s018; 9645907580

Servicing: Peugeot; Citroen; Suzuki; Fiat; Lancia; Alfa Romeo

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** Single, **Width of holder arm** 22.30, **Mount. bracket dist.** 45.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 42.00, **Rotation** CR



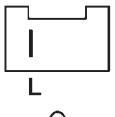


112462 Alternator

Replacing: 12312247389; 2542251; a14vi28

Servicing: BMW; Rover; Land Rover; Mg

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 27.85, **Mount. bracket dist.** 75.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 60.00, **Rotation** CR



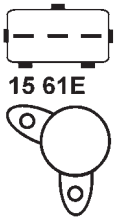


112463 Alternator

Replacing: 2541875; -82; -83; a11vi76; -7; -86; a13vi149; 9031311; -705; 35214355

Servicing: Volvo

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W





112465 Alternator

Replacing: 12311435938; 2541962; a13vi200; -87; 2542516

Servicing: BMW

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 20.00, **Mount. bracket dist.** 73.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.30, **Rotation** CR

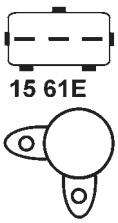



112467 Alternator

Replacing: 9636545580; 2541863; 2542375; a13vi142; -273

Servicing: Peugeot; Citroen

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 26.60, **Mount. bracket dist.** 56.70, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 55.00, **Rotation** CR





112468 Alternator

Replacing: 12312248296; 12317788247; 2542264; a14vi29; -53; 2542686; -62; A14VI52; 24451624; 2542826; SG15S030;

Servicing: BMW; Opel; Vauxhall

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 27.80, **Mount. bracket dist.** 75.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 60.70, **Rotation** ACR





112469 Alternator

Replacing: 9638275780; 9642880180; 9636204680; 2542297; -397; -490; a13vi242; -77; sg10b022; 11.203.710; AAK574

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** Single, **Width of holder arm** 22.20, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.50, **Rotation** CR



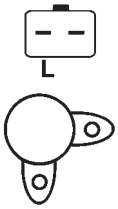


112470 Alternator

Replacing: 7700431944; 2542327; a13vi253

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 27.50, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.00, **Rotation** CR, **Terminal** W



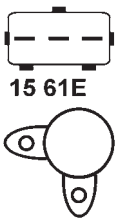


112471 Alternator

Replacing: 4403540; 9111540; 7700426849; 2542272; sg12b017; 8253785; 8602279; 2542393; SG12B071; -96; -110; 254

Servicing: Renault; Opel; Volvo; Vauxhall; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.50, **Mount. bracket dist.** 60.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 32.50, **Rotation** CR





112472 Alternator

Replacing: yle102020; 2542265; a13vi234; SG12B080; 2542797; sg12b039

Servicing: Rover; BMW; Land Rover; Mg

V. 12, **Amp.** 100, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 28.00, **Mount. bracket dist.** 75.40, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 61.00, **Rotation** CR





112473 Alternator

Replacing: 4402600; 4404174; 7700430183; -579; 8200107688; 2542271; -302; -553; a13vi238; -91; sg10b011; 825361

Servicing: Renault; Opel; Vauxhall

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 27.00, **Mount. bracket dist.** 68.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR

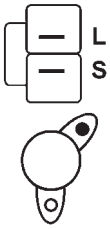



112480 Alternator

Replacing: 9623727380; 9635772880; 71716609; a2tb4891a; -b; 9642880480; 2541971; 2542489; a13vi204; sg10b021

Servicing: Peugeot; Citroen; Lancia; Fiat

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 22.00, **Mount. bracket dist.** 46.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 44.00, **Rotation** CR





112500 Alternator

Replacing: 37300-43800; ab175359

Servicing: Hyundai

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 13.10, **Mount. bracket dist.** 54.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.00, **Rotation** CR



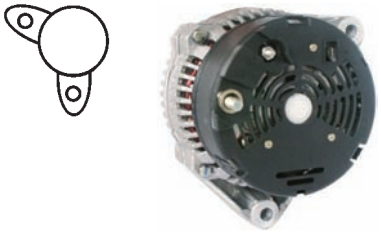


112501 Alternator

Replacing: 37300-45150; ac270370

V. 24, **Amp.** 70, **B+ / position** M10, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 28.00

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

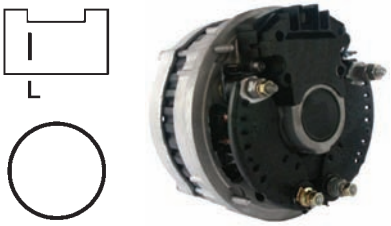


112529 Alternator

Replacing: 0123320045; -61; 0123335003; 0091543002; 0091545802; 0101544702; 0101545402; 0111540402; 2541775; -9

Servicing: Mercedes-Benz; Ssangyong; John Deere

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR, **Terminal** W

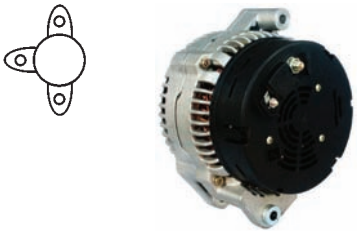


112548 Alternator

Replacing: a13n271

Servicing: Khd

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Fan** w/o, **Pulley** w/o, **Terminal** W

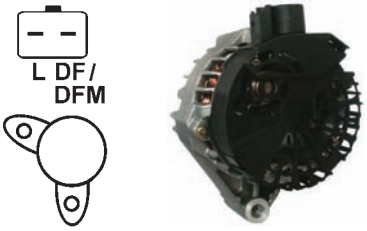


112557 Alternator

Replacing: 0120465012; 0123213006; 0123500004; 0123505014; 0123545001; -3; b120510078; -9; 101211-5570; -1; 770

Servicing: Volvo; Renault

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 21.00, **Mount. bracket dist.** 55.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.80, **Rotation** CR

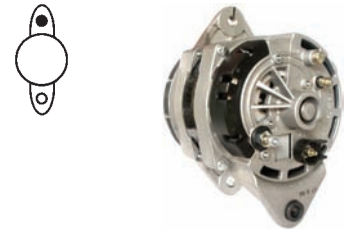


112648 Alternator

Replacing: 63321741; 2542305; -98; a11vi102; -8

Servicing: Citroen; Peugeot

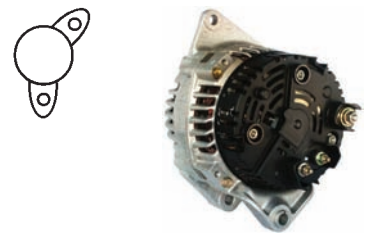
V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 75.00, **Rotation** CR



112657 Alternator

Replacing: 219072; 21ea00040; 390086

V. 24, **Amp.** 60, **B+ / position** M6, **B+ position in min** 40, **Width of holder arm** 14.85, **Mount. bracket dist.** 101.00, **Fan** EF, **Grooves in pulley** 8, **Pulley** Serpentine Pulley, **Pulley distance** 42.75, **Rotation** CR

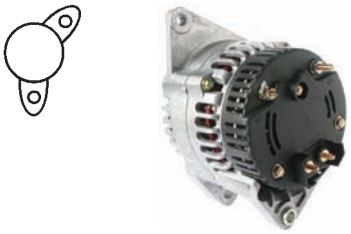


112678 Alternator

Replacing: 7700855616; 7701352117; 2541394; a13vi35

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 16, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 62.50, **Rotation** CR, **Terminal** W

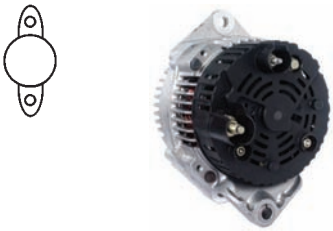


112679 Alternator

Replacing: 7700414371; 7700416958; 7700857073; 2541610; -887; -903; -906; a13vi153; -64; -67; a13vi57; 8111571;

Servicing: Renault; Volvo

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 27.70, **Mount. bracket dist.** 66.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W

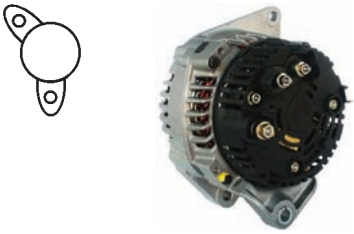


112681 Alternator

Replacing: 46231787; 98490185; 2541678; a13vi72; 35215340

Servicing: Fiat; Citroen

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 69.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR



112682 Alternator

Replacing: 7700860976; 7701352304; 2541608; a13vi163; a13vi55; 8111577

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 41, **Width of holder arm** 27.00, **Mount. bracket dist.** 68.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 54.00, **Rotation** CR, **Terminal** W

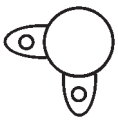



112683 Alternator

Replacing: 12311734322; 0120489084; a14v13; 2521682; 2541682

Servicing: BMW

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 12, **Width of holder arm** 16.00, **Mount. bracket dist.** 82.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 72.40, **Rotation** CR




112687 Alternator

Replacing: 12311730580; 12311735743; -92; 12311744560; -2; 0120469967; 0120485048; 2541494; a13vi54; 1231173060

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Mount. bracket dist.** 76.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 69.00, **Rotation** CR




112688 Alternator

Replacing: 9617849180; 9624141580; a2ta2094; a2ta2094b; -c; -d; 9631318480; 2541758; 2542254; -358; a13vi231; a

Servicing: Alfa Romeo; Citroen; Peugeot; Lancia; Fiat

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 55.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.50, **Rotation** CR




112692 Alternator

Replacing: 12311726897; 12311730725; -53; 12311735403; 12311738511; -2; 0120469006; -7; -984; -985; a14v18; 254

Servicing: BMW

V. 12, **Amp.** 105, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Mount. bracket dist.** 76.45, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 68.00, **Rotation** CR




112695 Alternator

Replacing: 7700866507; 7700871033; 2541788; -97; -937; -938; a11vi61; -85; a13vi104; -84; 8111698

Servicing: Renault

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 26.80, **Mount. bracket dist.** 66.40, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 52.50, **Rotation** CR, **Terminal** W




112696 Alternator

Replacing: 7700862613; 2541641; a13vi165; a13vi64; 8602101

Servicing: Renault; Volvo

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 26.60, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W




112701 Alternator

Replacing: 2541720; -64; a11vi44; -38; -56; 2541684

Servicing: Peugeot; Citroen

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 28, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 89.00, **Rotation** CR, **Terminal** W




112703 Alternator

Replacing: 9617843180; 9618946480; 9619916180; a3ta5591; a3ta5591a; 9630080280; 2541760; a14vi13

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 57, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 91.50, **Rotation** CR



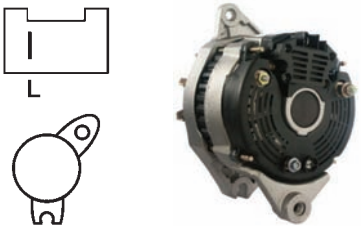

112704 Alternator

Replacing: 2541747; a14vi11; 9620170280

Servicing: Peugeot

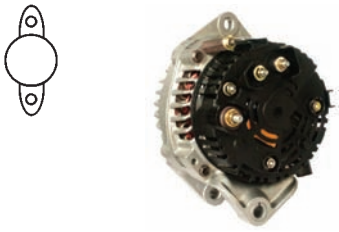
V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 26.90, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



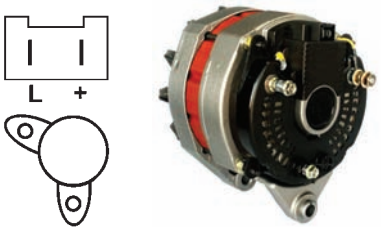
112705 Alternator

Replacing: a13n207
Servicing: Rover
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.75, **Rotation** CR, **Terminal** W



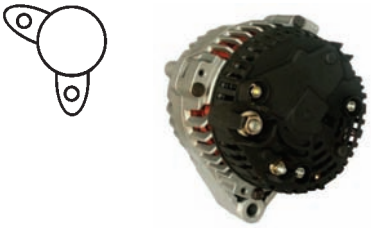
112706 Alternator

Replacing: 2541448; a13vi47
Servicing: Renault
V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 26.90, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 52.50, **Rotation** CR, **Terminal** W



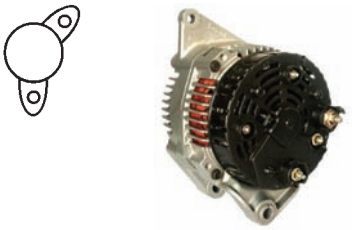
112707 Alternator

Replacing: a14n152; 2541230; 35214080
Servicing: Renault
V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 27.50, **Mount. bracket dist.** 65.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 47.50, **Rotation** CR, **Terminal** W



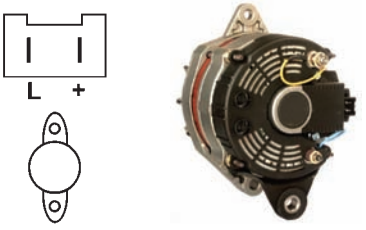
112711 Alternator

Replacing: 9621308580; 2541862; a13vi141
Servicing: Citroen; Peugeot; Scania
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 42, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 74.00, **Rotation** CR, **Terminal** W



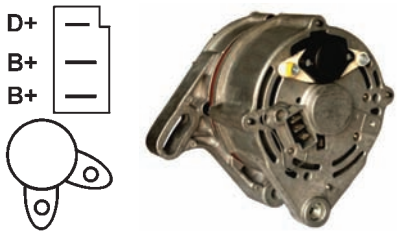
112715 Alternator

Replacing: 7700424594; 2941983; a13vi211
Servicing: Renault
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 26.80, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W



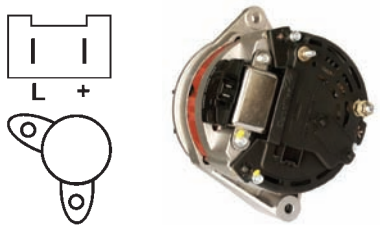
112726 Alternator

Replacing: a13n126; a13n30; 7701499458
Servicing: Renault; Volvo
V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 7, **Width of holder arm** 27.00, **Mount. bracket dist.** 69.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR



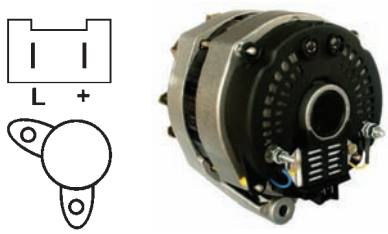
112727 Alternator

Replacing: 9120144279; -80; 63321059; a13e19; 2518017; 2541187; -254
Servicing: Seat
V. 12, **Amp.** 55, **B+ / position** Plug, **B+ position in min** 40, **Width of holder arm** 39.70, **Mount. bracket dist.** 40.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 66.00, **Rotation** CR



112728 Alternator

Replacing: 9120144267; -8; -78; 516058; 63321057; -81; -178; a13n104; 7700762458; 2541465
Servicing: Renault
V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 18, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 91.00, **Rotation** CR



112733 Alternator

Replacing: 9120144256; -8; 451078; 516009; -30; -42; -45; 9ar5042; a14n121; a14n51; -6; 7700612755; 7700670878;
Servicing: Renault
V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 103.00, **Rotation** CR

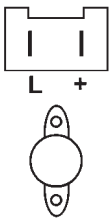



112735 Alternator

Replacing: 0120489367; -8; -444; 9120690291; -8; 2940310; -73; 068903017s; -29r; -31j; 076903023n; bca903015; 0

Servicing: Audi; VW

V. 12, **Amp.** 45, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.30, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 109.50, **Rotation** CR, **Terminal** W



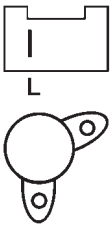


112738 Alternator

Replacing: a13n29; 7701499454

Servicing: Renault; Volvo

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 26, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.50, **Fan** EF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.65, **Rotation** CR





112739 Alternator

Replacing: a13n50; 7700710343; 7701499225; -452

Servicing: Renault

V. 12, **Amp.** 50, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 55.50, **Rotation** ACR

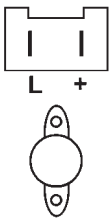



112740 Alternator

Replacing: 12311706056; 12311711203; 12311730257; 0120469757; -9; a14v05; 2541305; 0120469758

Servicing: BMW

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 15.00, **Mount. bracket dist.** 100.50, **Fan** EF, **Grooves in pulley** 2, **Insulator** D, **Pulley** Double Pulley, **Pulley distance** 63.50, **Rotation** CR/ACR





112744 Alternator

Replacing: 9120144295; -6; 516038; a13n120; a13n89; 7700721797; -977; 7700729300; 7700730363; 7700751337; 77014

Servicing: Renault; Volvo

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.00, **Rotation** CR

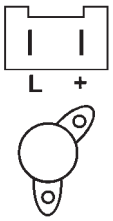



112748 Alternator

Replacing: 12311713449; -50; 12311726602; -3; 0120469777; -9; a14v01; 2541114; 0120469778

Servicing: BMW; Piaggio

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 40, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.00, **Rotation** CR



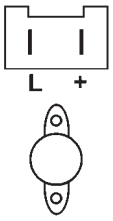


112749 Alternator

Replacing: a14n12; -r45; 7700687564; 7700692744; 7701499259

Servicing: Renault

V. 12, **Amp.** 75, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 27.00, **Mount. bracket dist.** 63.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 47.50, **Rotation** CR



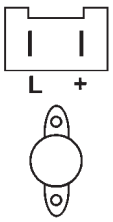


112751 Alternator

Replacing: 3472170; a13n159; 7700796221; 7701351758; 7701499437; 2541119; -468; 5002634; 3472171

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.00, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 45.50, **Rotation** CR





112752 Alternator

Replacing: a13n162; 7700805873; 7701351760; 7701499489; 2541122

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 25, **Width of holder arm** 28.00, **Mount. bracket dist.** 70.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 48.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

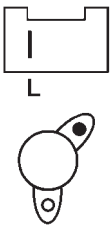



112753 Alternator

Replacing: 0120489295; -7; 1348508; 5003508; -806; a11vi53

Servicing: Volvo

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 71.00, **Fan** EF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 93.83, **Rotation** CR



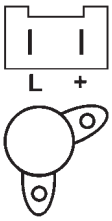


112754 Alternator

Replacing: 95632727; 11.201.679; aak4542; 2541170; a13n130; -76; 2541364; a13n216; 2180675

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 95.00, **Rotation** CR



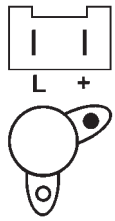


112755 Alternator

Replacing: a14n117; a14n96; 7700780773; 7701499238; 2518086

Servicing: Renault; Eagle

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 26.80, **Mount. bracket dist.** 64.50, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 49.00, **Rotation** CR





112756 Alternator

Replacing: 9120144302; -3; a13n157; 7701499436; 2541117; -257; 5002633

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 55.00, **Rotation** CR




112758 Alternator

Replacing: a14n104; -38; -60; -205; 571518; 2541178; -329; -849; 57158

Servicing: Scania

V. 24, **Amp.** 75, **B+ / position** M8, **B+ position in min** 42, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.30, **Fan** w/o, **Pulley** w/o, **Terminal** W




112762 Alternator

Replacing: 95656486; 96009847; a2t17491; a13n184; -217; 2541188; -365

Servicing: Citroen; Peugeot

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.50, **Fan** EF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 41.50, **Rotation** CR




112763 Alternator

Replacing: 0120488197; -236; -239; -265; 0120489382; -3; 2541221; -439; -645; 036903017h; 036903025; 036903025b

Servicing: VW; Seat

V. 12, **Amp.** 55, **B+ / position** M8, **B+ position in min** 14, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 78.50, **Rotation** CR

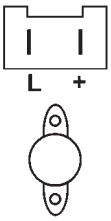



112764 Alternator

Replacing: 12311721667; 0120469878; -9; a14v04; 2541115

Servicing: BMW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 15.80, **Mount. bracket dist.** 80.50, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 60.80, **Rotation** CR





112769 Alternator

Replacing: a13n206; -9; 7700852395; 66021577

Servicing: Renault

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 26.80, **Mount. bracket dist.** 70.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR




112770 Alternator

Replacing: a11vi24

Servicing: Citroen; Peugeot

V. 12, **Amp.** 50, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.50, **Rotation** CR




112772 Alternator

Replacing: a4t03491; a4t03491a; a14vi30; -10

Servicing: Citroen; Peugeot; Fiat; Lancia

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 26.70, **Mount. bracket dist.** 66.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.70, **Rotation** CR




112776 Alternator

Replacing: 2541361

Servicing: Fiat; Citroen

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.50, **Mount. bracket dist.** 65.70, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 55.90, **Rotation** CR




112781 Alternator

Replacing: a13vi26; -48

Servicing: Citroen

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 26.90, **Mount. bracket dist.** 66.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR




112782 Alternator

Replacing: a13vi46; -27; -96

Servicing: Citroen; Peugeot

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 75.00, **Rotation** CR




112783 Alternator

Replacing: a13vi25

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 13, **Width of holder arm** 26.80, **Mount. bracket dist.** 65.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 66.00, **Rotation** CR, **Terminal** W




112787 Alternator

Replacing: a11vi15; 0120335011; a11vi50

Servicing: Peugeot; Fiat; Citroen

V. 12, **Amp.** 50, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.50, **Rotation** CR




112789 Alternator

Replacing: 7700260898; 7701352122; 2541262; a13vi11; 20130217

Servicing: Renault

V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 12, **Width of holder arm** 26.50, **Mount. bracket dist.** 66.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.00, **Rotation** CR, **Terminal** W




112790 Alternator

Replacing: 7700856249; 7700857460; 7701352119; 7701353119; 2541310; -602; a11vi28; a13vi16; -5

Servicing: Renault

V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 45, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 62.00, **Rotation** CR, **Terminal** W

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



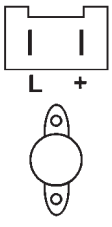

112791 Alternator

Replacing: a13vi23
Servicing: Renault
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 42, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.30, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 49.40, **Rotation** CR, **Terminal** W




112793 Alternator

Replacing: 0123110004; 9612264280; -680; 2541355; -457; -733; -765; a11vi23; -32; -33; -49; -52; -57; -58; 9566
Servicing: Citroen; Peugeot; Fiat; Lancia
V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.00, **Mount. bracket dist.** 72.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR



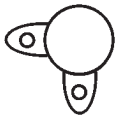

112795 Alternator

Replacing: a14n132; -64; 7700749226; 2541127; -327
Servicing: Renault
V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 60, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.00, **Rotation** CR, **Terminal** W




112800 Alternator

Replacing: 12312244833; -83; -84; 2541321; a13vi18
Servicing: BMW; Mercedes-Benz
V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 32, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 77.50, **Rotation** CR




112802 Alternator

Replacing: 2541412; a13vi39
Servicing: Audi
V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.25, **Mount. bracket dist.** 60.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W



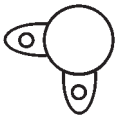

112807 Alternator

Replacing: 12312242248; 2541154
Servicing: BMW
V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 47, **Width of holder arm** 56.00, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 82.00, **Rotation** CR



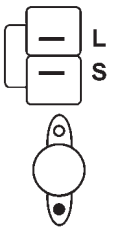

112808 Alternator

Replacing: a13vi21
Servicing: Renault
V. 12, **Amp.** 110, **B+ / position** M6, **B+ position in min** 15, **Width of holder arm** 26.55, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 50.00, **Rotation** CR, **Terminal** W




112809 Alternator

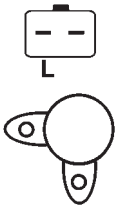
Replacing: 12311738508; a14v17
Servicing: BMW
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 28.00, **Mount. bracket dist.** 76.00, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 68.35, **Rotation** CR





112987 Alternator

Replacing: ab180092; OK29T18300
Servicing: Kia
V. 12, **Amp.** 80, **B+ / position** M6, **B+ position in min** 8, **Width of holder arm** 13.10, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR





113245 Alternator

Replacing: sg12b030; 2542722; SG12B072; -68; -97; -107; -122; lea0457; 23100-00QAP; 2543338; 2542640; 820020625

Servicing: Renault; Opel; Vauxhall; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 13.90, **Mount. bracket dist.** 60.70, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR





113246 Alternator

Replacing: 2542491; sg10b023; 2542429; A13VI283

Servicing: Peugeot; Citroen

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.50, **Rotation** CR

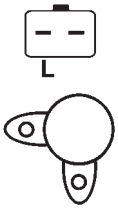



113247 Alternator

Replacing: sg12b040; 2542441

Servicing: Peugeot; Fiat; Citroen

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 27.00, **Mount. bracket dist.** 67.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 52.00, **Rotation** CR



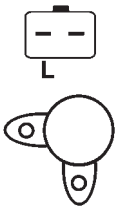


113248 Alternator

Replacing: sg12b038; 2542523; sg12b050; 23100-00QAL; -0B; 4412045; 9112331; 93160829; 93176396; 9512861; 254334

Servicing: Volvo; Renault; Opel; Vauxhall; Nissan

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.75, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 36.00, **Rotation** CR





113249 Alternator

Replacing: sg12b055; 2542573; -2

Servicing: Renault

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.80, **Mount. bracket dist.** 60.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 31.00, **Rotation** CR





113250 Alternator

Replacing: sg7s016; 2542485

Servicing: Peugeot; Citroen

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR





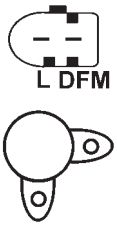
113251 Alternator

Replacing: 2542524; sg15l012; 2542771

Servicing: Mercedes-Benz

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 151.50, **Mount. bracket dist.** 43.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 30.00, **Rotation** ACR

Water-cooled



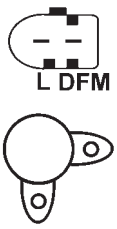


113252 Alternator

Replacing: 2542496; sg14b011; 0124525010; 028903029r; -Q

Servicing: VW; Audi

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 41.10, **Mount. bracket dist.** 60.80, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 32.50, **Rotation** ACR





113253 Alternator

Replacing: 2542578; sg9b048; 03d903025e; -J; 2542746; lea0459; SG8B023; -6; 2542577; -747; 03d903025d; -H; 1138

Servicing: VW; Seat; Skoda

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 13.85, **Mount. bracket dist.** 60.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.40, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





113283 Alternator

Replacing: 0124515034; -24; -27; 2542295; 06b903016f; sg12b018

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 13.90, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 34.25, **Rotation** CR



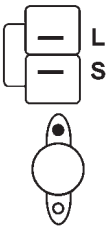


113302 Alternator

Replacing: sg12b060; 0124515056; -132

Servicing: Mercedes-Benz

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.00, **Rotation** CR



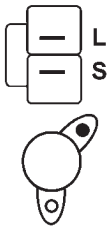


113317 Alternator

Replacing: a2tb3191; lr180-762; -8; 52810-31000; A0002655221; LR180-762B; 113437

Servicing: Nissan

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 52, **Width of holder arm** 13.00, **Mount. bracket dist.** 80.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.20, **Rotation** CR





113330 Alternator

Replacing: af175363; 37300-42451; -2; -4; -5; -6; -9

Servicing: Hyundai; Kia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.10, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR





113343 Alternator

Replacing: ad165439; -206; -40; -54; 37300-42502; -620; -621; 37300-47450; ad165471; 37300-47451

Servicing: Hyundai

V. 12, **Amp.** 65, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.70, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 44.50, **Rotation** CR

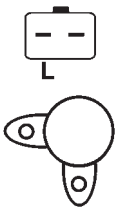



113382 Alternator

Replacing: 873633; A13N285M; a13n285

Servicing: Volvo Penta

V. 12, **Amp.** 60, **B+ / position** M6, **B+ position in min** 47, **Width of holder arm** 50.70, **Fan** EF, **Pulley** w/o, **Rotation** CR, **Terminal** W




113403 Alternator

Replacing: a11vi110; 2542464; a1ta2293; -1; SG7S012; 2542540

Servicing: Renault; Nissan

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 27.00, **Mount. bracket dist.** 66.60, **Fan** IF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 53.50, **Rotation** CR





113404 Alternator

Replacing: a13vi246; -79; 2542307; a13vi256; 2542344; 113258; 9637075380; 2542525; 9641727480; a13vi288; 254239

Servicing: Peugeot; Citroen

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 56.30, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 75.00, **Rotation** CR





113405 Alternator

Replacing: a11vi99; a11vi106; 63321733; 2542285; a5ta6291; a5ta6291a; -B; SG7S015; A1TA3391A; A1TA3391; A1TA339

Servicing: Peugeot; Citroen

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 21.70, **Mount. bracket dist.** 45.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.



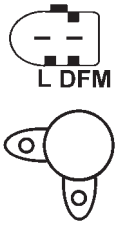


113406 Alternator

Replacing: a13vi241; 028903029m

Servicing: VW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 6, **Width of holder arm** 13.70, **Mount. bracket dist.** 60.75, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.00, **Rotation** CR, **Terminal** W





113407 Alternator

Replacing: 12317788222; a14vi46; -34; -5; -7; 2542538; -605; -852; lea0455

Servicing: BMW

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 27.90, **Mount. bracket dist.** 75.10, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 61.00, **Rotation** CR

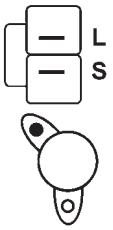



113438 Alternator

Replacing: 2541455; -75; a13vi51; -88; lea0216; 96076412; 96122561; -643; -648; 5705t6

Servicing: Citroen; Peugeot; Fiat

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 27.20, **Mount. bracket dist.** 69.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR





113439 Alternator

Replacing: a2tb0491a; a2tb3891; 23100-bu500; LR190-747; 23100-6J111; A2TB3891KD; 23100-9F511; 23100-4M611; 2541

Servicing: Nissan

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 25.00, **Mount. bracket dist.** 81.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.30, **Rotation** CR




113477 Alternator

Replacing: 11.201.746; a14n47m; 11.201.939; AAK1383; aak3334; 181991

Servicing: Volvo; Volvo Bm; Volvo Penta; Daf

V. 24, **Amp.** 55, **B+ / position** M6, **B+ position in min** 5, **Width of holder arm** 50.80, **Fan** EF, **Grooves in pulley** Single, **Insulator** D, **Pulley** Pulley, **Pulley distance** 72.50, **Rotation** CR, **Terminal** W

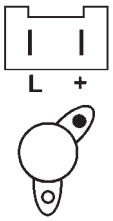



113485 Alternator

Replacing: 0123310010; a2ta1994; a13vi230; -60; a13vi95; 11.203.054; aak5329

Servicing: Citroen; Peugeot; Fiat; Lancia; Suzuki

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.00, **Rotation** CR



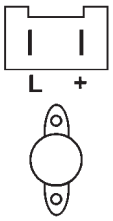


113487 Alternator

Replacing: 11.201.906; 7700805158; a13n204; 2541259; aak3125

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.70, **Fan** EF, **Grooves in pulley** 3, **Pulley** Serpentine Pulley, **Pulley distance** 53.00, **Rotation** CR, **Terminal** W





113500 Alternator

Replacing: 7701351759; 7701499438; aak3595; 11.201.536; a13n163; -4; 7700784979; 2541124

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 55, **Width of holder arm** 27.00, **Mount. bracket dist.** 65.60, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.50, **Rotation** CR, **Terminal** W





113510 Alternator

Replacing: 0124525008; sg14b012; 078903016; 078903016ca; SG14B013; 2542497; -587; 0124525087; 0124615007; 07890

Servicing: Audi; VW; Skoda

V. 12, **Amp.** 140, **B+ / position** M8, **B+ position in min** 22, **Width of holder arm** 14.10, **Mount. bracket dist.** 81.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 33.00, **Rotation** CR

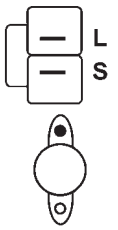
Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.





113517 Alternator

Replacing: AB195141; 37300-38700; -10
Servicing: Hyundai
V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 13.00, **Mount. bracket dist.** 66.50, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.25, **Rotation** CR





113518 Alternator

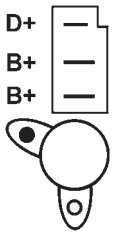
Replacing: ab160108; 37300-02503
Servicing: Hyundai
V. 12, **Amp.** 60, **B+ / position** M8, **B+ position in min** 15, **Width of holder arm** 13.10, **Mount. bracket dist.** 48.30, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.00, **Rotation** CR





113519 Alternator

Replacing: 37300-42870; -542; af175207; -362; af190216; AF175385; 37300-47500; -1; -3; N370-18-300; N370-18-300
Servicing: Hyundai
V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 20, **Width of holder arm** 13.00, **Mount. bracket dist.** 54.90, **Fan** IF, **Grooves in pulley** 2, **Pulley** Double Pulley, **Pulley distance** 42.00, **Rotation** CR





113574 Alternator

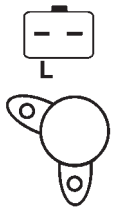
Replacing: 23680; 9ar2919p; 24049; 3477851R91; 3538541M91; na066; 11.201.276; aak4118; 0120489958; -9; 81db1030
Servicing: Case; New Holland; Valmet
V. 12, **Amp.** 65, **B+ / position** Plug, **B+ position in min** 24, **Width of holder arm** 10.40, **Mount. bracket dist.** 90.60, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 36.85, **Rotation** CR, **Terminal** W





113575 Alternator

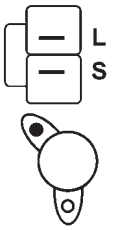
Replacing: a13vi236; 2542286; 11.203.709; AAK5740; 9633782680; 2542396; a5ta6391a; 9638275980; A5TA6391C; 96382
Servicing: Citroen; Peugeot; Fiat
V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.60, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR





113577 Alternator

Replacing: a11vi98; a11vi111; SG7S028; 2542480; 7711134216; 2542252; 7700427880; 8200060488; 8253534
Servicing: Renault
V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 27.00, **Mount. bracket dist.** 64.70, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 46.15, **Rotation** CR





113600 Alternator

Replacing: TA000A48401; -2; 6678205; 6675292; 6687205
Servicing: Bobcat
V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 13.00, **Mount. bracket dist.** 57.70, **Fan** IF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 37.50, **Rotation** CR




113603 Alternator

Replacing: a13vi203; sg8b020; 2541970; 2542486; a2tb4791; a2tb4791a; -b; 71716608; 9623727280; 9642880380; 9623
Servicing: Peugeot; Citroen; Fiat
V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** Single, **Width of holder arm** 22.00, **Mount. bracket dist.** 46.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR




113604 Alternator

Replacing: 9618961480; -680; a2ta2091; a2ta2091d; -e; -f; 9631318280; 2541784; 2542256; -356; a13vi101; -233; -
Servicing: Citroen; Peugeot; Fiat; Lancia
V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 92.70, **Rotation** CR




113633 Alternator

Replacing: a000b0341

Servicing: Various

V. 12, **Amp.** 55, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.40, **Fan** EF, **Grooves in pulley** Single, **Pulley** Pulley, **Pulley distance** 56.00, **Rotation** ACR



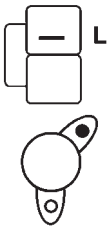


113640 Alternator

Replacing: 0124525035; a14vi48; SG15S024; TG15C020; -8; 96460654; 96463218; 9646065480; 2542693A; tc15c020

Servicing: Peugeot; Citroen; Fiat; Lancia

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 2, **Width of holder arm** 21.20, **Mount. bracket dist.** 45.80, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 42.00, **Rotation** CR



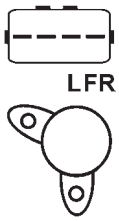


113652 Alternator

Replacing: AB195116; 37300-37405; -200; 4863; 37300-37110; a0002655516; a000265516; 2655516

Servicing: Hyundai; Kia

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 23.15, **Mount. bracket dist.** 44.40, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.30, **Rotation** CR



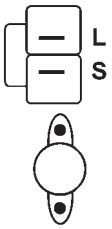


113653 Alternator

Replacing: a0002655485; 37300-39405; A0002655011; 37300-39400

Servicing: Hyundai; Kia

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 58, **Width of holder arm** 17.35, **Mount. bracket dist.** 48.20, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.15, **Rotation** CR



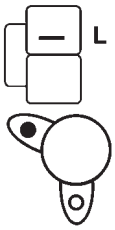


113656 Alternator

Replacing: ab180140; 4860; OK30D18300; lea0405

Servicing: Kia

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 2, **Width of holder arm** 13.20, **Mount. bracket dist.** 66.90, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR





113657 Alternator

Replacing: AB190147; 37300-23600; 37300-22650

Servicing: Hyundai; Kia

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 46, **Width of holder arm** 13.10, **Mount. bracket dist.** 55.20, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 34.60, **Rotation** CR




113720 Alternator

Replacing: TG8S012; -3; 2542841; 13117278; 2542850; 6204180; 51718499; 31400-85E00; 2542883; TG8S016; lea0475

Servicing: Fiat; Opel; Suzuki; Vauxhall; Lancia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 64.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 41.50, **Rotation** CR




113721 Alternator

Replacing: tg8s010; 2542671; 46823546

Servicing: Fiat; Lancia

V. 12, **Amp.** 75, **B+ / position** M8, **B+ position in min** 13, **Width of holder arm** 64.40, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR




113722 Alternator

Replacing: TG9S015; 13117279; 2542670; -851; -861; -884; TG9S010; -21; -22; 46823547; 55185076; 6204181; 31400-

Servicing: Fiat; Lancia; Opel; Suzuki; Vauxhall

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 14, **Width of holder arm** 64.15, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 40.20, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

113748 Alternator

Replacing: SG10S028; -34; -36; -44; 2650135; SG12S034; 2542542; -690; 2650014; 22611790; 22683070

Servicing: Chevrolet; Pontiac; Saturn

V. 12, **Amp.** 105, **Grooves in pulley** 5, **Pulley** Serpentine Pulley

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113751 Alternator

Replacing: 0124515040; 06C903016; 06C903016A; 0124515028; sg12b011; -25; -54; 2542233; -324; -546; 059903015F

Servicing: VW; Audi

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 30.00, **Rotation** CR





113755 Alternator

Replacing: 0124525034; 104210-3240; -170; 104210-4270; a14vi40; TG15C022; 2542472; -704; -925; 9640623580; 9640

Servicing: Citroen; Peugeot; Lancia; Fiat; Suzuki; Renault

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 21.10, **Mount. bracket dist.** 45.10, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR



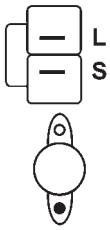


113789 Alternator

Replacing: 7700803325; AAK4588; ai3n199; -230; -235; na408; -349; 2541460; 11201768; 7700820449; 7701352045; -7

Servicing: Renault

V. 12, **Amp.** 70, **B+ / position** M6, **B+ position in min** 10, **Width of holder arm** 27.04, **Mount. bracket dist.** 68.44, **Fan** EF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 46.75, **Rotation** CR, **Terminal** W



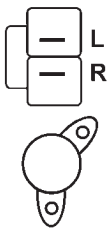


113790 Alternator

Replacing: AB190110; -1; OK9B018300; OK9B218300; OK9B118300; OK9B318300; OK9A118300; OK9A418300

Servicing: Kia

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 3, **Width of holder arm** 13.15, **Mount. bracket dist.** 66.70, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 37.50, **Rotation** CR



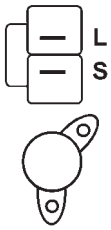


113791 Alternator

Replacing: 37300-02551; TA000A55601; 2655517; 37300-02550

Servicing: Hyundai; Kia

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 13.00, **Mount. bracket dist.** 48.00, **Fan** IF, **Grooves in pulley** 4, **Pulley** Serpentine Pulley, **Pulley distance** 38.50, **Rotation** CR





113792 Alternator

Replacing: AF111382; -93; TA000A62401; 37300-4A001; -0; -2; -3; -110; -111; -112; -113; TA000A48201

Servicing: Kia; Hyundai

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 20, **Width of holder arm** 16.00, **Mount. bracket dist.** 55.00, **Fan** IF, **Grooves in pulley** 7, **Pulley** Free-wheeling, **Pulley distance** 43.00, **Rotation** CR

113798 Alternator

Replacing: 0124515016; TG13S022; 2653015

Servicing: Saturn

V. 12, **Amp.** 120, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley

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113799 Alternator

Replacing: 0124515008; 21019217; 0124515043; SG12S114; 2653014

Servicing: Saturn

V. 12, **Amp.** 120, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley

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113800 Alternator

Replacing: sg12s070; -2; -84; 2542635; 2650015; 26500133

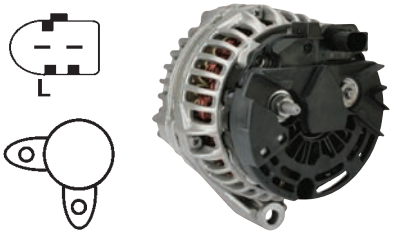
Servicing: Saturn

V. 12, **Amp.** 125, **Fan** IF, **Grooves in pulley** 6, **Pulley** Pulley

113801 Alternator

Replacing: tg13s021; 2650398

V. 12, **Amp.** 125, **Fan** IF, **Grooves in pulley** 6, **Pulley** Pulley



113835 Alternator

Replacing: 0124515055; -131; sg12b024; 2542320; 0111542702; A0111542702; 0111542602; a0111542602

Servicing: Mercedes-Benz

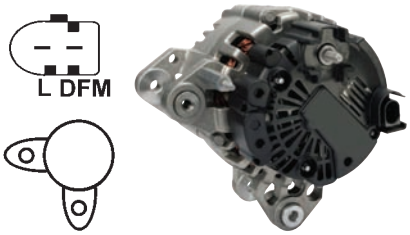
V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 10, **Width of holder arm** 56.05, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 82.40, **Rotation** CR

113839 Alternator

Replacing: 2541174; -446; -478; -491; 9031147; -312; a13n138; -79; -233; -238; -242; 0120489490; 3417316; 01204

Servicing: Volvo

V. 12, **Amp.** 70, **B+ / position** M6, **Mount. bracket dist.** 67.00, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 55.00, **Rotation** CR, **Terminal** W

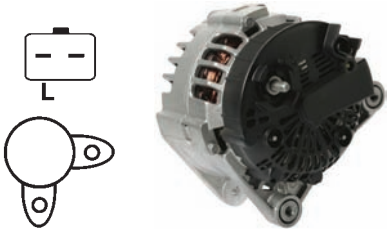


113861 Alternator

Replacing: TG11C048; 2543291; 03c903023g

Servicing: VW

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.30, **Mount. bracket dist.** 60.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.20, **Rotation** CR

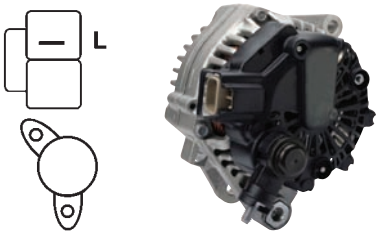


113862 Alternator

Replacing: SG12B105; -089; 2542946; 8200537415; 8200385098

Servicing: Renault; Dacia; Nissan

V. 12, **Amp.** 125, **B+ / position** M8, **B+ position in min** 48, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 38.35, **Rotation** CR

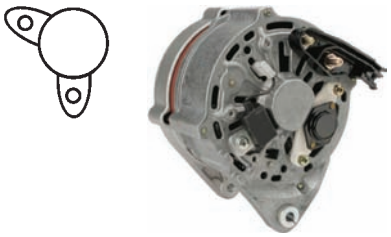


113863 Alternator

Replacing: a0002655103; 2655103; 37300-2a010

Servicing: Hyundai; Kia

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 36, **Width of holder arm** 13.20, **Mount. bracket dist.** 51.00, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 32.50, **Rotation** CR

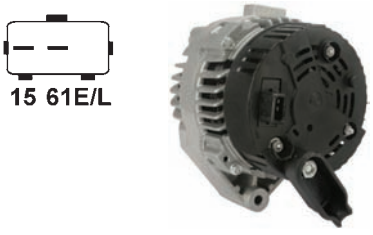


113864 Alternator

Replacing: 0120469913; -4; -8; -9; na473; a13vi61; 2541620; 12311727576; 12311721921; 943356504; mar941

Servicing: BMW

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 8, **Width of holder arm** 16.00, **Mount. bracket dist.** 79.85, **Fan** w/o, **Pulley** w/o, **Rotation** CR



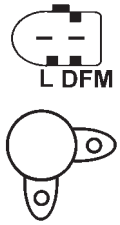
113868 Alternator

Replacing: a13vi97; 2541770; 12312245576; -654

Servicing: BMW

V. 12, **Amp.** 95, **B+ / position** M8, **B+ position in min** 32, **Width of holder arm** 56.0, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley, **Pulley distance** 77.5, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



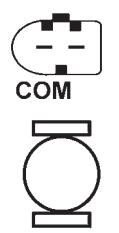


113870 Alternator

Replacing: 0124315007; sg8b017; 2542279; 037903025g; -n

Servicing: Seat; VW; Skoda

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 60, **Width of holder arm** 14.00, **Mount. bracket dist.** 60.95, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 38.80, **Rotation** CR



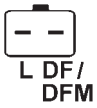


113871 Alternator

Replacing: 0124325062; -72; 0124525045; -2; -59; SG9B050; SG14B017; 2542608; -753; 12317512151; 12317516098; -1

Servicing: Porsche; BMW

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 5, **Width of holder arm** 62.85, **Mount. bracket dist.** 41.65, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 29.60, **Rotation** CR

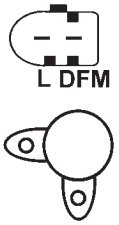


113872 Alternator

Replacing: a5ta6392; 9649611780; SG8B022; SG9B064; -7; 2542428; 9638543680; a13vi282; 2542923; 9656956280; tg9b

Servicing: Peugeot; Citroen

V. 12, **Amp.** 80, **B+ / position** M8, **B+ position in min** 19, **Width of holder arm** 22.00, **Mount. bracket dist.** 45.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 42.00, **Rotation** CR, **Terminal** As Cargo 230594 but w/ 10-32 hex nut for easier installation. Connecting field coil to solenoid.



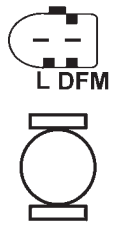


113874 Alternator

Replacing: 0124325056; -81; -127; TG11C014; 2542696; 036903024D; -H; -J

Servicing: Skoda; VW

V. 12, **Amp.** 110, **B+ / position** M8, **B+ position in min** 43, **Width of holder arm** 14.15, **Mount. bracket dist.** 61.15, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.30, **Rotation** CR





113878 Alternator

Replacing: 0124515059; sg12b047; -75; 2542738; -509; 06b903016p; 06B903016AE; 06B903016S

Servicing: Audi; BMW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 50, **Width of holder arm** 70.00, **Mount. bracket dist.** 56.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 28.00, **Rotation** CR

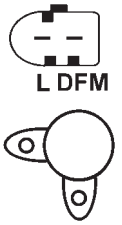



113879 Alternator

Replacing: 0124225004; -23; 0124415005; SG7S020; 1204134; 6204077; 90561167; 9117932; 24463064

Servicing: Opel; Vauxhall

V. 12, **Amp.** 70, **B+ / position** M8, **B+ position in min** 27, **Width of holder arm** 33.50, **Mount. bracket dist.** 57.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 50.50, **Rotation** CR



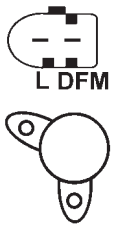


113881 Alternator

Replacing: tg15c012; -38; 2542672; -852; 12317789980; YLE500170

Servicing: Land Rover; BMW

V. 12, **Amp.** 150, **B+ / position** M8, **B+ position in min** 55, **Width of holder arm** 27.95, **Mount. bracket dist.** 76.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 60.65, **Rotation** CR





113882 Alternator

Replacing: sg12b010; -74; 2542680; -232; 2574347; 06B903016AD; 06b903016e

Servicing: Audi; VW

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 25, **Width of holder arm** 14.00, **Mount. bracket dist.** 82.60, **Fan** IF, **Grooves in pulley** 5, **Pulley** Serpentine Pulley/ Free Wheel, **Pulley distance** 34.40, **Rotation** CR





113883 Alternator

Replacing: TG9C013; 2542736; 2S6T10300FA; 3S5T10300AA; 1229424; 1145715

Servicing: Ford

V. 12, **Amp.** 90, **B+ / position** M6, **B+ position in min** 14, **Width of holder arm** 54.87, **Mount. bracket dist.** 74.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 39.58, **Rotation** CR







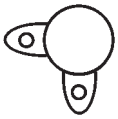
113887 Alternator

Replacing: 0124325011; sg9b018; 037903025f; SG9B055; 0124325074; 037903026C; 045903026C; 030903023M; -9a; 25422

Servicing: Audi

V. 12, **Amp.** 90, **B+ / position** M8, **B+ position in min** 45, **Width of holder arm** 14.00, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 43.00, **Rotation** CR





113896 Alternator

Replacing: TG17C010; -48; 2542611; 12317792072

Servicing: BMW

V. 12, **Amp.** 170, **B+ / position** M8, **B+ position in min** 52, **Width of holder arm** 27.90, **Mount. bracket dist.** 75.90, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 60.50, **Rotation** CR





113709 Alternator

Replacing: 1s7t10300bc; -db; 1131820; 1140696; 1151212; 1211891; 1s7t10300dc; 1120211; 1124015; 20-150-01006; 1

Servicing: Ford

V. 12, **Amp.** 115, **B+ / position** M6, **B+ position in min** 19, **Width of holder arm** 55.00, **Mount. bracket dist.** 86.50, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 41.00, **Rotation** CR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110149 Starter

Replacing: 9000692069; FE50-18-400E; mc109039; m3t24481; -2; m3t24482a; m3t24483; -5; -6; m3t24486a; m3t24487;

Servicing: Mazda; Mercury

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 198.00, **No. of mount. holes** 3 (2), **A.** 74.00, **B.** 15.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110205 Starter

Replacing: im380; -641; 0001411008; -12; 0001417041; 9000084019; -24; 2311210; 19024075; 08280; 81460046; 46593

Servicing: Volvo

V. 24, **kW.** 6.5, **B+ / B-** M12, **L.** 403.50, **No. of mount. holes** 3 (0), **A.** 90.50, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110206 Starter

Replacing: 002/511; -601; -608; -611; -702; -801; -808; -809; -901; -904; -906; -909; im310; -502; -523; 000141

Servicing: Mercedes-Benz; Ford; Man; Neoplan; Kässbohrer; Claas; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 92.25, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110207 Starter

Replacing: im16; im326; -505; 0001402057; 0001410046; 0001414019; 0001415013; 0001416005; -7; 1327a600; -1; 299

Servicing: Volvo; Volvo Bm

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 386.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110208 Starter

Replacing: im325; -50; -508; -509; -521; 0001402053; 0001410044; 0001411016; 0001414008; 0001415004; -16; 00014

Servicing: Mercedes-Benz; Steyr; Volvo; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110209 Starter

Replacing: im327; -543; 0001410067; 0001416043; 9000084008; 2998009; 11206; 22622; 6230000; R23.23; 0001410060;

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 387.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110210 Starter

Replacing: 001/504; -6; -7; -706; -905; -911; im360; -510; -601; -801; 0001410024; 0001411009; 0001417001; -51;

Servicing: Mercedes-Benz; Man; Neoplan; Kässbohrer; Ssangyong; Fiat-Allis; Mitsubishi

V. 24, **kW.** 6.0, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 91.75, **B.** 48.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110211 Starter

Replacing: im371; -647; 0001410005; 0001411013; 0001417047; 19024079; 0150000; R22.15; 571461; 349579; 860544;

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110212 Starter

Replacing: im312; -61; -548; -607; -645; 0001410098; -115; 0001411005; 0001415014; -5; 0001416048; 0001417045;

Servicing: Iveco; Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.65, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110213 Starter

Replacing: im316; -62; -605; 0001410065; 0001411025; 0001417005; -73; 19024053; r22.07; 4732242; 4782803; 81467

Servicing: Iveco; Citroen; Fiat

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 403.60, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 20.80, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110214 Starter

Replacing: im330; -643; 0001410037; 0001415008; 0001417043; 0001501020; -9; -33; -35; 2998006; 19024077; r20.28

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 37.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110279 Starter

Replacing: 0001112018; s114-315; -6; -64; -402; -568; m2t23181; m2t27781; m2t37081; m3t27781; m3t27781d; m3t370

Servicing: Vw; Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 227.50, 70.00, **B.** 40.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110283 Starter

Replacing: m1t11172; -3; -4; m3t10071; mea01-0; mea01-2ar; m3t11172; -4; 9005928-4; 9005958-01; -24; 0222-18-40

Servicing: Mazda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 187.50, **No. of mount. holes** 2 (0), **A.** 75.80, **B.** 19.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110336 Starter

Replacing: 0001208219; -513; -521; -706; -715; -718; 0001211049; -206; -228; -513; -533; -989; b001111025; 1539

Servicing: Ford; Mercury; Triumph

V. 12, **kW.** 0.75, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110337 Starter

Replacing: 0001208172; -223; -232; -409; -423; 9000333115; -6; 81ab11000ba; -ca; v84fb11000aa; -ba; 25397

Servicing: Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 235.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 13.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110339 Starter

Replacing: 0001211213; -4; -6; -7; -30; -31; -33; -34; -35; -36; -38; -502; -503; -510; -511; -527; -528; 90006

Servicing: Audi; Vw

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 228.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 14.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140018.



110340 Starter

Replacing: 0001211204; -5; -9; -10; -18; -19; -20; -47; -48; -59; 5133270; m3t80071; 63221304; -34; -437; d9e11

Servicing: Audi; Vw

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 229.90, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140018.



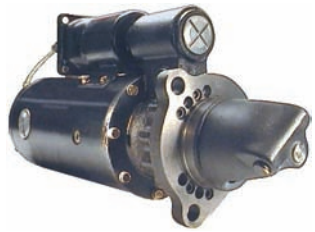
110341 Starter

Replacing: 0001208038; -9; -53; -54; -202; -229; 1202008; -21; -34; -35; -49; -100; -101; -951; -957; d9e124; 9

Servicing: Opel; Vauxhall; Bedford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 260.00, **No. of mount. holes** 2 (0), **A.** 77.85, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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110347 Starter

Replacing: 0001420002; -6; -8; -10; -11; 0r5213; 3l8205; 3t2780; -5; -7; 3t3778; 3t8947; -9; -54; -67; 4n0959;

Servicing: Fiat-Allis; Caterpillar; Iveco; Clark

V. 24, **kW.** 7.5, **B+ / B-** M12, **L.** 522.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 50MT. Oil sealed.



110351 Starter

Replacing: 0001108099; b001111273; 11.130.505; -93; aze2512; azf3555; 2103-12vip54; 2108-3708010; -9; 293708; 4

Servicing: Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 245.00, , **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 34.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** DD
Bushing D.E. (clutch house): cargo 140043



110352 Starter

Replacing: 0001208218; 19024839; 803000.2; e100l-1.5/12; r100.03; r100.3; mtd12-14; 4474746; -7; -50; 2100-3708

Servicing: Fiat; Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (3), **A.** 82.35, **B.** 21.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



110363 Starter

Replacing: 0001211012; -3; -4; -992; -993; -997; -998; 9000042021; -7; -34; 9000082009; 9007042024; r007042024;

Servicing: Vw; Porsche; Bmw

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD
Bushing D.E. (clutch house): Cargo 140008.



110364 Starter

Replacing: 0001155009; -10; -16; -17; 0001157001; -2; -3; -4; -9; -10; -12; -13; -25; -29; 163; -71; 3471143; -

Servicing: Opel; Vauxhall

V. 12, **kW.** 0.65, **B+ / B-** M8, **L.** 229.50, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110365 Starter

Replacing: 9000141101; -7; e80c; r80.02; mta12-39; mts12-29; -39; -42; -48; 4229113; -4; 4401806; 46231504; 597

Servicing: Fiat; Lancia; Seat; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 3 (3), **A.** 62.00, **B.** 12.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD
Bushing D.E. (clutch house): Cargo 140008.



110367 Starter

Replacing: 9000141100; -3; -11; -12; 532002; -10; -17; 6128; -72; -87; -227; 6231a; -b; -c; -d; mta12-14; -9; m

Servicing: Renault; Volvo; Daf; Dacia

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110368 Starter

Replacing: 0001362001; -2; -29; -30; -47; -600; 9000143406; -8; 19024239; -49; 11.130.300; -99; -885; azj3107;

Servicing: Mercedes-Benz; Seat; Audi; Volvo

V. 12, **kW.** 2.3, **B+ / B-** M10, **L.** 289.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 18.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110394 Starter

Replacing: 0001112032; 9000333121; m1t72481; m1t72481zc; m1t72483; m1t72483zc; m1t74581; m3t34781; -2; m3t38981

Servicing: Suzuki; Geo; Chevrolet

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (0), **A.** 65.85, **B.** 4.35, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110409 Starter

Replacing: im34/4; 0001401005; -36; -37; -44; -45; 0001413003; 0001418002; bng4/12; 19024001; -563; 0001400006;

Servicing: Ford; Mack; Sennebogen; Kaelble

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110410 Starter

Replacing: 0001211223; -4; -55; -56; 9000692015; r80.03; r80g; 11.130.334; azf3527; 25349; -50; -51; 26604; -6;

Servicing: Vw; Austin; Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 34.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110439 Starter

Replacing: 0001362008; 9000143400; 6127; -232; s12-85; -7; 10.130.141; 11.130.074; -194; -408; -711; azj0404; a

Servicing: Massey Ferguson; Buhrer; Compair; Eicher

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 309.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110443 Starter

Replacing: s12-84; 26148; -96; -283; -375; -418; -422; 26925194d; 27417; -35; -67; -72; -78; -86; nsb503; 1873a

Servicing: Rover; Massey Ferguson; Balkancar; Dronningborg; Matbro

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110454 Starter

Replacing: 0001359082; -110; 0001367055; 859536; 1320183; -830; 1320d183; 1320f183; 1320g183; 1320h183; 1327060

Servicing: Ford

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 371.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Oil sealed.



110460 Starter

Replacing: 26295; -358; 27519; -37; -59; 26358r; 2873002; 2873b053; -7; 0001359126; 26408; 26408a; -d; -e; 2629

Servicing: Seddon Atkinson; Massey Ferguson; Dronningborg; Atlas Copco; Jcb

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 307.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110461 Starter

Replacing: 0001358200; -1; -2; 0001362307; 715f11000ma; 11.130.769; azj3279; 26355; -6; -88; -407; 27501; -31;

Servicing: Lancer Boss; Ford

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 272.00, , **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 12, 13, **Rotation** CR, **Drive type** Steel, **Gear** DD

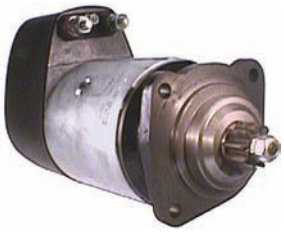


110462 Starter

Replacing: 0001362067; 538501; 71yb11000aa; 11.130.579; -624; azj3182; -98; 26137; -47; -211; -213; -291; -316;

Servicing: Ford; New Holland; Buhrer; Matbro

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 319.45, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110517 Starter

Replacing: 0001363101; -11; 19024242; 12080; 4691200; 4706931; 4744841; 4752403; 4807377; 6706931; 77050561; 77

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 3.2, **B+ / B-** M10, **L.** 295.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110518 Starter

Replacing: 0001360063; 0001368020; 859542; 2998201; 19024232; -56; 11430; 42498212; 4706008; 4716026; -62; 4737

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110519 Starter

Replacing: 0001359071; 0001367030; 19024229; 22626; 4713805; 11.130.862; azj3299; 4737758; 4755112; 63216802; -

Servicing: Volvo; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110520 Starter

Replacing: 0001360007; -27; 0001368021; 19024201; 10450; r10.05; r10ta; 4706720; 4737757; 4755113; 77065560; 77

Servicing: Fiat-Allis; Cummins

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110521 Starter

Replacing: 0001360015; -43; 0001368019; 19024231; 11380; -930; 4172004; 4187587; 4231018; 4232191; 4269114; 468

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 111.00, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110522 Starter

Replacing: 0001359122; 0001367029; 19024202; -53; 11420; 14650; r11.03; r11c; 4737759; 4807376; 11.130.366; -69

Servicing: Fiat; Fiat-Allis; New Holland; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110523 Starter

Replacing: 0001360012; -4; -35; 0001368001; -7; 859539; 19024226; -34; -813; 11580; r10.08; 11.130.075; -141; -

Servicing: Iveco; Case; Abg; Ahlmann; Payloader; Compair; Khd

V. 24, **kW.** 4.8, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110524 Starter

Replacing: 0001360022; -34; -37; -52; -65; 0001368022; -4; -55; -62; -300; -307; -309; 9000083065; 9000143601;

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110525 Starter

Replacing: 0001359043; -84; 0001367034; -59; -300; -301; -303; 9000083028; -54; 9007044002; 2998000; 19024205;

Servicing: Mercedes-Benz; Claas

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110527 Starter

Replacing: 0001360010; -7; -38; -39; -57; 0001368002; -10; -301; 859535; 1321780; 1321f780; -904; 2996101; 2998

Servicing: Scania; Steyr

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110529 Starter

Replacing: 0001359021; -102; 0001367023; -8; 2998200; 19024230; 11370; r11.07; r11w; 4172113; 4699705; 4702248;

Servicing: Fiat; Fiat-Allis; Agrifull; Benfra; Iveco

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110530 Starter

Replacing: 0001354014; -90; 0001358003; -6; -20; -51; 0001359004; -108; 0001362022; -35; 0001367013; 19024238;

Servicing: Lamborghini; Same; Huerlimann

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 22.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110531 Starter

Replacing: im340; -1; -540; -617; -636; 0001410001; -15; -16; -41; 0001417036; 2998007; 19024071; 10610; 001151

Servicing: Mercedes-Benz; Khd; Fiat-Allis; Gmeinder

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 0 (0), **A.** 76.50, **B.** 43.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110532 Starter

Replacing: im381; -2; -606; 0001411017; -26; 0001417006; -74; 19024054; 06860; r20.24; r20w; 4179626; 4732241;

Servicing: Iveco; Citroen

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110533 Starter

Replacing: im323; -503; 0001410062; 0001415011; 0001416003; 19024011; 5000804191; 10650; 22603; R23.09; 51.2620

Servicing: Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110534 Starter

Replacing: im324; -530; 0001410053; -63; -99; 0001416030; 19024030; r23.18; 8122161; 0001410109; 0001416035; 10

Servicing: Fiat; Iveco; Ford

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 387.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110535 Starter

Replacing: im328; -536; 0001410111; 0001416036; 19024035; 81466036; 22620; 6210000; R23.21; 860655; C9JF11350A;

Servicing: Iveco

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110536 Starter

Replacing: 0001358027; -46; -49; -73; -305; 0001359012; -27; -46; -49; -73; -78; 0001362016; -34; -91; -305; -3

Servicing: Iveco; Mercedes-Benz; Khd; Fendt; Deutz-fahr; Claas; Bomag; Abg; Case; Irmer; Kramer; Sennebogen; At

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 287.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110537 Starter

Replacing: 012/810; im34; im34/1; -3; im401; -12; 0001401011; -7; -25; -34; -35; -49; -50; -56; -66; 0001413001

Servicing: Volvo Bm

V. 12, **kW.** 3.6, **B-** M10, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110538 Starter

Replacing: im409; 0001401023; -60; 0001418009; bng4/12cr238; 19024005; 860542

Servicing: Volvo Penta

V. 12, **kW.** 3.6, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110539 Starter

Replacing: im414; 0001413017; 0001418014; 19024008; 22806

Servicing: Claas; New Holland; Mercedes-Benz

V. 12, **kW.** 3.6, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110545 Starter

Replacing: 0001359047; -124; 0001367032; r11.01; -6; -10; r11a; -f; -n; 11.130.179; -376; -414; azj3119; -234;

Servicing: Zetor; Valmet; Chang Feng (liebao); Balkancar; Dronningborg; Sampo-rosenlew; Ursus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 335.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

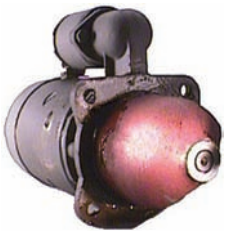


110550 Starter

Replacing: im40; im40/1; 0001402040; r10.03; -6; -7; r10b; -g; -u; 443115174642; 9174642

Servicing: Mercedes-Benz; Man; Neoplan; Steyr; Kässbohrer; Ssangyong; Volvo; Ikarus; Kaelble-gmeinder; Zts Tees

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 378.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110551 Starter

Replacing: 0001359048; 19024815; r11.02; r11b; 11.130.821; 443115144742; 9144742; 7701013039; 0001359001; -53;

Servicing: Zetor; Ursus; Same; Lamborghini

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 326.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110552 Starter

Replacing: 0001107078; s114-381; 185086610; 185-2166; 112293

Servicing: Ford; John Deere; Volvo Penta; Jcb

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110565 Starter

Replacing: 19024817; 538502; -5; s12-73; s13-73; s13-73b; s13-74; 11.130.076; -200; -373; -386; -411; -419; -50

Servicing: Massey Ferguson; Eicher

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 313.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110582 Starter

Replacing: im511; 0001410106; 0001415017; 0001416011; -52; 19024018; -46; 22608; 4784745; -7; 42498148; 10825;

Servicing: Iveco; Citroen

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110584 Starter

Replacing: 0001112007; -19; -29; -41; 91536242; 95624960; 95667752; -3; 96028857; 9605219380; 9608719280; 53405

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (1), **A.** 65.70, **B.** -7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110585 Starter

Replacing: 0001208515; -7; -26; -28; -717; 9000333117; 534029; -31; -42; -43; -57; 11.130.208; -346; -582; -790

Servicing: Renault; Volvo

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.15, **No. of mount. holes** 4 (4), **A.** 66.00, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

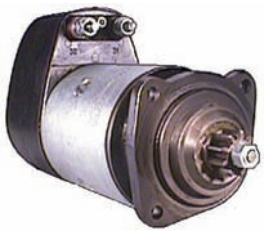


110587 Starter

Replacing: 0001208516; -707; 9150747780; -880; 9150864480; -580; 95508644; 95607229; 534039; 8293; -4; 11.130.2

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 3 (3), **A.** 66.05, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



110600 Starter

Replacing: im520; 0001402038; 0001410058; -91; 0001414007; 0001416020; -55; bng4/24cr301; 19024023; 10655; im30

Servicing: Ikarus

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 90.15, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110615 Starter

Replacing: 11.130.526; azj3151; 26294; -357; 26357r; 26925316a; 27518; -20; -24; -70; -85; -88; -92; -96; nsb52

Servicing: Massey Ferguson; Allis Chalmers; Agco Allis; Agco White; Jcb; Perkins; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 312.25, **No. of mount. holes** 3 (0), **A.** 88.60, **B.** 28.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

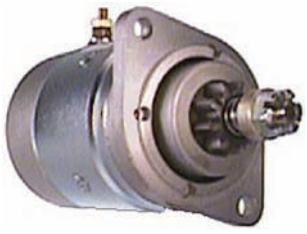


110624 Starter

Replacing: 0001211241; 02914207; 11490400; 443115142071; -110; -112; 9141312; 9142110; -2

Servicing: Skoda

V. 12, **kW.** 0.65, **B+ / B-** M10, **L.** 199.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 26.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



110637 Starter

Replacing: 0001160002; m0101

Servicing: Lombardini

V. 12, **kW.** 0.4, **B+ / B-** M6, **L.** 182.25, **No. of mount. holes** 2 (0), **A.** 62.00, **B.** 29.40, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110640 Starter

Replacing: 0001359091; 11.130.127; -409; azj3115; -516; -534; 27440; dm2120; -30; -34; 0001367014; 11.130.198;

Servicing: Man; Fiat-Allis; Allis Chalmers; Long

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 310.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110771 Starter

Replacing: 0001208019; -20; -27; -28; -30; -31; -40; -41; -50; -55; -206; -501; 0001211006; -7; -10; -11; -18;

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 5.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110772 Starter

Replacing: 12411350236; 12411351042; 12411355693; 12418620033; -903; 12419056639; 0001311016; -25; -45

Servicing: Bmw

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 271.25, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 27.30, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110774 Starter

Replacing: 0001208203; -5; -14; -406; 534003; 6244; -5; moc12-4; mta12-8; m3t19371; 95675; d8e134; d9e18; -87

Servicing: Talbot

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 3 (0), **A.** 82.40, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110775 Starter

Replacing: 0001362003; -4; -27; -28; -38; 0011516401; 0021512601; 0021516401; A0011516401; A0021512601; A002151

Servicing: Mercedes-Benz; Lancia; Claas

V. 12, **kW.** 1.8, **B+ / B-** M10, **L.** 288, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



110777 Starter

Replacing: 0001314012; -3; 068911023a

Servicing: Vw

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 260.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 32.35, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110779 Starter

Replacing: 0001362014; -5; -37; -71

Servicing: Bmw; Opel; Vauxhall; Bedford

V. 12, **kW.** 2.0, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 15.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110785 Starter

Replacing: 0001208411; -2; -4; 055911023d; 175911023c

Servicing: Vw

V. 12, **kW.** 0.9, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.20, **B.** 33.40, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110789 Starter

Replacing: 0001362602; -3; -6; -7

Servicing: Ford

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 292.00, **No. of mount. holes** 3 (0), **A.** 88.95, **B.** 21.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110793 Starter

Replacing: 0001208211; 533002; 6189; -90; -212; moc12-2; 11.130.245; -375; azf3518; -43; d8e104; -22; -24; d8e7

Servicing: Peugeot; Fiat; Citroen

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 220.50, **No. of mount. holes** 2 (2), **A.** 66.00, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110794 Starter

Replacing: 0001208228; 9000142002; 532014; 6220; -47; d8e117; -37; -51; 310008V; -17X; -18Y; 76591N; 77406S; 96

Servicing: Renault; Citroen; Peugeot; Talbot; Austin

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** 14.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110797 Starter

Replacing: 0001208213; -506; 9150136780; 532011; 533001; 534045; -9; 11.130.246; -431; azf3519; -52; m3t19971;

Servicing: Peugeot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.50, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 25.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110812 Starter

Replacing: 0001362073; 19024241; 12070; 4412894; 4448694; 4712894; 4713807; 4741669; -99; 7564668; 77515430; 63

Servicing: Fiat; Alfa Romeo; Seat

V. 12, **kW.** 2.0, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 3 (0), **A.** 109.80, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110813 Starter

Replacing: 0001223504; 0001362032; -9; -105; 4169096; 4682998; 4710224; 4722682; 4728682; 4759929; 88205005; 11

Servicing: Vw; Skoda; Fiat; Fiat-Allis; Allis Chalmers; Agrifull; Benfra; Goldoni; Iveco

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 294.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110814 Starter

Replacing: 0001362062; 19024255; 4711699; 4719664; 4745930; 4807374; 4856056; 77028560; 11.130.123; -500; azj31

Servicing: Iveco; Fiat; Lancia; Renault; Alfa Romeo; Massey Ferguson; Benfra

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.50, **No. of mount. holes** 3 (0), **A.** 109.85, **B.** 26.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110818 Starter

Replacing: 0001362060; 11.130.630; -972; azj3204; -347; 26071; -133; -167; -173; -278; -917; 27413; -23; -63; n

Servicing: Case; Fiat-Allis; Massey Ferguson

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 24.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110819 Starter

Replacing: 19024821; 11.130.520; azj3148; 26344; -65; -411; 27571; -82; -84; nsb530; 3597371m2; 1873a052; 28730

Servicing: Massey Ferguson; Eicher; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 311.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 22.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110822 Starter

Replacing: 0001208508; -702; 9000141113; 534004; -5; -7; mtv12-8; m3t19571; d8e133; -47; d9e19; -28; -31; -32;

Servicing: Talbot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 12.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110823 Starter

Replacing: 0001113004; 0001208233; 0001211215; -986; -988; 6222; -46; 63221302; -32

Servicing: Alfa Romeo; Bertolini; Bcs; Vw

V. 12, **kW.** 0.7, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110824 Starter

Replacing: 0001311041; -118; -122; -136; -137; -140; -141; -142; -143; s114-297; m1t50071; d10e75; -81; -83; 03

Servicing: Audi; Vw; Porsche

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 255.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 20.60, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110825 Starter

Replacing: 0001211242; 4392459; 4412878; 4435660; 46231527; -8; -9; 77387430; 63221300; -30; 4392859; 9141326

Servicing: Alfa Romeo; Fiat; Lancia; Seat; Bertone

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 222.50, **No. of mount. holes** 3 (3), **A.** 64.25, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110826 Starter

Replacing: 9000141108; 07640; mts12-1; mts12-21; -3; 4142222; 4198226; -7; 4474804; -5; 77206430; 77218430; 632

Servicing: Fiat; Seat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 21.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110829 Starter

Replacing: 9000334101; 5491163; 75491453; 75492472; 95492868; 95493934; 95494430; 95580166; 3471366; 532012; mt

Servicing: Citroen

V. 12, **kW.** 0.65, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 18.85, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110830 Starter

Replacing: 0001208209; -27; 9000142001; 532000; -8; d8e139; 7700621108; 7700622748; 7700669221; 7701024176; 770

Servicing: Renault

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 3 (0), **A.** 82.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110831 Starter

Replacing: 0001208220; -514; -519; 0001211237; -9; -515; 71bb11000e2a; -b; 73bb11000b2a; 82gb11000ba; 83bb11000

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 31.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110835 Starter

Replacing: d10e59; d8e115; -32; d9e100; -200; -300; d9e81; 7700260505; 7700268275; 7700749770; 7700751495; 7701

Servicing: Renault; Delorean

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 197.50, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** 7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110836 Starter

Replacing: 0001110005; 0001311132; 0001314026; 4392461; 46231603; -5; 5933930; 5996771; 7587118; 7597118; 77337

Servicing: Fiat; Seat; Lancia

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 266.00, **No. of mount. holes** 3 (3), **A.** 82.40, **B.** 22.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110837 Starter

Replacing: 9000142003; 9000333104; -6; 9751377680; 97517545; m3t19771; -871; m3t39781; -881; d9e131; -2; d9e43;

Servicing: Citroen; Peugeot; Talbot; Rover

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 222.00, **No. of mount. holes** 3 (0), **A.** 74.50, **B.** 5.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110838 Starter

Replacing: 0001314005; -29; -30; 0001315183; b001315183; 0021514301; 0021519701; -801; A0021514301; A0021519701

Servicing: Mercedes-Benz

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 270.65, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 20.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110839 Starter

Replacing: 0001110012; -55; -115; b001117012; 11.130.558; aze2507; 1202016; -45; -143; -156; -956; 90443488; 90

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 269.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 19.60, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110840 Starter

Replacing: 0001311128; 78vb11000da; 89vx11000aa; 25287; -90; -728; nsb102; 25728a; -d; 92vb11000ab; 0001108100;

Servicing: Ford

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 139.75, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110842 Starter

Replacing: 0001108035; -84; -109; -118; -119; -133; 1638243; 91gb11000ab; 91gx11000ab; 26805; 86gb11000ja; -b;

Servicing: Ford; Saab; Merkur

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 243.30, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 5.35, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



110844 Starter

Replacing: 0001218011; -122; 1202048

Servicing: Opel; Vauxhall; Bedford; Vw; Ferrari; Valpadana; Goldoni; Lombardini

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 278.45, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 17.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110847 Starter

Replacing: 0001108047; -78; -79; -151; -171; -184; 1202000; -5; -10; -130; -958; 0001131112; 90277934; 90297846

Servicing: Ford; Opel; Saab; Toyota; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 242.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

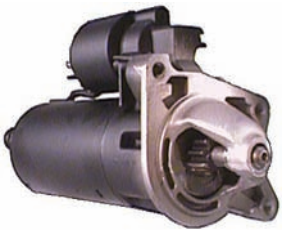


110850 Starter

Replacing: 0001114003; -4; -15; -16; 026911023e; -f

Servicing: Audi; Alfa Romeo

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 233.00, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110851 Starter

Replacing: 0001110051; -65; 89bb11000ab; 91bb11000la; 91bx11000la

Servicing: Ford

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 266.50, **No. of mount. holes** 3 (3), **A.** 76.25, **B.** 14.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110855 Starter

Replacing: 12411268127; 12411270966; 12411350042; 12411351233; 0001208032; -204

Servicing: Bmw

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 2 (0), **A.** 76.25, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110858 Starter

Replacing: 0001211221; -2; 9000692062; 091911023; 091911023x; 66925143

Servicing: Vw

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 44.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110859 Starter

Replacing: 0001157020; -2; moa12-10; mok12-1; 77fb11000ca; -ea; 79fb11000aa; -b

Servicing: Ford

V. 12, **kW.** 0.6, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 76.10, **B.** 13.40, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110862 Starter

Replacing: 0001314027; -35; -36; 0021519301; 0031510001; 0031513801; A0021519301; A0031510001; A0031513801

Servicing: Mercedes-Benz; Puch (steyr-daiml

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 167.00, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 24.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110864 Starter

Replacing: 0001212206; -7; 9000692051; 055911023a; 66925137

Servicing: Vw

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 229.70, **No. of mount. holes** 3 (0), **A.** 82.45, **B.** 13.15, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



110865 Starter

Replacing: 0001208709; -10; -11; -12; -13; -14; 0001211504; -5; 9000082050; -9; b001180009; m3t80571; d9e136; 0

Servicing: Audi; Vw

V. 12, **kW.** 0.95, **B+ / B-** M8, **L.** 228.75, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140500



110867 Starter

Replacing: 0001110013; -9; -43; -64; -88; -104; -105; 0001317023; b001117070; 89ab11000aa; 91ab11000eb; -ga; -p

Servicing: Ford; Mazda

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 265.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 14.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110868 Starter

Replacing: 0001311023; -4; -33; -34; -37; -46; -49; -101; -109; -120; 1438288; 1568699; 5003623; 70gb11000ba; 7

Servicing: Ford; Saab; Lamborghini; Mercury; Triumph

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 255.25, **No. of mount. holes** 2 (0), **A.** 76.25, **B.** 4.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110869 Starter

Replacing: 0001313001; -3; -5; -7; 0001314002; -18; -33; 0011514801; 0011517701; 0011546801; 0021510801; 002151

Servicing: Mercedes-Benz; Audi

V. 12, **kW.** 1.5, **B+ / B-** M8, **No. of mount. holes** 2 (1), **A.** 82.45, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110870 Starter

Replacing: 0001311038; -48; -113; -149; 1438561; 5003639; 71bb11000ba; 76bb11000aa; -d; 85gb11000ea

Servicing: Ford; Mercury

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 256.50, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 27.30, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110932 Starter

Replacing: im332; -544; 0001410057; -68; 0001416044; 19024040; 22623; R23.24; im322; 9125430

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110980 Starter

Replacing: im561; 0001416061; 19024048; 477049; 5003312; 6340000; R23.34; 8192965; 860512; 9125500

Servicing: Volvo

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



110981 Starter

Replacing: im562; 0001416062; -7; 19024049; -106; 11.139.025; azk5184; 81366062; 81466062; 860509; 365211

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 109.85, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110994 Starter

Replacing: 0001110007; -8; 068911023l

Servicing: Audi; Vw

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 267.50, **No. of mount. holes** 3 (1), **A.** 82.50, **B.** 15.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): Cargo 140018.



110996 Starter

Replacing: 0001317009; -10; -18; -19; b001329010; 068911023e; 0001317014; -5; -20; -21

Servicing: Vw

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 2 (0), **A.** 109.75, **B.** 26.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110997 Starter

Replacing: 0001208009; -26; -33; -56; -58; -60; -61; -200; -201; -208; -216; -217; 058911023a; 059911023c; -f;

Servicing: Mercedes-Benz; Audi; Vw; Porsche; Pontiac

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 234.75, **No. of mount. holes** 2 (1), **A.** 82.45, **B.** 21.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110998 Starter

Replacing: 0001368038; 1321182; -4; 1321f183; 1321g183; 1321h183; 1327490; 1327a490; -1; ca4524-18; ca45d24-18;

Servicing: Daf; Ford

V. 24, **kW.** 5.2, **B+ / B-** M8, **L.** 166.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110999 Starter

Replacing: 0001420001; -3; -4; -5; -9; -13; 0r5207; -70; 25900; 2p2501; 2s0900; 2s900; 3p0006; -7; -110; 3p3006

Servicing: Volvo; Peterbilt Trucks; Fiat-Allis; Case; Various; Caterpillar

V. 24, **kW.** 7.5, **B+ / B-** M12, **L.** 499.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.50, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 42MT. Oil sealed.



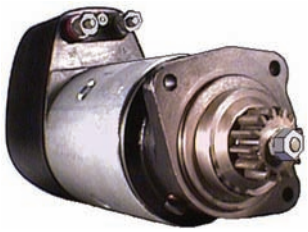
111001 Starter

Replacing: 0001359038; -83; -113; 0001367005; 19024250; 11.130.254; -898; azj3557; mt68ra; 9144820; 63216816; A

Servicing: Lamborghini; Same; Steyr

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 320.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 20.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111003 Starter

Replacing: im504; 0001410052; -94; 0001415007; 0001416004; 19024012

Servicing: Mercedes-Benz; Hanomag

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 387.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



111004 Starter

Replacing: 0001358047; 0001362046; 12960

Servicing: Khd; Atlas Copco

V. 12, **kW.** 2.4, **B+ / B-** M10, **L.** 294.50, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 19.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111008 Starter

Replacing: bpd6/24ar9z11; 443115187340; 9187340

Servicing: Tatra

V. 24, **kW.** 8.0, **B+ / B-** M10, **L.** 426.00, **No. of mount. holes** 0 (0), **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111010 Starter

Replacing: 0001108001; -2; -9; -10; -16; -17; -26; -27; -28; -72; -73; -101; -102; s114-501; s114-501a; 5024621

Servicing: Audi; Vw; Citroen

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 243.25, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 20.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111015 Starter

Replacing: 0001107033; -62; 0001108129; d6ra22; -52; 58101330; 58401940; 63521070

Servicing: Lombardini

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 216.25, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111025 Starter

Replacing: 0001211536; 19024838; 534053; r80k; 46231510; 5999906; 7612952; 7621040; 76221040; 77305430; 11.130.

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 3 (2), **A.** 64.25, **B.** 11.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111029 Starter

Replacing: 0001108074; -112; -162; 95656490; 96017849; 11.130.787; d7r1; d7r11; d7r3; AZE2548; 96288707; 960871

Servicing: Citroen; Peugeot; Rover; Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 3 (1), **A.** 62.00, **B.** -3.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111030 Starter

Replacing: 0001108020; -37; -39; -57; -83; -110; -132; -155; b001111475; 1008838; 6157877; 7085852; 87bb11000jb

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 3 (0), **A.** 76.20, **B.** 14.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111046 Starter

Replacing: im602; 0001417002; 19024052; 4778060; 22702; 0060000; R22.06

Servicing: Man; Alfa Romeo; Mitsubishi; Volvo

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111047 Starter

Replacing: 859252; 0001359119; 0001367049; d11e67; 1359119; 1367049; 1542195; 1545417; 3581774; 5001759; AZJ333

Servicing: Volvo; Volvo Penta

V. 12, **kW.** 3.1, **B+ / B-** M8, **L.** 302.75, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.70, **No. of teeth** 9, 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** GR



111052 Starter

Replacing: 12411266737; 12411269696; 12411271749; 12411272150; 12411352502; -4; 12411715230; 12411717174; 00013

Servicing: Bmw; Ford

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 261.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111053 Starter

Replacing: 0001211227; -32; -512; -535; 6029039; 77fb11000ba; 79fb11000ac; 81ab11000aa; -b; -db; -ea; -eb; -fa;

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 271.50, **No. of mount. holes** 3 (3), **A.** 74.00, **B.** 0.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111054 Starter

Replacing: 0001305016; 0001311001; -27; -32; -103; -104; -114; egd1/12ar37; 1346707; 834339; -976; 870977; 3803

Servicing: Volvo; Volvo Penta

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 35.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111055 Starter

Replacing: 0001112008; 0001157024; -8; -30; 150; -68; -72; -77; 3471150; -68; -72; -77; -393; 11.130.266; -580;

Servicing: Opel; Vauxhall; Pontiac

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 229.50, **No. of mount. holes** 2 (0), **A.** 67.95, **B.** 18.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111056 Starter

Replacing: 0001208224; 155; 3471155; -377; -394; 394; 11.130.352; azf3534; 1202027; -8; -113; -954; 90140179; d

Servicing: Opel; Vauxhall

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 243.50, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111058 Starter

Replacing: 0001113001; -2; 0001211525; -6; -9; -30; s114-554; s114-554a; 63221305; -6; -35; -535; d9e114; 03691

Servicing: Vw; Seat; Audi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 215.50, **No. of mount. holes** 3 (2), **A.** 82.35, **B.** 14.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140500



111059 Starter

Replacing: 0001106002; 0001107007; -8; 0001112003; -4; 0001114005; -6; 0001208416; -7; -8; -9; 0001211257; -8;

Servicing: Vw; Seat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140008.



111060 Starter

Replacing: 0001110001; -2; -14; -15; 0001117008; b001117071; 11.130.722; 9141393; 068911023g; 176911023; 000111

Servicing: Vw

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 264.35, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 31.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140018.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111061 Starter

Replacing: 0001211251; -2; -3; -4; 091911023a; -b; 66925378

Servicing: Vw; Man

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 44.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



111063 Starter

Replacing: 9000333114; d9e70; d9e701; -2; d9e85; d9e851; -2; 7700625428; -9; 7700715102; 7700740076; 7700759289

Servicing: Renault; Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111064 Starter

Replacing: 9000333109; 534023; -44; 11.130.244; -590; aze3559; azf3517; -59; d9e56; -66; -74; 7700681068; 77013

Servicing: Renault; Volvo

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111065 Starter

Replacing: 0001218006; -21; -108; -165; b001233121; -72; -261; 0031512901; 0031519801; 0041513501; 0041515601;

Servicing: Mercedes-Benz; Ssangyong; Daewoo

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 276.00, **No. of mount. holes** 2 (2), **A.** 82.30, **B.** 26.50, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111066 Starter

Replacing: 0001208507; 95607233; 534046; -50; d9e36; -54; -61; -62; 310023W; 77612430; 94612K; 9151139080; 5558

Servicing: Citroen; Peugeot; Fiat; Talbot

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 2 (2), **A.** 65.90, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111068 Starter

Replacing: 0001208226; -518; 9151424580; 534048; 11.130.029; -218; -395; aze0304; aze3513; azf3549; d9e53; -64;

Servicing: Citroen; Peugeot; Talbot

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 212.25, **No. of mount. holes** 3 (3), **A.** 65.85, **B.** 15.65, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111069 Starter

Replacing: 0001110009; -10; 11.130.772; -910; aze2540; -77; 068911023m; 0001310013; 8EA726106-021; 111062

Servicing: Vw

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 290.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 42.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111070 Starter

Replacing: 0001108183; 0001110017; -56; 0001314034; 95514125; 95607234; 11.130.642; aze2521; 9141404; m0t80082;

Servicing: Citroen; Peugeot; Talbot; Fiat; Lancia; Suzuki; Hyundai

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 229.80, **No. of mount. holes** 3 (3), **A.** 64.60, **B.** -6.50, **No. of teeth** 10, 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111099 Starter

Replacing: 0001212002; -3; -5; -6; -7; -8; -12; -13; -208; -209; 003911023a; -b; 039911023

Servicing: Vw; Porsche; Peugeot

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 227.25, **No. of mount. holes** 2 (0), **A.** 76.25, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

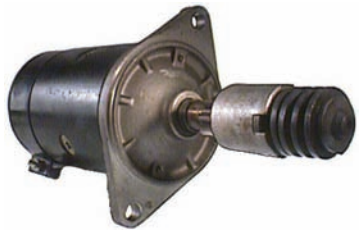


111100 Starter

Replacing: 9000141015; -104; 5426014; 5433495; 5490308; 5491448; 75491723; 75492566; 95494247; 95580161; 6202;

Servicing: Citroen

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 207.75, **No. of mount. holes** 2 (0), **A.** 65.60, **B.** 19.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111103 Starter

Replacing: 25016; -22; -24; -41; -61; -62; -63; -65; -79; -85; -87; -88; -97; -138; -149; -201; 9004475300

Servicing: Triumph; Mg; Morris; Vauxhall; Bedford; Hillman

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 321.50, **No. of mount. holes** 2 (0), **A.** 88.80, **B.** 60.35, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111104 Starter

Replacing: 0001211024; -5; -207; -208; -987; 534002; 63221303; -33; d8e109; -26; 0001108081

Servicing: Alfa Romeo

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 3 (0), **A.** 61.90, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111105 Starter

Replacing: 12411361022; -874; 12411717175; 0001311125; -51

Servicing: Mercedes-Benz; Bmw

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 262.35, **No. of mount. holes** 2 (0), **A.** 76.25, **B.** 20.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111106 Starter

Replacing: 0001208408; 9000333112; 534027; -8; 4469985; -6; -7; 4470118; 46231575; 5959702; 77510430; 63221400;

Servicing: Fiat; Lancia; Seat

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 22.40, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111107 Starter

Replacing: 0001110048; -9; 0001314037; -8; 073911023; 073911023a; -x

Servicing: Vw

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 268.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111109 Starter

Replacing: 0001362081; 9150803080; 9151082480; azj3591; 27455; 555833; 558033; d11e179; -84; -91; 0001218015

Servicing: Peugeot; Talbot

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 293.00, **No. of mount. holes** 3 (0), **A.** 89.15, **B.** 21.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111110 Starter

Replacing: 0001208510; d9e69; 7700751200; 7700758172; 7708758173

Servicing: Renault

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 221.00, **No. of mount. holes** 3 (3), **A.** 82.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111111 Starter

Replacing: 0001218022; -106; -129; 886b11000aa; 88gb11000aa; d9r135

Servicing: Ford

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 273.75, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 22.20, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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111112 Starter

Replacing: 0001362069; -70; -77; -78; 1257938; 5001867; 069911023; 069911023a; -v; 0001362083

Servicing: Audi; Vw; Volvo

V. 12, **kW.** 2.0, **B+ / B-** M10, **L.** 287.75, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111113 Starter

Replacing: 0001218014; -102; -154; 46231610; 5985265; 7589435; 7658555; 7727487; 77452430; 77671430; 63222001;

Servicing: Lancia; Fiat

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 260.65, **No. of mount. holes** 3 (0), **A.** 81.35, **B.** 22.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111115 Starter

Replacing: 0001218003; -20; 9558385480; 95619197; d9r90

Servicing: Citroen; Peugeot; Talbot

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 281.00, **No. of mount. holes** 3 (3), **A.** 97.75, **B.** 37.50, **No. of teeth** 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111118 Starter

Replacing: 9000082021; -39; -40; -82; 25339

Servicing: Fiat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 3 (3), **A.** 67.00, **B.** 13.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111120 Starter

Replacing: 0001218004; -5; -17; -111; -112; -130; b001233104; -12; s13-91; s13-91a; 1257939; 1328392; 5002050;

Servicing: Vw; Volvo

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.65, **No. of mount. holes** 2 (2), **A.** 82.35, **B.** 21.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111123 Starter

Replacing: 0001106015; 0001112015; -35; 96208781; 10455506; 9000795; aze1515; 1202127; -37; -42; -72; -73; -74;

Servicing: Vauxhall; Opel; Daewoo; Chevrolet

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 67.95, **B.** 18.55, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111125 Starter

Replacing: d9r89; 0001218100

Servicing: Peugeot; Talbot; Ldv International; Daf

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 257.50, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111127 Starter

Replacing: 0001108053; -93; 169; -73; 3471169; -73; 9000700; -51; -56; -58; -72; -85; -91; -802; x16478; 104650

Servicing: Opel; Vauxhall; Pontiac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 183.00, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: PG100.



111129 Starter

Replacing: 0001108086; -138; 0001111164; b001111164; 95656488; d6ra12; -72; d6ra721

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 212.65, **No. of mount. holes** 3 (2), **A.** 62.85, **B.** 3.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111130 Starter

Replacing: 0001107019; -63; 95656487; 95667754; 96035033; 9613015980; 9613230280; 9615519880; 9619310280; d6ra1

Servicing: Citroen; Peugeot; Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 198.50, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111131 Starter

Replacing: 0001112012; -6; -33; -37; 0001113003; -5; -9; 0001114014; -20; 9000333118; -9; 6157876; 6816676; 85a

Servicing: Ford; Austin; Rover; Mazda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 208.75, **No. of mount. holes** 3 (3), **A.** 76.15, **B.** 13.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111133 Starter

Replacing: 0001207016; -7; -8; -9; 111911021e; -f; -g; 141911021a

Servicing: Vw

V. 6, **kW.** 0.5, **B+ / B-** M8, **L.** 252.00, **No. of mount. holes** 2 (0), **A.** 76.25, **B.** 32.85, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140018.



111135 Starter

Replacing: 0001311108; m3t24181; d9e17; 8309643; 8319618; 8545873; -81

Servicing: Saab

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 162.25, **No. of mount. holes** 2 (0), **A.** 89.00, **B.** 7.50, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111208 Starter

Replacing: 0001307024; 0001311056

Servicing: Sabb

V. 12, **kW.** 1.35, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 20.45, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111209 Starter

Replacing: 1311115

Servicing: Volvo Penta

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 255.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 21.40, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111211 Starter

Replacing: 0001314031; 0001315004

Servicing: Bukh

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 265.00, **No. of mount. holes** 2 (0), **A.** 82.00, **B.** 21.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111217 Starter

Replacing: im35; im35/1; im403; 0001401012; -3; -28; -52; -68; 0001413007; -10; 0001418004; bng4/12cr222; 19024

Servicing: Volvo; Volvo Bm

V. 12, **kW.** 3.6, **B+ / B-** M10, **L.** 383.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111218 Starter

Replacing: im528; 0001402079; 0001414011; 0001416028; 19024028; 6330000; R23.33; 860543; 9125350

Servicing: Volvo Penta

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 388.00, , **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.00, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111219 Starter

Replacing: im335; -553; -623; 0001410050; 0001411010; 0001415021; 0001416053; 0001417023; 19024047; -63; 10800;

Servicing: Volvo Penta

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.40, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111231 Starter

Replacing: im653; 0001417053; -61; 19024080; 11.139.030; azk5189; d13e107; -10; d13e110te; d13e111; d13e117te;

Servicing: Renault V.i.

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 88.95, **B.** 40.25, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111249 Starter

Replacing: im517; -27; 0001402011; -56; -58; 0001414018; 0001416017; -27; bng4/24cr165br; 19024554; 22612; 6140

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 381.80, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 48.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Bronze, **Gear** DD



111251 Starter

Replacing: 0001107047; 11.130.956; m2t13281; m2t48381; 7700100647; 7700274351; 7700352049; 7700796488; 77008538

Servicing: Renault; Volvo; Dacia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 4 (4), **A.** 64.90, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111269 Starter

Replacing: 0001108040; -71; -82; -111; -152; nad10046; 0001108158

Servicing: Ford; Land Rover; Avia

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 245.60, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 29.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111270 Starter

Replacing: 0001108012; -38; -91; 8823932; 7532153; 8545683; -91; 9376799

Servicing: Saab; Iveco

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 246.35, **No. of mount. holes** 2 (0), **A.** 88.75, **B.** 17.90, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111304 Starter

Replacing: 0001354013; -38; 0001366005; 11.130.732; azj3255; 09620; 0001366014

Servicing: Sabb

V. 12, **kW.** 1.9, **B+ / B-** M10, **L.** 194.75, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 20.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111312 Starter

Replacing: 9007045016; s114-535; -630; -769; s114-769a; m0t80285; m0t80285a; m1t77281; m2t49283; m3t37783; 2330

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 221.70, **No. of mount. holes** 2 (0), **A.** 69.85, **B.** 41.65, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR



111332 Starter

Replacing: 0001362025; -43; -306; -314; -341; 0001369017; f135902060010; x830100009; 11.130.669; -706; azj3218;

Servicing: Fendt; Renault

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 293.55, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 19.45, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111346 Starter

Replacing: 26414; 26925196a; 27541; -7; -65; -68; -90; -98; -608; 63227541; -65; -68; -90; -98; -99; 1873a054;

Servicing: Massey Ferguson

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 314.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111347 Starter

Replacing: 0001107037; -48; -72; -403; 0001108003; -124; -149; b001111010; -100; -143; 0011516901; 0031512801;

Servicing: Mercedes-Benz; Ssangyong; Vw; Daewoo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 219.80, **No. of mount. holes** 2 (2), **A.** 82.35, **B.** 25.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111396 Starter

Replacing: 0001107031; -49; 9007045009; 4557466; -8; 4793110; 9007045020; 9007145009; 4793210

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.50, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 8.30, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111399 Starter

Replacing: 0001368083; 859022; -506; Ins4524/9; 19024262; 1201327

Servicing: Daf

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 352.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 38.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111400 Starter

Replacing: 12411726508; 0001108018; -64; 63223433

Servicing: Bmw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 22.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

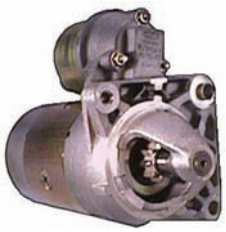


111421 Starter

Replacing: 0001218141; 46231644; 7589005; 75891510; 7726946; 77679430; 63222034; -138; 35260920; 0001218741

Servicing: Fiat; Citroen

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (3), **A.** 81.75, **B.** 26.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111422 Starter

Replacing: 0001113006; 0001116005; 46518059; 7772459; 7785449; 7796598; 63101002; 63222888; -9; -936; 63223200;

Servicing: Lancia; Fiat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (1), **A.** 64.00, **B.** 11.50, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111423 Starter

Replacing: 0001218008; -131; 5984563; 7608589; 77425430; 63221801; -31; 63222036; -133; 4350064; 63220931

Servicing: Fiat

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 271.50, **No. of mount. holes** 3 (3), **A.** 82.45, **B.** 23.50, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111425 Starter

Replacing: 0001108032; -45; -46; -66; -68; -69; -103; -104; -134; 4557209; 4671130; 5226444; 5233007; 128000-25

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 3 (2), **A.** 81.90, **B.** 8.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111456 Starter

Replacing: 0001108070; -105; -135; 0001110024; 4557284; -384; 5226948; 5227248; -548; 5234648; 128000-3500; 128

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 7.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111475 Starter

Replacing: 9000334103; 15852-63010; -1; -2; m2t30481; -581; -586; m2t33182; -3; m2t41581; -6; m2t42381; m2t4918

Servicing: Suzuki

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 185.50, **No. of mount. holes** 2 (0), **A.** 66.50, **B.** 17.50, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111489 Starter

Replacing: 0001108030; -88; 1357199; 5003564; 0001311146; -7

Servicing: Volvo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 242.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 34.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111490 Starter

Replacing: 0001108031; -52; -56; -154; 8933004180; 8953002125; 56027350

Servicing: Jeep; Eagle

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 245.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111492 Starter

Replacing: 0001108123; 4557709; 4686045; -109; 5234509; 5334509; 128000-7140; -1; 128000-9380; 228000-0470; -1;

Servicing: Chrysler; Nissan; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.50, **No. of mount. holes** 3 (2), **A.** 81.00, **B.** 8.00, **No. of teeth** 9, 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111523 Starter

Replacing: 0001108005; -6; -94; -95; -127; b001111024; 7727534; 11.130.724; 9141392; 055911023g; AZE2538; 05591

Servicing: Vw; Lancia; Fiat

V. 12, **kW.** 1.4, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111573 Starter

Replacing: 26246; -343; -376; 27513; -26; 0001359116; 26343a; -b; -d; -k; 26304; 26304a; -b; -d; 26246a; -l; -m

Servicing: Dennis; Avia; Tcm; Jcb

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 311.00, **No. of mount. holes** 3 (0), **A.** 101.00, **B.** 25.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet



111585 Starter

Replacing: 9000330929; -48; r80c; r80c1; 46231500; 46432301; 7668988; 7737262; 63222836; -7; -97; -905; -908

Servicing: Fiat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (3), **A.** 61.90, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111619 Starter

Replacing: 0001110025; -82; 46231601; 5997309; 7580192; 77323430; d7r42; 8111509; 35258420; 9141385; 0001110125

Servicing: Fiat; Seat

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 268.50, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 24.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111636 Starter

Replacing: 0001364402; 9000143501; 2998003; 0001364104; -2

Servicing: Daf

V. 24, **kW.** 5.0, **B+ / B-** M10, **L.** 371.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 39.70, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111637 Starter

Replacing: 0001360026; 0001368034

Servicing: Daf

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR



111638 Starter

Replacing: 0001360049; -61; 0001368017; -63; -74; 2998002; 128000-7600; -1; -2; -3; 1676822; 420760; 465604; 46

Servicing: Volvo

V. 24, **kW.** 4.0, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.70, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111640 Starter

Replacing: 0001368081; b001816006; 11.130.537; 81368001; 859538; azj3160; 11.131.143; -77; azj3387; -93; 000136

Servicing: Man

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 28.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111641 Starter

Replacing: 0001116001; 7700864608; d7e1; 8111840; 11.131.088; aze1225

Servicing: Renault; Nissan

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 195.50, **No. of mount. holes** 2 (1), **A.** 64.00, **B.** 0.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111680 Starter

Replacing: 0001107059; -82

Servicing: Ford

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.75, **No. of mount. holes** 3 (2), **A.** 72.50, **B.** 15.00, **No. of teeth** 21, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111685 Starter

Replacing: 0001107066; -411; 46406973; 46454211; 60620761; 63111005; -7; 63223730; 46791692; 55193406

Servicing: Renault; Lancia; Fiat; Alfa Romeo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.80, **No. of mount. holes** 3 (0), **A.** 65.90, **B.** 10.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111693 Starter

Replacing: 0001362102; 11.130.532; azj3156; 9142840; 63217410; 14860; 4856055; mt74l

Servicing: Iveco; Fiat; Multicar

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 295.65, **No. of mount. holes** 3 (1), **A.** 110.00, **B.** 21.65, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



111694 Starter

Replacing: 0001110066; -7; -106; -107; -108; -122; -123; -126; -127; -128; -129; 11.130.773; -911; aze2541; -78

Servicing: Audi; Ferrari; Vw; Seat; Skoda; Multicar

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 270.00, **No. of mount. holes** 2 (2), **A.** 82.00, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Abbrevations, see first pages.
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111698 Starter

Replacing: 0001107015; -44; b001110042; 9000794; -817; 96208783; m0t86781; 1202138; -44; 90444193; 90458462; 90

Servicing: Opel; Man; Daewoo; Vauxhall; Saab

V. 12, **kW.** 1.1, **B+ / B-** M8, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111724 Starter

Replacing: 0001109033; 91154217; 6202048; 93175883; 9512765

Servicing: Opel; Vauxhall

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 242.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111748 Starter

Replacing: 0001107020; -1; -52; -53; 0001112038; -9; 9000694029; 9141394; 020911023; 020911023a; -j; -l; -m; -n

Servicing: Vw; Seat; Ford; Audi; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 223.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111749 Starter

Replacing: 0001107022; -3; 02a911023f; -t; 9141413; 11.130.775; AZE2543; 66925322

Servicing: Vw; Seat; Ford; Audi; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111750 Starter

Replacing: 0001107014; -27; -28; 0001108087; -106; -139; -140; 81bb11000aa; 92ab11000ja; 26689; 63226689; 00011

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 3 (3), **A.** 75.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111751 Starter

Replacing: 0001112010; -1; 0001114009; -10; b001111217; b001181014; 02a911023; 02a911023a; 66925299

Servicing: Vw; Seat

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 53.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E.(clutch house) enclosed



111752 Starter

Replacing: 0001354073; -80; 0001359014; -74; 0001362063; -300; 0001367001; 19024257; azj3242; 11.130.889; AZJ33

Servicing: Case; Payloader

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111755 Starter

Replacing: 0001359016; -90; 0001367075; -8; 0001369001; -5; at23401; ty6720; 11.130.534; -69; -762; -819; azj31

Servicing: John Deere

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 33.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111759 Starter

Replacing: 1314010

Servicing: Bomag; Khd

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 265.65, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111768 Starter

Replacing: 0001115005; b001115020; 1121510001; A1121510001; 0001108213; -4; d7r36

Servicing: Mercedes-Benz

V. 12, **kW.** 1.7, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 60.00, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111769 Starter

Replacing: 0001108174; -5; 078911023d; 0001108220; -1

Servicing: Audi; Vw; Skoda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (1), **A.** 82.00, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111771 Starter

Replacing: 0001372001; b001960018; 0041519401; 19024179; 0041518801; 0051519401; 11.131.016; azg4605; A00415194

Servicing: Mercedes-Benz

V. 24, **kW.** 6.2, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111790 Starter

Replacing: 1362051

Servicing: Claas

V. 12, **kW.** 2.4, **B+ / B-** M10, **L.** 315.65, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 49.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111791 Starter

Replacing: 0001358021; -50; 0001359107; 0001362052

Servicing: Claas

V. 12, **kW.** 2.4, **B+ / B-** M10, **L.** 315.60, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111793 Starter

Replacing: 0001367017; 0001359017; -20; -88; 0001367076; 3737270; 2873D202; -1; 465471; 0001367048

Servicing: Volvo; Mercedes-Benz; Caterpillar

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 28.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111805 Starter

Replacing: 9000331201; -3; 17610-q1010; s13-107; s13-107a; s13-127; s13-127a; -c; 23300-10t02; 23300-g2403; -4;

Servicing: Nissan; Ford

V. 12, **kW.** 2.5, **B+ / B-** M8, **L.** 243.00, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111817 Starter

Replacing: 0001110101; 077911023e; 0001110100

Servicing: Audi

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 268.00, **No. of mount. holes** 2 (1), **A.** 76.00, **B.** 29.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111818 Starter

Replacing: 0001107011; -39; 23300-99b05; -6

Servicing: Nissan

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 228.60, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 41.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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111821 Starter

Replacing: 0001107010; -38; 23300-99b15; -6; 1151641

Servicing: Nissan

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (1), **A.** 70.00, **B.** 12.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111822 Starter

Replacing: 0001110079; 7700856291

Servicing: Renault

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 269.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -5.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111823 Starter

Replacing: 0001121001; -2; 001911023; 0001121030; -1

Servicing: Vw; Seat; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 3 (1), **A.** 82.50, **B.** 4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111827 Starter

Replacing: 0001108156; 7012883; 95gb11000da

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 241.00, **No. of mount. holes** 2 (2), **A.** 76.00, **B.** 3.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111848 Starter

Replacing: 0001107034; -45; -56; -100; b001110097; f005m00001; 1202145; -59; 90371766; 90508037; 90512189; 9643

Servicing: Opel; Vauxhall; Daewoo; Chevrolet; Peugeot; Citroen; Isuzu

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 215.50, **No. of mount. holes** 2 (1), **A.** 83.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111851 Starter

Replacing: 0001109014; -36; 0001110016; -75; -91; -112; 0031515001; 0041514501; 0041516501; 0041517001; 0041518

Servicing: Mercedes-Benz

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 255.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 25.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111855 Starter

Replacing: 0001218172; 0001223002; 443115142726; 9142726; 069911023f; 11.131.109; aze4535; 9142900; 0001218772

Servicing: Khd

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 23.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111856 Starter

Replacing: 12411711403; 12411720246; 0001218027; -135; -735

Servicing: Bmw

V. 12, **kW.** 2.2, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111865 Starter

Replacing: 0001108137; 0001109040; 0001110090; -120; b001116118; 26801; nad101190; rtc6061n; 0001108144; nad100

Servicing: Land Rover

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 268.00, **No. of mount. holes** 2 (0), **A.** 73.00, **B.** 39.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111868 Starter

Replacing: 0001107070; -1; 012911023
Servicing: Vw
V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 30.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111874 Starter

Replacing: 0001218166; 228000-3640; -1; -2; 28100-08010; 28100-64310; 228000-9220; -1; 28100-64430
Servicing: Toyota
V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 3.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111885 Starter

Replacing: 0001367072; 0001369007; -19; 11.130.664; azj3216; 11.130.695; AZJ3236; 3283812; 0001369025; 00013670
Servicing: Case
V. 12, **kW.** 3.1, **B+ / B-** M10, **L.** 332.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111900 Starter

Replacing: 0001124001; -2; 1007765; 1059564; 95vw11000cb; -ga; 97vw11000aa; d7rs30; 02a911023j; -r; 02a911024;
Servicing: Vw; Ford; Seat; Audi; Skoda; Fiat
V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 235.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 53.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111904 Starter

Replacing: 0001124007; -8; -11; -12; -22; -23; 085911023a; -k; 0001125003
Servicing: Vw; Seat
V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 247.00, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 46.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111905 Starter

Replacing: 0001218153; d7r23; 7700104346; 7700858114; -375
Servicing: Renault
V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (2), **A.** 71.50, **B.** -7.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111906 Starter

Replacing: 0001107087; -407; 0001113010; -7; 0018882; 1011330; -1; 1018882; -3; 1063999; 1064000; 1088649; 1092
Servicing: Ford; Mazda; Volvo
V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 214.35, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 26.35, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111907 Starter

Replacing: 0001218173; 9162928
Servicing: Volvo
V. 12, **kW.** 2.2, **B+ / B-** M8, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111908 Starter

Replacing: 12412246388; 0001110110
Servicing: Bmw
V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 265.50, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 21.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111909 Starter

Replacing: 0001121006; -7; 443115141313; 020911023f; 0001120402; 11.131.054; aze2623; 0001121028; d7es1; -5; 19

Servicing: Audi; Vw; Seat; Ford; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 3 (0), **A.** 76.25, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111910 Starter

Replacing: 0001371006; 1357709; 860305z; 860305; is9148; 11.139.164; azj3450; 0001371007

Servicing: Scania; Vw

V. 24, **kW.** 6.7, **B+ / B-** M12, **L.** 429.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111911 Starter

Replacing: 12411712937; 12411740373; -4; -9; 0001108065; -108; -115; -157; b001111498; 63111006; 63223435; -537

Servicing: Ford; Bmw; Bertolini

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 231.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111981 Starter

Replacing: 0001108019; 85gb11000da; 85gx11000da

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 243.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111982 Starter

Replacing: 0001231002; drx67095; -149; 10479626; 0041516201; 0041518401; 0051512001; -201; 10461470; A004151620

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 317.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 49.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111983 Starter

Replacing: im663; 0001417063; -7; 19024084; 1556955; 1638187; 1676800; -16; 0001420012; -5; 860517

Servicing: Volvo

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M10, **L.** 406.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111984 Starter

Replacing: 0001107030; -75; b001110240; 28100-02040; -80; 28100-16180; -270; 94855154; 228000-2960; -40; 28100-

Servicing: Toyota

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111994 Starter

Replacing: 0001116003; m2t13081; 9626261480; 11.131.764; d7e7

Servicing: Citroen; Peugeot

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 3 (1), **A.** 62.00, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111995 Starter

Replacing: 0001109021; -2; 059911023h; 0001109066

Servicing: Vw; Audi; Skoda

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 285.00, **No. of mount. holes** 2 (2), **A.** 76.00, **B.** 29.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111996 Starter

Replacing: 0001218174; 99451753; 35259930; 0001218774

Servicing: Iveco

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (1), **A.** 109.80, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112004 Starter

Replacing: 12411317584; 12411402990; 12411740584; 0001108145; -69

Servicing: Bmw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 230.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112005 Starter

Replacing: 0001121008; -9; 02a911023l; 11.131.137; aze2634; 0001121026; -18; -19; -7; 915111D

Servicing: Audi; Vw; Skoda; Seat

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112006 Starter

Replacing: 0001109034; 0001110132; 28100-0b010; -20; 28100-0g010; 428000-0720; 28100-0G020

Servicing: Toyota

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 250.50, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 3.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112013 Starter

Replacing: 0001110063; 0001115002; 9162400

Servicing: Volvo

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 268.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** -1.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112014 Starter

Replacing: 0001125503; -4; 069911023h

Servicing: Vw

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112034 Starter

Replacing: 0001109029; 0001110033; 0001214002; 11.131.157; AZE2636; 63221435

Servicing: Vw; Goldoni; Ferrari; Bcs; Mosa; Arona; Ruggerini; Lombardini; Acme; Hatz

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 233.30, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 27.00, **No. of teeth** 9, 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112037 Starter

Replacing: 0001368085; 19024260; 2873d304

Servicing: Volvo; Perkins

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 340.70, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 22.20, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112039 Starter

Replacing: 0001354091; 0001366004; 11.130.612; AZJ3192; f139900060011

Servicing: Khd; Fendt; Jenbacher Werke

V. 12, **kW.** 2.7, **B+ / B-** M8, **L.** 295.00, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

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112040 Starter

Replacing: 1314047

Servicing: Hatz

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 272.50, **No. of mount. holes** 2 (0), **A.** 82.35, **B.** 43.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112041 Starter

Replacing: 0001362700; 11.130.565; azj3177; 1177441; 112020

Servicing: Khd

V. 12, **kW.** 2.2, **B+ / B-** M10, **L.** 293.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112052 Starter

Replacing: 0001218116; -7; 112051; 35259480; 9000331427

Servicing: Vw

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112053 Starter

Replacing: 0001218157; 0001223001; m2t80582; m2t84771; 9625382480; 0001218757; 5802H5; D7R57

Servicing: Peugeot; Citroen

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.50, **No. of mount. holes** 3 (3), **A.** 74.00, **B.** -6.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112055 Starter

Replacing: 0001364400; 0001368313; 0001231013; 860304; 0001231041

Servicing: Daf

V. 24, **kW.** 5.2, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 109.90, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112071 Starter

Replacing: 0001230006; -14; 1180928; 11.130.841; azf4514; f716900060060

Servicing: Deutz-fahr

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 315.80, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112074 Starter

Replacing: 0001369015; 3918688; 81866002; 82005342; 898821291; 11.130.627; azj3201; 82007917; 82013922; 8982129

Servicing: New Holland; Ford

V. 12, **kW.** 3.1, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112080 Starter

Replacing: 0001108173; 8602103

Servicing: Volvo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -1.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112115 Starter

Replacing: im538; 0001410116; 0001416038; 19024036

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112116 Starter

Replacing: im665; 0001417065; -75; 19024085; 11.139.107; azk5456; 81467065; 1547049; 3964839; 860511

Servicing: Volvo

V. 24, **kW.** 6.6, **B-** M12, **B+ / B-** M12, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



112117 Starter

Replacing: im664; 0001417064; 4839041; 860513; 9125160

Servicing: Iveco; Citroen

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M12, **L.** 405.50, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 20.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



112118 Starter

Replacing: 0001411021; -7; 0001417007; 860514; 9125040

Servicing: Iveco; Isotta Fraschini

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112119 Starter

Replacing: im642; 0001417042; 19024076; 22718; 11.139.022; 81467042; -3; 349575; 571453; 860505; 9125110

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112120 Starter

Replacing: im637; 0001411022; 0001417037; 19024072

Servicing: Mercedes-Benz; Man

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.50, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



112125 Starter

Replacing: 0001218120; -33; -45; -46; -47; 7642261; 7680619; 7716196; -767; 63222038; -134; -135

Servicing: Alfa Romeo; Fiat; Lancia; Ford

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (3), **A.** 82.40, **B.** 24.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112131 Starter

Replacing: 0001107003; -4; 0001108076; -7; 11.130.845; aze2558; 02a911023e; 9141410; 02a911023d; 02A911023DX; 0

Servicing: Vw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 244.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR
Bushing D.E. (Clutch house): Cargo 140018



112132 Starter

Replacing: 0001360023; -36; 0001368030; 11.130.766; azj3277; 243007; 4785541; 4880691

Servicing: Volvo Bm

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



112133 Starter

Replacing: 0001110084; -5; 11.130.776; -912; aze2544; -79; 02a911023g; 9141414

Servicing: Vw; Seat

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 282.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry
Bushing D.E. (Clutch house): Cargo 140018

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112134 Starter

Replacing: 0001110031; -2; 11.130.844; -913; aze2557; -80; 02a911023b; 9141412

Servicing: Vw

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 282.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 50.70, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Bushing D.E. (Clutch house): Cargo 140018



112135 Starter

Replacing: 0001359019; -75; 0001362064; -301; 0001369018; 11.130.705; -895; azj3243; -317; 3228192R91; A186180

Servicing: Case

V. 12, **kW.** 3.1, **B+ / B-** M10, **L.** 316.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 22.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112141 Starter

Replacing: 0001107016; 93bb11000ca; -ha; 26695; 27004; 112066

Servicing: Ford

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112166 Starter

Replacing: 0001110069; -70; -86; -87; -118; -119; 95vw11000da; 02a911023c; -h; -q

Servicing: Vw; Ford

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 288.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Bushing D.E. (Clutch house): Cargo 140018



112167 Starter

Replacing: 9141319; 0001110061; -2

Servicing: Vw

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112171 Starter

Replacing: 0001107024; 11.131.002; AZE2617

Servicing: Piaggio; Ferrari; Valpadana; Bertolini; Bcs; Goldoni; Lombardini

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 28.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112172 Starter

Replacing: 0001109009; 0001314001; 0001110028; -41; -42; les0186

Servicing: Bmw; Ferrari; Mosa; Arona; Lombardini

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 267.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112173 Starter

Replacing: 11.130.250; -736; azj3258; -554; 0001367008

Servicing: Bertolini; Bmw; Hatz; Vm (stabilimenti Mec.

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 342.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 20.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112174 Starter

Replacing: 1363123

Servicing: Mercedes-Benz

V. 24, **kW.** 3.2, **B+ / B-** M10, **L.** 289.00, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 21.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112175 Starter

Replacing: 1367054

Servicing: Hyster

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112221 Starter

Replacing: 0001125501; -2; -11; -12; b001126016; 069911023e; -l

Servicing: Vw

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 21.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112224 Starter

Replacing: 0001371004; d13hp601; 1332903; 571462; 860650

Servicing: Scania

V. 24, **kW.** 6.7, **B+ / B-** M12, **L.** 428.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112236 Starter

Replacing: 0001124013; -4; b001127041; 441.04009-219.6; 6u0911023a

Servicing: Vw; Seat; Skoda

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 27.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112249 Starter

Replacing: 0001354031; -95; 0001366025; 29-50096; 30-00308-00; 11.130.531; -620; azj3155; -97; meo6005; 3041c58

Servicing: Mercedes-Benz

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112267 Starter

Replacing: 0001367079; lns2800; 3909913; 10461285; 10465026; -43; -211; -365; 10479621; -4; 1113276; -92; -593;

Servicing: Ford; Cummins; Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 10, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112286 Starter

Replacing: 0001110076; -7; -98; -99; 0001124003; -4; 0001125005; -6; 11.130.723; aze2537; 9141395; 020911023b;

Servicing: Vw; Seat; Ford; Audi; Skoda; Mercedes-Benz

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 3 (0), **A.** 76.10, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112289 Starter

Replacing: 0001211246; 9000082061; 4470377; -8; 46231535; -40; 5968605; 7589547; -655; 7666528; 77398430; 77603

Servicing: Fiat; Lancia; Innocenti

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 224.00, **No. of mount. holes** 3 (3), **A.** 64.20, **B.** 13.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112290 Starter

Replacing: 0001218105; -28; 1058429; 1061267; 1118336; 1s4u11000aa; 89ab11000ba; -ca; 91ab11000fb; -ha; -hb; 92

Servicing: Ford; Mazda

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 257.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 9.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112295 Starter

Replacing: 0001110003; -26; -89; -95; -114; b001117311; 11.130.646; aze2522; md329260; d10e85; -92; d10e921; d7

Servicing: Renault; Volvo; Mitsubishi; Porsche

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -0.50, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112305 Starter

Replacing: 0001108092; 8826851

Servicing: Saab

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 241.00, **No. of mount. holes** 2 (0), **A.** 89.00, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112306 Starter

Replacing: 0001107005; -6; 02b911023b; 9141390; 0001108096; -7; 11.131.178; aze2640

Servicing: Vw

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112307 Starter

Replacing: 0001107025; 036911023s; -5b; 0001107026; -103; -104

Servicing: Vw; Seat

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 4 (2), **A.** 83.00, **B.** 2.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Bushing D.E. (Clutch house): Cargo 140018



112308 Starter

Replacing: 60814706; 0001108048; -126; -136; -159; 46414831; 60585343; 7700114428

Servicing: Alfa Romeo; Lancia; Fiat

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 146.50, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 9.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112309 Starter

Replacing: 0001108113; -4; 63223438; 078911023; 078911023a; -x

Servicing: Audi; Vw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (1), **A.** 76.00, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112319 Starter

Replacing: 0001108121; 93bb11000aa; -b; 11.130.717; AZE2535; 63227004

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 242.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112321 Starter

Replacing: 0001107012; -3; -7; -8; -54; -55; -68; -69; -73; -74; 0001112005; -6; -13; -14; b001110043; 02691102

Servicing: Audi; Man; Vw; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 227.55, **No. of mount. holes** 2 (2), **A.** 83.00, **B.** 13.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112340 Starter

Replacing: 0001108122; 93bb11000bb; -jb; -jc; f3rz11002b; sa-814; sa814; 63280002; 6686135

Servicing: Ford; Mazda; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 4.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112379 Starter

Replacing: 0001109048; 46437520; 46522234; 63113003; 0001108204; 11.130.996; aze2110

Servicing: Fiat

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 221.35, **No. of mount. holes** 3 (0), **A.** 77.00, **B.** 10.0, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112429 Starter

Replacing: 0001125018; -9; 1111210; ym2111000ba; d7rs50; 02m911023a; -c; -f; 0001125048; 915109D; 0001125049

Servicing: Audi; Vw; Ford; Seat; Skoda

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 259.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 62.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112430 Starter

Replacing: 0001125507; -8; -17; -18; 069911023j; -m

Servicing: Vw

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 229.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112431 Starter

Replacing: 0001107077; -98; 1202179; 90586916; 9117691

Servicing: Opel; Vauxhall; Daewoo; Chevrolet

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.50, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112432 Starter

Replacing: 0001108160; 4686107

Servicing: Chrysler; Dodge; Chevrolet

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 264.50, **No. of mount. holes** 3 (2), **A.** 82.00, **B.** 8.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112433 Starter

Replacing: 0001124018; -9; 058911023f; 085911023f

Servicing: Vw; Audi

V. 12, **kW.** 1.8, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 47.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112434 Starter

Replacing: 0001109041; 8602360; 9459468

Servicing: Volvo

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112435 Starter

Replacing: 0001121016; -7

Servicing: Skoda; Audi; Vw; Seat

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 210.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112436 Starter

Replacing: 0001223013; 1329201080; 46758240; 8029647; 0001218759; msn2006; 063522187590; is1269; 11.131.476; az

Servicing: Fiat; Peugeot; Citroen

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 273.00, **No. of mount. holes** 3 (3), **A.** 81.50, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Abbrevations, see first pages.
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112437 Starter

Replacing: 0001371008; 1382290; 571464

Servicing: Scania

V. 24, **kW.** 6.7, **B+ / B-** M12, **L.** 429.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 36.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112438 Starter

Replacing: 0001125021; -2; -51; -52; 02t911023c; -h

Servicing: Skoda; Vw; Seat

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 234.25, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 52.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112439 Starter

Replacing: 0001218152; -68; b001233216; err5009; 35259400; 0001218768

Servicing: Land Rover

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112440 Starter

Replacing: 0001218150; -6; -62; 0001223005; 0041516301; -701; 0041517101; 0051511301; 0051512901; d7r281; d7r43

Servicing: Mercedes-Benz

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 27.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112441 Starter

Replacing: 0001223003; -7; 500307724; 7700377051; 0001223024

Servicing: Renault V.i.; Iveco

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 255.50, **No. of mount. holes** 3 (3), **A.** 81.50, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112442 Starter

Replacing: 0001367077; al81154; 0001230002; 7700045291; 9142745; RE503226

Servicing: John Deere

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.30, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112443 Starter

Replacing: 0001124020; -1; 068911024h

Servicing: Vw; Audi

V. 12, **kW.** 1.8, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112444 Starter

Replacing: 0001125016; -7; -46; 02b911023e; 0001125047

Servicing: Vw

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 257.50, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 61.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112445 Starter

Replacing: 0001107091; 46748349; 46821681; 0001107109

Servicing: Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (2), **A.** 66.00, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112454 Starter

Replacing: 0001218023; -125; -158; -175; 60512969; 0001218725

Servicing: Alfa Romeo; Rover; Chrysler; Jeep; Dodge

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112455 Starter

Replacing: 0001108025; -146; 46231592; 7541569; 7588942; 63223432

Servicing: Lancia; Fiat; Alfa Romeo; Vw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 238.25, **No. of mount. holes** 3 (0), **A.** 66.50, **B.** 22.45, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112459 Starter

Replacing: 0001108150; -77; -78; 1202024; -169; 90487546; 90542532; -967

Servicing: Opel; Vauxhall; Cadillac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 229.60, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112494 Starter

Replacing: 0001231005; 1180999; 11.130.842; azf4515; 01180999KZ

Servicing: Volvo

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 316.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112496 Starter

Replacing: 0001109017; 11.130.979; 11.131.164; aze2105; -41

Servicing: Farymann

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 269.00, **No. of mount. holes** 3 (1), **A.** 82.00, **B.** 14.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112497 Starter

Replacing: 0001107058; 0001108050

Servicing: Mosa; Ruggerini

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 227.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 24.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112498 Starter

Replacing: 0001231016; 4892338; ; 48922338; 42498718; 63522310; msn2008; is1264; 11.131.846; azf4237

Servicing: Iveco

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 49.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112499 Starter

Replacing: 1417060

Servicing: Liebherr

V. 24, **kW.** 6.6, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112507 Starter

Replacing: im526; 0001414022; 0001416026; 19024026; 860520

Servicing: Volvo; Volvo Penta

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112533 Starter

Replacing: 12412246570; -1; 12417785691; 12419069808; 0001218134; 1202141; -68; 6202017; 90465731; 93171945; 00

Servicing: Bmw; Opel; Land Rover; Vauxhall

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 238.60, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 20.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112534 Starter

Replacing: 0001109035; 1850866; 11.131.267; aze2155

Servicing: Khd; Perkins

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112536 Starter

Replacing: 0001208520; -4; 86bb11000na; 87bb11000aa; 87gb11000aa; 91bb11000ba; 25400; 26626; 27048; 128000-2640

Servicing: Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112537 Starter

Replacing: 0001218012; -3; -8; -113; -114; -115; b001233158; 50246416; 046911023b; 069911023c; -d; 9000331426

Servicing: Audi; Vw; Fiat

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 274.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112541 Starter

Replacing: 0001218002; 9000331420; d11e172; 7700665613; d11e272; 7701351026

Servicing: Jeep; Fiat; Renault

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 273.00, **No. of mount. holes** 2 (1), **A.** 77.00, **B.** -7.00, **No. of teeth** 10, 12, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet



112542 Starter

Replacing: 1311054

Servicing: Bomag; Hatz

V. 12, **kW.** 1.35, **B+ / B-** M8, **L.** 265.00, **No. of mount. holes** 2 (0), **A.** 82.25, **B.** 22.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112552 Starter

Replacing: 0001110029; -30; 077911023c

Servicing: Audi

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 270.00, **No. of mount. holes** 2 (1), **A.** 76.00, **B.** 30.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112553 Starter

Replacing: 0001110072; -1; 11.139.447; aze2210

Servicing: Bmw; Alpina

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 269.00, **No. of mount. holes** 2 (2), **A.** 76.05, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112555 Starter

Replacing: 0001369014; az23179; 11.130.567; azj3179; 1179318; 0001369024

Servicing: Linde; Fendt; Deutz-fahr; Irmer; Kramer; Bosch; Khd; Jenbacher Werke

V. 12, **kW.** 3.1, **B+ / B-** M10, **L.** 304.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 26.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112581 Starter

Replacing: 0001372002; -3; -7; -8; 0001371010; -5; 1357212; 1284775; is9149; 11.139.165; azj3452

Servicing: Daf

V. 24, **kW.** 6.2, **B+ / B-** M12, **L.** 380.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112651 Starter

Replacing: 0001364101; -300; azj0602; azj3221; 11.130.003; -30; -672; 94955E; d11e149

Servicing: Khd; Bosch

V. 24, **kW.** 4.8, **B+ / B-** M10, **L.** 351.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112660 Starter

Replacing: 0001359045; -69; 0001362310; 0001367042; 1107862; -7; 26336; 27508; -56; -75; -86; -604; 529965ex; 1

Servicing: Case

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 333.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112670 Starter

Replacing: 0001368040; 11.130.993; AZJ3351; 0001368051; -26; 27301k; 27309; 27309a; -e; 27311; 27311a; -e; -h;

Servicing: Daf; Mercedes-Benz; Perkins; Hanomag

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 28.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112816 Starter

Replacing: 0001107032; 4672108

Servicing: Chrysler; Dodge; Eagle; Mitsubishi

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 219.05, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 9.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112817 Starter

Replacing: 1107009

Servicing: Alfa Romeo

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 223.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 23.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112818 Starter

Replacing: 0001108107; -53; -66; -67; 7700103386; 1363451; 8111302; 8602084; -5; 9162617; -8

Servicing: Volvo; Renault

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 241.50, **No. of mount. holes** 2 (2), **A.** 76.00, **B.** 0.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112819 Starter

Replacing: 0001108148; -70

Servicing: Opel; Saab; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 242.80, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 18.35, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112820 Starter

Replacing: 0001110039; -53; -113; b001117050; -148; -149; 0031517901; 0041513701; A0031517901; A0041513701

Servicing: Mercedes-Benz

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 268.00, **No. of mount. holes** 2 (0), **A.** 78.00, **B.** 11.70, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



113007 Starter

Replacing: 0001368059; 1113272; 1998519; 11.130.662; -797; 10461444; re51725; re52150; re522738; 11.131.274; az

Servicing: John Deere

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 33.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



113095 Starter

Replacing: 5213590; 5226742; 4439474; 5212190; 5213049; -645; 028000-7170; -1; -2; 0001208407; -13; 5213045; -4

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 79.00, **B.** 5.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113134 Starter

Replacing: 0001218019; -101; -163; -167

Servicing: Renault; Renault V.i.; Vauxhall

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 109.70, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113177 Starter

Replacing: 1107046

Servicing: Lamborghini

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 212.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 16.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113178 Starter

Replacing: 1108168

Servicing: Volvo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 15.50, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113179 Starter

Replacing: 1110054

Servicing: Mercedes-Benz

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 269.00, **No. of mount. holes** 2 (2), **A.** 77.90, **B.** 12.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113181 Starter

Replacing: 0001223016; 11.131.223; aze4566; 1181751; 1182384

Servicing: Bmw

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 261.00, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 23.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113182 Starter

Replacing: 0001230010; -07; -23; 500325145; ; 63522300; msn2039; is1262; 11.131.604; azf4155

Servicing: New Holland

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 320.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 30.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113183 Starter

Replacing: 1231010

Servicing: Iveco

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 109.80, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

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113184 Starter

Replacing: 1368069

Servicing: Case

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113266 Starter

Replacing: 0001115012; -24

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.7, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 18.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113267 Starter

Replacing: 0001116006; d7e31; -41; 23300-9f660; -00; -1; -2

Servicing: Nissan

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 185.50, **No. of mount. holes** 2 (1), **A.** 69.90, **B.** 12.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



113268 Starter

Replacing: 0001109012; 0001314016

Servicing: Claas; Ferrari; Goldoni; Valpadana; Arona; Lombardini

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 255.50, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 22.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113271 Starter

Replacing: 0001107088; 28100-0d030

Servicing: Toyota

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 204.00, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 15.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113276 Starter

Replacing: 0001107402; -4; -5; -8; -35; 24436877; 93176051; 24437136; 55351608; 6202064; -79; 9115190; 9199321;

Servicing: Opel; Vauxhall; Saab

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 67.90, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113277 Starter

Replacing: 0001231011; 500325137

Servicing: Iveco

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 109.80, **B.** 30.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113281 Starter

Replacing: 0001107080; nad101340; 11.139.448; aze2211

Servicing: Rover; Mg

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 231.40, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 39.00, **No. of teeth** 12, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113282 Starter

Replacing: 0001108197; 0051516501; A0051516501

Servicing: Mercedes-Benz

V. 12, **kW.** 1.4, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 60.00, **B.** 25.80, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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113286 Starter

Replacing: 1106019

Servicing: Mini

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 202.50, **No. of mount. holes** 2 (0), **A.** 73.90, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113288 Starter

Replacing: 0001107094; -5

Servicing: Vw

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 3 (2), **A.** 82.40, **B.** 2.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113292 Starter

Replacing: 1108196

Servicing: Bmw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 230.20, **No. of mount. holes** 2 (1), **A.** 76.10, **B.** 25.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113299 Starter

Replacing: 1107076

Servicing: Volvo

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 216.50, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** -1.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113303 Starter

Replacing: 1109252

Servicing: Volvo

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 3 (2), **A.** 76.10, **B.** 0.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113346 Starter

Replacing: 11.130.783; 26660; -90; -93; -94; 27034; 63223104; 63230001; 63223103; 0001106016; TJG911023B; 90572

Servicing: Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 210.50, **No. of mount. holes** 3 (0), **A.** 67.00, **B.** 39.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR



113353 Starter

Replacing: 1368311

Servicing: Fendt

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 27.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



113380 Starter

Replacing: 26329; 0001367056; 26329a; -b; -d; -k; -l; 27507; 27507a; -4a; -4b; -b; -53a; -53d; 27504; 26305a; -

Servicing: Ford

V. 12, **kW.** 2.8, **B-** M8, **B+ / B-** M8, **L.** 307.00, **No. of mount. holes** 3 (0), **A.** 91.80, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



113381 Starter

Replacing: 11.130.510; azj3145; -95; 63217121; 11.130.618; 27430; 27430a; -b; 20404082; 0001367012; v450dt; mt7

Servicing: Fiat-Allis; Goldoni; Farymann

V. 12, **kW.** 2.5, **B-** M8, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 109.70, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113387 Starter

Replacing: 0001124005; -6; d7rs31; 02b911023d; -l; 0001125001; -2; -11; -31; -32; 11.131.056; aze2625; D7RS131

Servicing: Vw; Seat

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 54.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113389 Starter

Replacing: 0001218016; -110

Servicing: Mercedes-Benz

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.50, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113430 Starter

Replacing: 63113002; 46478945; 46748351; 0001109030; 46430784; 46473784; 60814911; 11.130.997; aze2111; 113297;

Servicing: Alfa Romeo; Fiat; Lancia

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 3 (0), **A.** 81.50, **B.** 9.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113443 Starter

Replacing: 11.130.716; 9610205880; 0001108130; b001111399; 0001108176; AZE2534; 0001108085

Servicing: Citroen; Peugeot; Fiat

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 3 (3), **A.** 62.10, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113444 Starter

Replacing: 0001218029; 0041512101; 0041513001; 0041516601; 0001218109; -60; A0041512101; A0041513001; A00415166

Servicing: Mercedes-Benz

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 252.50, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 25.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113451 Starter

Replacing: 0001218159; 46231643; 1300198080

Servicing: Fiat; Citroen; Peugeot

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.50, **No. of mount. holes** 3 (3), **A.** 81.50, **B.** 23.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113464 Starter

Replacing: 11.130.151; -673; azj3222; -522; 0001364100; -301; 4159015; 1163626; 1179586; 6200827; 0001364001

Servicing: Iveco; Khd; Abg; Irmer

V. 24, **kW.** 4.8, **B+ / B-** M10, **L.** 346.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113465 Starter

Replacing: 0001367302; 0001359008; -95; 0001367070; d11e119; 12760; d11e104; d11e119t; 0025841042; 5000049124;

Servicing: Renault V.i.

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 338.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 22.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113466 Starter

Replacing: 0001360050; 0001368070; -304; -306; 0001231009; 12900; 0001360013; 76517; d11e122; d11e99; 002584104

Servicing: Renault V.i.

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 316.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 22.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry

Abbrevations, see first pages.
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113467 Starter

Replacing: 1163758; 42498131; 1163758; 11.130.619; azj3196; 0001365004; mrs706

Servicing: Iveco; Deutz-fahr; Atlas Copco

V. 12, **kW.** 3.7, **B+ / B-** M10, **L.** 346.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113468 Starter

Replacing: 0001231007; -19; 11.130.730; azf4509; 11.131.085; -236; azj3374; -88; -404; 0001368056; 11.130.626;

Servicing: Man

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 315.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113478 Starter

Replacing: 0001230003; re501693; re502156; re60641; 11.131.063; -121; aze4603; -20; 11.131.221; re516157; re684

Servicing: John Deere; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 303.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 35.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Oil sealed.



113480 Starter

Replacing: 0001107060; 11.131.233; aze2642

Servicing: Ruggerini

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113481 Starter

Replacing: 0001108051; -180; -182; -186; d6ra104; 0001108022; -143; 11.130.957; AZE2101; 7700106426; -763; 7700

Servicing: Renault; Chrysler; Opel; Vauxhall; Suzuki

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** -1.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113482 Starter

Replacing: 11.130.881; AZJ3310; 0001359044; -87; -89; 0001367045; -6; 241599; 4785538; -9; 4880692; -3

Servicing: Volvo Bm

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113483 Starter

Replacing: 11.130.404; aze1508; 0001112021; -2; 0001113007; -8

Servicing: Vw; Seat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 223.75, **No. of mount. holes** 3 (2), **A.** 82.40, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113484 Starter

Replacing: 0001368037; -9; 27305; 835330965; 11.130.595; azj3186

Servicing: Valmet; Sisu

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113509 Starter

Replacing: 0001123016; -7; 02E911023H

Servicing: Vw; Audi; Seat; Skoda; Kia

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 242.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 42.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113513 Starter

Replacing: 0001107406; 0051513901; A0051513901

Servicing: Mercedes-Benz

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (2), **A.** 69.80, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113515 Starter

Replacing: 0001120400; -1; 02T911023G

Servicing: Skoda; Vw; Seat; Audi

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 197.05, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 56.35, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113534 Starter

Replacing: 1367069

Servicing: Fiat-Allis; Massey Ferguson; Perkins

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 27.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113587 Starter

Replacing: 9007045018; 4793804; 6187

Servicing: Chrysler; Plymouth; Dodge

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 207.50, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 8.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113605 Starter

Replacing: 0001107067; d6ra63; 3080846; 11.139.421; azd3522

Servicing: Volvo

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -1.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113609 Starter

Replacing: 0051515001; 0001372006

Servicing: Mercedes-Benz

V. 24, **kW.** 6.2, **B+ / B-** M12, **L.** 389.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet



113613 Starter

Replacing: 0001107415; 5033133AA; -b; -c; 6004aa0003; -8; 4793493; 6927; 0001107432; 05033556aa; 5033556aa; 600

Servicing: Dodge; Plymouth

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.50, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 9.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



113644 Starter

Replacing: 0001107092; 0001112017; m2t42881; 23300-41b71; 23300-30s30; -60; 23300-41b70; 23300-94851; 23300-99b

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 189.80, **No. of mount. holes** 2 (1), **A.** 69.90, **B.** 10.60, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113649 Starter

Replacing: 0001107079; 228000-6750; 28100-11160; 228000-4320

Servicing: Toyota

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 206.30, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 4.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Abbrevations, see first pages.
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113674 Starter

Replacing: 0001109015; -55; -62; -68; 1202148; 6202009; 90512467; 90519331; 9200962; 6202014; -60; 93171526; 93

Servicing: Opel; Saab; Vauxhall

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 2 (1), **A.** 82.30, **B.** 18.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113677 Starter

Replacing: 0001121010; -1; 443115141319

Servicing: Vw

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 213.15, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 52.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113678 Starter

Replacing: 0001125605; -6; 02M911023Q

Servicing: Vw

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 62.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113705 Starter

Replacing: 0001312001; 833031

Servicing: Audi; Nsu; Volvo Penta

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 253.00, **No. of mount. holes** 2 (0), **A.** 82.20, **B.** 18.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113706 Starter

Replacing: 0001107107; 58402180

Servicing: Lombardini

V. 12, **kW.** 1.1, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 15.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

113726 Starter

Replacing: 1367061

Servicing: Case

V. 12, **kW.** 3.0, **No. of teeth** 9



113745 Starter

Replacing: DAC8837R; DBC1939N; vs371; dbc2937e; -n; 25755; -6; 0001110011; 25692

Servicing: Jaguar

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 2 (1), **A.** 89.00, **B.** 26.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113749 Starter

Replacing: 1115007

Servicing: Volvo

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (2), **A.** 76.10, **B.** -0.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113750 Starter

Replacing: 0001112027; -8; -44; -45

Servicing: Vw; Seat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 4 (2), **A.** 82.40, **B.** 2.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113752 Starter

Replacing: 0001110092; -102; -124; 0001109018; 26943; -5; -6; 63112003; 46439700; 7692102; 7770210; 46430721; 4

Servicing: Fiat

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 3 (3), **A.** 81.80, **B.** 23.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113753 Starter

Replacing: 0001112025; m3t32991; 7700858442; 7701352210; 7702082972

Servicing: Renault; Citroen; Hyundai; Kia

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** -1.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113759 Starter

Replacing: 0001231008; -29; 51.26201-7158; -212

Servicing: Man; Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113760 Starter

Replacing: 0001231017; 1387383; AELD021

Servicing: Daf

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113761 Starter

Replacing: 0001106012; -7; -22; 7700115294; 7700875450; 8200050150; 8200186144; 8253505

Servicing: Daf; Renault

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 4 (4), **A.** 65.90, **B.** -0.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113773 Starter

Replacing: 0001121402; -3; D6GS14; 02M911023M; -G

Servicing: Audi; Seat; Vw; Skoda; Renault

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 62.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

113815 Starter

Replacing: 6004aa3015

Servicing: Cadillac

V. 12, **kW.** 1.7, **No. of teeth** 9, **Gear** GR



113836 Alternator

Replacing: 0124515087; -90; 60672342; 60673305

Servicing: Alfa Romeo

V. 12, **Amp.** 120, **B+ / position** M8, **B+ position in min** 44, **Width of holder arm** 14.50, **Mount. bracket dist.** 61.00, **Fan** IF, **Grooves in pulley** 6, **Pulley** Serpentine Pulley, **Pulley distance** 29.50, **Rotation** CR



113841 Starter

Replacing: 0001123014; -5; D7GS10; ts18e3; 02M911023N; -P

Servicing: Seat; Audi; Vw; Skoda; Renault; Opel; Peugeot; Bmw

V. 12, **kW.** 1.7, **B+ / B-** M8-1.25, **L.** 242.15, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 61.55, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



113842 Starter

Replacing: 0001123012; -3; D7GS8; TS18E1; 02Z911023F; -H

Servicing: Audi; Skoda; Vw; Seat

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 2 (0), **A.** 76.20, **B.** 56.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113843 Starter

Replacing: 0001107429; -37; 55353237; -57; 6202071; -83; 93178138; 93186246

Servicing: Opel; Vauxhall; Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (1), **A.** 64.00, **B.** 24.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113844 Starter

Replacing: 0001212400; -1; 9007042015; -6; 027911023x

Servicing: Vw

V. 12, **kW.** 0.95, **B+ / B-** M8, **L.** 243.50, **No. of mount. holes** 3 (0), **A.** 82.45, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113846 Starter

Replacing: 0001218024; -103; -703; 46231642; 7580575; 7666135

Servicing: Fiat; Alfa Romeo

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113847 Starter

Replacing: 0001208425; -6; -8; -9; 025911023; 025911023a; 025911023AX

Servicing: Vw

V. 12, **kW.** 0.95, **B+ / B-** M8, **L.** 241.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 43.25, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113850 Starter

Replacing: 0001416059; 4772059; im559; 139; AZK5467

Servicing: Volvo Bm

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Oil sealed.



113855 Starter

Replacing: 0001416010; 0031516401

Servicing: Mercedes-Benz; Man; Saab

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M12, **L.** 381.00, **No. of mount. holes** 3 (0), **A.** 91.80, **B.** 47.00, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



113859 Starter

Replacing: 0001330008; 1447912; 571468

Servicing: Scania

V. 24, **kW.** 6.0, **B-** M6, **B+ / B-** M10, **L.** 358.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 49.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113891 Starter

Replacing: 0001241001; 1447911; 571467

Servicing: Scania

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 119.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.20, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

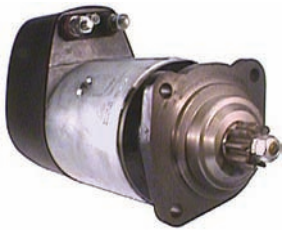


113900 Starter

Replacing: F000AL0115; RE508922; 6004aa3014; SE501844;

V. 12, **kW.** 2.2/2.5, **B+ / B-** M8, **L.** 239.50, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Miscellaneous



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110592 Starter

Replacing: im609; 0001410007; -17; -18; -34; 0001417009; 1105179; 22705; R22.09; im342

Servicing: Mercedes-Benz; Fortschritt

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 420.00, **No. of mount. holes** 0 (0), **A.** 55.20, **B.** 37.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Bronze, **Gear** DD



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113608 Starter

Replacing: 1372005

Servicing: Mercedes-Benz; Kässbohrer

V. 24, **kW.** 6.2, **B+ / B-** M12, **L.** 380.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.25, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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110634 Starter

Replacing: 390838; 391423; 392749; 394805; 497595; sm01965; smo1965; 497594; 693054; am37352; am39137; am122337

Servicing: Briggs & Stratton

V. 12, **kW.** 0.65, **B+ / B-** 1/4" UNC, **L.** 170.00, **No. of mount. holes** 3 (0), **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110635 Starter

Replacing: 393017; 394808; 497596; 394674; am38984; am39287; 435307; LG497596

Servicing: Briggs & Stratton

V. 12, **kW.** 0.5, **B+ / B-** M6, **L.** 169.00, **No. of mount. holes** 2 (0), **B.** 15.60, **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

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111804 Starter

Replacing: 391178; 394807; 396306

Servicing: Toro

V. 12, **kW.** 0.6, **B+ / B-** 1/4" UNC, **L.** 182.00, **No. of mount. holes** 2 (0), **B.** 50.00, **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112242 Starter

Replacing: 498148; 495100; 399928

Servicing: Briggs & Stratton

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 182.00, **No. of mount. holes** 2 (0), **B.** 10.00, **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112563 Starter

Replacing: 490420; 497401; 494148; -98; 399160; 494990; -490; 499529; 691262; 393499; 394943; 399169; am39285;

Servicing: Briggs & Stratton

V. 12, **kW.** 0.8, **B+ / B-** 1/4" UNC, **L.** 182.00, **No. of mount. holes** 2 (0), **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113539 Starter

Replacing: 691564; 808106; 693469; m143512

Servicing: John Deere; Briggs & Stratton

V. 12, **B+ / B-** M8, **L.** 185.70, **No. of mount. holes** 2 (0), **No. of teeth** 15, **Rotation** ACR, **Drive type** Bronze, **Gear** DD, **Clutch type** Dry

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113853 Starter

Replacing: 693551

Servicing: John Deere; Cub Cadet; Briggs & Stratton

V. 12, **B+ / B-** 1/4" UNC, **L.** 170.00, **No. of mount. holes** 3 (0), **No. of teeth** 14, **Rotation** ACR, **Drive type** Bronze, **Gear** PMDD



110205 Starter

Replacing: im380; -641; 0001411008; -12; 0001417041; 9000084019; -24; 2311210; 19024075; 08280; 81460046; 46593

Servicing: Volvo

V. 24, **kW.** 6.5, **B+ / B-** M12, **L.** 403.50, **No. of mount. holes** 3 (0), **A.** 90.50, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110206 Starter

Replacing: 002/511; -601; -608; -611; -702; -801; -808; -809; -901; -904; -906; -909; im310; -502; -523; 000141

Servicing: Mercedes-Benz; Ford; Man; Neoplan; Kässbohrer; Claas; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 92.25, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110207 Starter

Replacing: im16; im326; -505; 0001402057; 0001410046; 0001414019; 0001415013; 0001416005; -7; 1327a600; -1; 299

Servicing: Volvo; Volvo Bm

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 386.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110208 Starter

Replacing: im325; -50; -508; -509; -521; 0001402053; 0001410044; 0001411016; 0001414008; 0001415004; -16; 00014

Servicing: Mercedes-Benz; Steyr; Volvo; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110210 Starter

Replacing: 001/504; -6; -7; -706; -905; -911; im360; -510; -601; -801; 0001410024; 0001411009; 0001417001; -51;

Servicing: Mercedes-Benz; Man; Neoplan; Kässbohrer; Ssangyong; Fiat-Allis; Mitsubishi

V. 24, **kW.** 6.0, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 91.75, **B.** 48.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110211 Starter

Replacing: im371; -647; 0001410005; 0001411013; 0001417047; 19024079; 0150000; R22.15; 571461; 349579; 860544;

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110214 Starter

Replacing: im330; -643; 0001410037; 0001415008; 0001417043; 0001501020; -9; -33; -35; 2998006; 19024077; r20.28

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 37.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



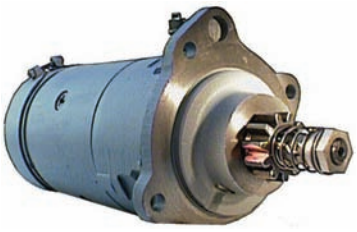
110454 Starter

Replacing: 0001359082; -110; 0001367055; 859536; 1320183; -830; 1320d183; 1320f183; 1320g183; 1320h183; 1327060

Servicing: Ford

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 371.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Oil sealed.



110493 Starter

Replacing: 1320621; 1320f621; 1320g621; ca4512-62; ca45f12-62; ca45g12-62; z1320f621; ca45d12-62; 870607

Servicing: Ursus

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 361.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110518 Starter

Replacing: 0001360063; 0001368020; 859542; 2998201; 19024232; -56; 11430; 42498212; 4706008; 4716026; -62; 4737

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110523 Starter

Replacing: 0001360012; -4; -35; 0001368001; -7; 859539; 19024226; -34; -813; 11580; r10.08; 11.130.075; -141; -

Servicing: Iveco; Case; Abg; Ahlmann; Payloader; Compair; Khd

V. 24, **kW.** 4.8, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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110524 Starter

Replacing: 0001360022; -34; -37; -52; -65; 0001368022; -4; -55; -62; -300; -307; -309; 9000083065; 9000143601;

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110527 Starter

Replacing: 0001360010; -7; -38; -39; -57; 0001368002; -10; -301; 859535; 1321780; 1321f780; -904; 2996101; 2998

Servicing: Scania; Steyr

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110535 Starter

Replacing: im328; -536; 0001410111; 0001416036; 19024035; 81466036; 22620; 6210000; R23.21; 860655; C9JF11350A;

Servicing: Iveco

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110538 Starter

Replacing: im409; 0001401023; -60; 0001418009; bng4/12cr238; 19024005; 860542

Servicing: Volvo Penta

V. 12, **kW.** 3.6, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110582 Starter

Replacing: im511; 0001410106; 0001415017; 0001416011; -52; 19024018; -46; 22608; 4784745; -7; 42498148; 10825;

Servicing: Iveco; Citroen

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110590 Starter

Replacing: lns2830; 10465049; -50; 1107514; -39; -872; 1109192; -253; -261; -263; 1113281; -2; 1998330; -5; -42

Servicing: Perkins; Bobcat

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 27MT, 28MT. Oil sealed.



110602 Starter

Replacing: lns2820; 10465058; 10479613; 1107588; 1108692; 1113273; 1998339; oms123; 110326; 111038; 0-23000-184

Servicing: Perkins; Bobcat; Clark

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 28MT. Oil sealed.



110721 Starter

Replacing: 851062; 858441; ms1/100; ms1a/12; ms1/400a; MS1-400A

Servicing: Erf; Foden; Ldv International

V. 24, **kW.** 7.1, **B+ / B-** M12, **L.** 483.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.55, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110980 Starter

Replacing: im561; 0001416061; 19024048; 477049; 5003312; 6340000; R23.34; 8192965; 860512; 9125500

Servicing: Volvo

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



110981 Starter

Replacing: im562; 0001416062; -7; 19024049; -106; 11.139.025; azk5184; 81366062; 81466062; 860509; 365211

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 109.85, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111000 Starter

Replacing: 851122; -339; ms1a/20; -5; 0r2187; -90; 0r5209; 1l8174; 3t2646; -9; -50; -54; 3t3152; -3; 4n0957; 4n

Servicing: Fiat-Allis; Cummins; Caterpillar; Clark

V. 24, **kW.** 7.0, **B+ / B-** M12, **L.** 497.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.25, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 42MT. Oil sealed.



111041 Starter

Replacing: lns2810; 10465045; -6; -406; 1107580; 1109550; 1113275; -8; 1998336; -83; -87; -481; 0-23000-1830; -

Servicing: Fiat-Allis; Hyster; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 46.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry
Replacing: 22MT, 27MT, 28MT.



111097 Starter

Replacing: 859422; -32; lns4524/7; 1321916; 1321f916; 1321g916; 1327470; -1; -80; -620; -621; 1327a470; -1; -62

Servicing: Komatsu; Perkins

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 374.50, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.35, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



111100 Starter

Replacing: 9000141015; -104; 5426014; 5433495; 5490308; 5491448; 75491723; 75492566; 95494247; 95580161; 6202;

Servicing: Citroen

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 207.75, **No. of mount. holes** 2 (0), **A.** 65.60, **B.** 19.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111286 Starter

Replacing: 856766; gr45/2; lns4524/24; -6; lns4524/6; 859411; -500; -839; -970; ms4/401

Servicing: Erf; Foden; Seddon

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 375.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 48.00, **No. of teeth** 10, 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



111399 Starter

Replacing: 0001368083; 859022; -506; lns4524/9; 19024262; 1201327

Servicing: Daf

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 352.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 38.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111640 Starter

Replacing: 0001368081; b001816006; 11.130.537; 81368001; 859538; azj3160; 11.131.143; -77; azj3387; -93; 000136

Servicing: Man

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 28.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111910 Starter

Replacing: 0001371006; 1357709; 860305z; 860305; is9148; 11.139.164; azj3450; 0001371007

Servicing: Scania; Vw

V. 24, **kW.** 6.7, **B+ / B-** M12, **L.** 429.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111982 Starter

Replacing: 0001231002; drx67095; -149; 10479626; 0041516201; 0041518401; 0051512001; -201; 10461470; A004151620

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 317.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 49.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111983 Starter

Replacing: im663; 0001417063; -7; 19024084; 1556955; 1638187; 1676800; -16; 0001420012; -5; 860517

Servicing: Volvo

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M10, **L.** 406.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



112055 Starter

Replacing: 0001364400; 0001368313; 0001231013; 860304; 0001231041

Servicing: Daf

V. 24, **kW.** 5.2, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 109.90, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112116 Starter

Replacing: im665; 0001417065; -75; 19024085; 11.139.107; azk5456; 81467065; 1547049; 3964839; 860511

Servicing: Volvo

V. 24, **kW.** 6.6, **B-** M12, **B+ / B-** M12, **L.** 407.00, , **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



112117 Starter

Replacing: im664; 0001417064; 4839041; 860513; 9125160

Servicing: Iveco; Citroen

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M12, **L.** 405.50, , **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 20.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



112118 Starter

Replacing: 0001411021; -7; 0001417007; 860514; 9125040

Servicing: Iveco; Isotta Fraschini

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112119 Starter

Replacing: im642; 0001417042; 19024076; 22718; 11.139.022; 81467042; -3; 349575; 571453; 860505; 9125110

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112267 Starter

Replacing: 0001367079; lns2800; 3909913; 10461285; 10465026; -43; -211; -365; 10479621; -4; 1113276; -92; -593;

Servicing: Ford; Cummins; Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 10, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet
Replacing: 28MT. Oil sealed.



112507 Starter

Replacing: im526; 0001414022; 0001416026; 19024026; 860520

Servicing: Volvo; Volvo Penta

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112656 Starter

Replacing: 859399; lns4524/5; 869399z; 860603; ms4/400; 860803

Servicing: Erf; Foden; Seddon; Daf

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 375.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 10, 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



113332 Starter

Replacing: ms3/51; 857663; ms3/503

Servicing: Erf; Seddon

V. 24, **kW.** 5.5, **B-** M12, **B+ / B-** M12, **L.** 436.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



113333 Starter

Replacing: 850277; -606; 851002; 852563; ms1; 850277; -935; 851004; -738; 852741; 854667; -70; 855236; -508; -6

Servicing: Seddon

V. 24, **kW.** 7.0, **B-** M12, **B+ / B-** M12, **L.** 483.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



113334 Starter

Replacing: 850615; 851360; -450; ms3; 850461; -531; -773; -996; -998; 851022; -291; OD166001; ms3/300a; ms3/502

Servicing: Perkins

V. 24, **kW.** 6.0, **B+ / B-** 1/2" UNC, **L.** 433.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



110340 Starter

Replacing: 0001211204; -5; -9; -10; -18; -19; -20; -47; -48; -59; 5133270; m3t80071; 63221304; -34; -437; d9e11

Servicing: Audi; Vw

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 229.90, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140018.



110205 Starter

Replacing: im380; -641; 0001411008; -12; 0001417041; 9000084019; -24; 2311210; 19024075; 08280; 81460046; 46593

Servicing: Volvo

V. 24, **kW.** 6.5, **B+ / B-** M12, **L.** 403.50, **No. of mount. holes** 3 (0), **A.** 90.50, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

Waterproof.



110206 Starter

Replacing: 002/511; -601; -608; -611; -702; -801; -808; -809; -901; -904; -906; -909; im310; -502; -523; 000141

Servicing: Mercedes-Benz; Ford; Man; Neoplan; Kässbohrer; Claas; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 92.25, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110207 Starter

Replacing: im16; im326; -505; 0001402057; 0001410046; 0001414019; 0001415013; 0001416005; -7; 1327a600; -1; 299

Servicing: Volvo; Volvo Bm

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 386.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110209 Starter

Replacing: im327; -543; 0001410067; 0001416043; 9000084008; 2998009; 11206; 22622; 6230000; R23.23; 0001410060;

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 387.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110210 Starter

Replacing: 001/504; -6; -7; -706; -905; -911; im360; -510; -601; -801; 0001410024; 0001411009; 0001417001; -51;

Servicing: Mercedes-Benz; Man; Neoplan; Kässbohrer; Ssangyong; Fiat-Allis; Mitsubishi

V. 24, **kW.** 6.0, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 91.75, **B.** 48.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

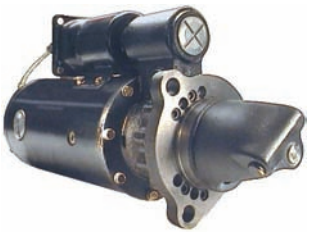


110214 Starter

Replacing: im330; -643; 0001410037; 0001415008; 0001417043; 0001501020; -9; -33; -35; 2998006; 19024077; r20.28

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 37.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110347 Starter

Replacing: 0001420002; -6; -8; -10; -11; 0r5213; 3l8205; 3t2780; -5; -7; 3t3778; 3t8947; -9; -54; -67; 4n0959;

Servicing: Fiat-Allis; Caterpillar; Iveco; Clark

V. 24, **kW.** 7.5, **B+ / B-** M12, **L.** 522.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 50MT. Oil sealed.



110449 Starter

Replacing: 1320015; -23; -27; -29; -510; -513; -515; 1320f022; -7; -515; 1320g027; 1320h027; 1327010; 1327a010;

Servicing: Massey Ferguson; Caterpillar; Dronningborg; Hyster; Perkins

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 370.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 48.75, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110450 Starter

Replacing: 1320035; -6; 1320f035; -6; 1320g035; -6; 1327020; 1327a020; -1; ca4512-3; ca45d12-3; ca45f12-3; ca45

Servicing: Perkins

V. 12, **kW.** 3.6, **B-** M8, **B+ / B-** M8, **L.** 370.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 47.50, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



110452 Starter

Replacing: 1320114; -582; -906; 1320f114; -906; 1320g114; -906; 1320h114; 1327a120; -1; 132d906; 132f906; 132g9

Servicing: Perkins

V. 12, **kW.** 3.6, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 13, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



110453 Starter

Replacing: ca4512-y4; s11512-1x

Servicing: Ford; Perkins

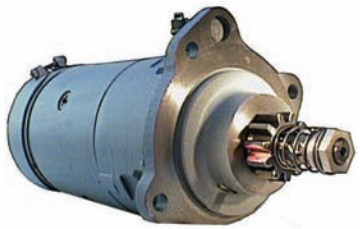


110454 Starter

Replacing: 0001359082; -110; 0001367055; 859536; 1320183; -830; 1320d183; 1320f183; 1320g183; 1320h183; 1327060

Servicing: Ford

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 371.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



110493 Starter

Replacing: 1320621; 1320f621; 1320g621; ca4512-62; ca45f12-62; ca45g12-62; z1320f621; ca45d12-62; 870607

Servicing: Ursus

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 361.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110518 Starter

Replacing: 0001360063; 0001368020; 859542; 2998201; 19024232; -56; 11430; 42498212; 4706008; 4716026; -62; 4737

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110524 Starter

Replacing: 0001360022; -34; -37; -52; -65; 0001368022; -4; -55; -62; -300; -307; -309; 9000083065; 9000143601;

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110525 Starter

Replacing: 0001359043; -84; 0001367034; -59; -300; -301; -303; 9000083028; -54; 9007044002; 2998000; 19024205;

Servicing: Mercedes-Benz; Claas

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110527 Starter

Replacing: 0001360010; -7; -38; -39; -57; 0001368002; -10; -301; 859535; 1321780; 1321f780; -904; 2996101; 2998

Servicing: Scania; Steyr

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110529 Starter

Replacing: 0001359021; -102; 0001367023; -8; 2998200; 19024230; 11370; r11.07; r11w; 4172113; 4699705; 4702248;

Servicing: Fiat; Fiat-Allis; Agrifull; Benfra; Iveco

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

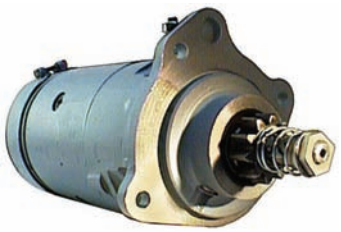


110531 Starter

Replacing: im340; -1; -540; -617; -636; 0001410001; -15; -16; -41; 0001417036; 2998007; 19024071; 10610; 001151

Servicing: Mercedes-Benz; Khd; Fiat-Allis; Gmeinder

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 0 (0), **A.** 76.50, **B.** 43.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110566 Starter

Replacing: 1321021; -2; -3; -511; -513; 1321f022; 1321g022; 1321h022; 1327410; 1327a410; -1; ca4524-2; ca45d24-

Servicing: Perkins

V. 24, **kW.** 5.2, **B+ / B-** M8, **L.** 371.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.75, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110998 Starter

Replacing: 0001368038; 1321182; -4; 1321f183; 1321g183; 1321h183; 1327490; 1327a490; -1; ca4524-18; ca45d24-18;

Servicing: Daf; Ford

V. 24, **kW.** 5.2, **B+ / B-** M8, **L.** 166.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111000 Starter

Replacing: 851122; -339; ms1a/20; -5; 0r2187; -90; 0r5209; 1l8174; 3t2646; -9; -50; -54; 3t3152; -3; 4n0957; 4n

Servicing: Fiat-Allis; Cummins; Caterpillar; Clark

V. 24, **kW.** 7.0, **B+ / B-** M12, **L.** 497.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.25, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 42MT. Oil sealed.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111024 Starter

Replacing: 1320702; 1320f720; 1320g720; 1320h720; 1327090; 1327a090; -1; ca4512-72; ca45d12-72; ca45f12-72; ca4

Servicing: Massey Ferguson; Lister; Perkins; Clark

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 370.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



111097 Starter

Replacing: 859422; -32; lns4524/7; 1321916; 1321f916; 1321g916; 1327470; -1; -80; -620; -621; 1327a470; -1; -62

Servicing: Komatsu; Perkins

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 374.50, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.35, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



111636 Starter

Replacing: 0001364402; 9000143501; 2998003; 0001364104; -2

Servicing: Daf

V. 24, **kW.** 5.0, **B+ / B-** M10, **L.** 371.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 39.70, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111638 Starter

Replacing: 0001360049; -61; 0001368017; -63; -74; 2998002; 128000-7600; -1; -2; -3; 1676822; 420760; 465604; 46

Servicing: Volvo

V. 24, **kW.** 4.0, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.70, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111798 Starter

Replacing: s11424-18; 1327570; -1; 1327a570; -1; s115a24-18

Servicing: Ford

V. 24, **kW.** 7.8, **B+ / B-** M8, **L.** 372.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112084 Starter

Replacing: 1320552; 1320f552; 1320g552; 1327a030; -1; ca45d12-55m; ca45f12-55m; ca45g12-124m; ca45g12-55m; s115

Servicing: Ford

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 370.50, **No. of mount. holes** 3 (0), **A.** 92.10, **B.** 20.60, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry
Oil sealed.



112085 Starter

Replacing: 1321041; -112; -886; 1321f041; -112; -886; 1321g041; -112; -886; 1321h112; 1327a540; -1; ca4524-11m;

Servicing: Chevrolet; Pontiac

V. 24, **kW.** 5.2, **B+ / B-** M8, **L.** 369.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 50.30, **No. of teeth** 13, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



112090 Starter

Replacing: 1321d551; -2; 1321f551; 1321g551; -934; 1327a440; -1; ca45d24-55; ca45f24-55; ca45f24-55m; ca45g24-1

Servicing: Ford

V. 24, **kW.** 5.2, **B+ / B-** M8, **L.** 371.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.50, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



112091 Starter

Replacing: 1321d033; 1321f033; 1321g033; 1321h033; 1327a430; -1; ca45d24-3m; ca45f24-3m; ca45g24-3m; ca45h24-3m

Servicing: Perkins

V. 24, **kW.** 5.2, **B+ / B-** M8, **L.** 371.55, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



112107 Starter

Replacing: 1403010; s115hd24-2; 0041519501; A0041519501

Servicing: Mercedes-Benz

V. 24, **kW.** 7.8, **B+ / B-** M12, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD
w/ Overcrank protection



112158 Starter

Replacing: 1320d830; 1320f830; 1320g830; 1320h830; 1327070; 1327a070; -1; ca45d12-83; ca45f12-83; ca45g12-83; c

Servicing: Ford

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 379.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 25.50, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry
Oil sealed.



112180 Starter

Replacing: 1327580; -1; 1327a580; -1; s11524-19; s115a24-19

V. 24, **kW.** 5.2, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 49.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



112248 Starter

Replacing: 1320g934; 1320h934; 1327a080; -1; ca45g12-125m; ca45h12-125m; s115a12-11m

Servicing: Cummins

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 366.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.50, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry
Oil sealed.



112372 Starter

Replacing: 1321g936; 1327a500; -1; ca45g24-125m; s115a24-11m; ca45h24-125m; 1321h936; CA45F24-125M

Servicing: Cummins

V. 24, **kW.** 6.5, **B+ / B-** M8, **L.** 366.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112551 Starter

Replacing: 1327a661

V. 24, **kW.** 5.2, **B+ / B-** M10, **L.** 376.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112579 Starter

Replacing: 802208; 1327a141; s115a12-30m; ca45g12-121m

Servicing: Iveco

V. 12, **kW.** 6.5, **B+ / B-** M8, **L.** 370.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112655 Starter

Replacing: 1327040; 1327a040; -1; s115a12-5; s11512-5

Servicing: Bedford; Clark

V. 12, **kW.** 3.6, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



113453 Starter

Replacing: 1327A691; CA45G24-121M; ca45g24-12m; 1321g938; S115A24-30M; 1327a690; ca45f24-121; ca45g24-121

Servicing: Iveco

V. 24, **kW.** 6.5, **B+ / B-** M10, **L.** 370.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.80, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry
Oil sealed.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110222 Starter

Replacing: 3755250; 4091950; 4111860; 4145360; -568

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 298.00, **No. of mount. holes** 2 (0), **A.** 71.00, **B.** 24.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110223 Starter

Replacing: 2095150; 2098500; 2875560; 3656575; -650; 3755259; -900; 4091975

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.1, **B+ / B-** 5/16" UNC, **L.** 283.00, **No. of mount. holes** 2 (0), **A.** 71.40, **B.** 23.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110231 Starter

Replacing: 3231371; -2; 3238665; 5752791; D6FF11001AA; -ba; d8ff11001aa; -ba; 3131372; 10465081; -2; E1FF11001B

Servicing: Jeep; American Motors

V. 12, **B+ / B-** M6, **L.** 265.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 17.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"

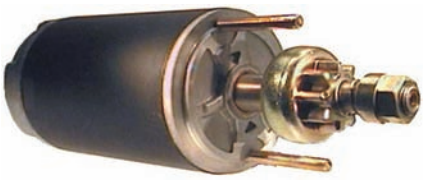


110509 Starter

Replacing: 3212235; 3229844; 3182972; c6ff11001; c6ff11001b; -d; c7ff11001b; c5ff11001d; d0ff11001b; 3182774

Servicing: American Motors; Jeep

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 265.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4"



110636 Starter

Replacing: 480955; 616955; 50-616955-1; mgl4002; -13; -14; mkw4005; sm44120; 50-819085; 4412040M030SM; 5273440M

Servicing: Chrysler

V. 12, **kW.** 0.6, **B+ / B-** 1/4" UNC, **L.** 262.00, **No. of mount. holes** 2 (2), **A.** 63.30, **B.** 64.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



111259 Starter

Replacing: 4609320; 1108511; 1109430; -568; 1998305

Servicing: Case

V. 12, **kW.** 1.3, **B+ / B-** M10, **L.** 305.00, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 10MT.



111349 Starter

Replacing: 33002709; 56041012; 56041012ab; 56041014; m1t74281; m1t74281zc; m1t74283; m1t74283zc; -6zc; -7zc; m1

Servicing: Jeep; Chrysler

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 5.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111396 Starter

Replacing: 0001107031; -49; 9007045009; 4557466; -8; 4793110; 9007045020; 9007145009; 4793210

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.50, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 8.30, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111425 Starter

Replacing: 0001108032; -45; -46; -66; -68; -69; -103; -104; -134; 4557209; 4671130; 5226444; 5233007; 128000-25

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 3 (2), **A.** 81.90, **B.** 8.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

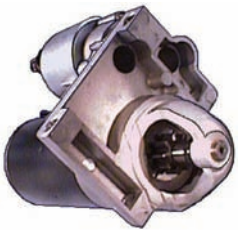


111456 Starter

Replacing: 0001108070; -105; -135; 0001110024; 4557284; -384; 5226948; 5227248; -548; 5234648; 128000-3500; 128

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 7.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111490 Starter

Replacing: 0001108031; -52; -56; -154; 8933004180; 8953002125; 56027350

Servicing: Jeep; Eagle

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 245.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111492 Starter

Replacing: 0001108123; 4557709; 4686045; -109; 5234509; 5334509; 128000-7140; -1; 128000-9380; 228000-0470; -1;

Servicing: Chrysler; Nissan; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.50, **No. of mount. holes** 3 (2), **A.** 81.00, **B.** 8.00, **No. of teeth** 9, 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111764 Starter

Replacing: 4379160; 5226844; 53005984; 128000-4960; 128000-5280; 128000-7810; 4349144; 128000-5270; 113100

Servicing: Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 240.50, **No. of mount. holes** 2 (0), **A.** 60.00, **B.** 23.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112301 Starter

Replacing: 56027904; 56041013; m1t79481; -2; 4796981

Servicing: Jeep; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.50, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 18.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112432 Starter

Replacing: 0001108160; 4686107

Servicing: Chrysler; Dodge; Chevrolet

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 264.50, **No. of mount. holes** 3 (2), **A.** 82.00, **B.** 8.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112816 Starter

Replacing: 0001107032; 4672108

Servicing: Chrysler; Dodge; Eagle; Mitsubishi

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 219.05, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 9.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112826 Starter

Replacing: sm56756; 50-822462; 50-8224621; 50-822462t1; 5675640-mo30sm; 5396; 5675640mo30sm; 5675620mo30sm

Servicing: Mercury

V. 12, **B+ / B-** M6, **L.** 231.00, **No. of mount. holes** 2 (2), **B.** 33.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112828 Starter

Replacing: sm11495; 46-0955; 51-4955; 50-514955; 50-514955-1; 1149540-M030SM; MDO4108; MDO4108A; 1149540MO30SM

Servicing: ; Chevrolet; Force; Chrysler

V. 12, **B+ / B-** M6, **L.** 203.70, **No. of mount. holes** 0 (0), **A.** 63.50, **B.** 42.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

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112845 Starter

Replacing: m1t77777; m1t77777zc; m1t77781; m1t77781zc; 4609011

Servicing: Chrysler; Dodge; Eagle; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 3 (3), **A.** 82.00, **B.** 8.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112846 Starter

Replacing: 4609058; m1t78581; m1t78581zc

Servicing: Dodge; Chrysler

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 3 (0), **A.** 81.90, **B.** 7.70, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113039 Starter

Replacing: 5213301; m3t10081; -881

Servicing: Dodge; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 82.30, **B.** 12.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113043 Starter

Replacing: 5234361; m1t74481; -2; M1T73581; 4609001

Servicing: Dodge; Eagle

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 3 (3), **A.** 82.00, **B.** 3.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113044 Starter

Replacing: m1t76081; 56004934; m1t76081zc; -2zc; m1t76082

Servicing: Jeep

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 215.10, **No. of mount. holes** 2 (0), **A.** 71.80, **B.** 23.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113047 Starter

Replacing: m0t83381; 56041013ac

Servicing: Jeep; Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (1), **A.** 71.70, **B.** 8.65, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113095 Starter

Replacing: 5213590; 5226742; 4439474; 5212190; 5213049; -645; 028000-7170; -1; -2; 0001208407; -13; 5213045; -4

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 79.00, **B.** 5.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113101 Starter

Replacing: 128000-4910; 4428221; 3604630rx; 3912084; 19011812; 323-546; 128000-4911

Servicing: Cummins; Dodge

V. 12, **kW.** 2.5, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 46.35, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



113105 Starter

Replacing: 4609010; 228000-0360; -1

Servicing: Chrysler; Dodge; Eagle

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 3 (0), **A.** 81.70, **B.** 8.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113114 Starter

Replacing: 4741012; 4746639; 3604684rx; 3921682; 228000-2290; -1; -2

Servicing: Cummins; Dodge

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 301.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



113115 Starter

Replacing: 4609703; 228000-3020; -1

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (1), **A.** 73.95, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113116 Starter

Replacing: 228000-3390; 560277002; 228000-3391; -2; -3; 56027702

Servicing: Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (0), **A.** 72.40, **B.** 23.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113117 Starter

Replacing: 4686104; 228000-3030; -2

Servicing: Dodge; Plymouth; Chrysler

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (3), **A.** 81.70, **B.** 8.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113120 Starter

Replacing: 56027702ab; -c; 228000-7420; -1

Servicing: Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (0), **A.** 72.50, **B.** 23.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113241 Starter

Replacing: 228000-3010; -1; -2; 4686111; 228000-3013

Servicing: Dodge; Plymouth; Chrysler

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 182.00, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 9.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113242 Starter

Replacing: 228000-6110; 4609346; 4609346ab; 228000-6112; -3

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 237.50, **No. of mount. holes** 2 (2), **A.** 81.60, **B.** 8.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113287 Starter

Replacing: 4609150; m1t78681; m1t78681zc; m1t78691

Servicing: Chrysler; Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 239.50, **No. of mount. holes** 3 (3), **A.** 81.80, **B.** 8.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113587 Starter

Replacing: 9007045018; 4793804; 6187

Servicing: Chrysler; Plymouth; Dodge

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 207.50, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 8.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Abbrevations, see first pages.
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113613 Starter

Replacing: 0001107415; 5033133AA; -b; -c; 6004aa0003; -8; 4793493; 6927; 0001107432; 05033556aa; 5033556aa; 600

Servicing: Dodge; Plymouth

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.50, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 9.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



113618 Starter

Replacing: 56041207ad; m0t91182zc; 56041207ac; m0t91181zc; 56041207; 56041207ab; 6864; m1t84981zc; M1T84981

Servicing: Jeep

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 215.00, **No. of mount. holes** 2 (1), **A.** 64.90, **B.** 5.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113619 Starter

Replacing: 56027703ac; 6846; 228000-7430; -2

Servicing: Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 217.00, **No. of mount. holes** 2 (0), **A.** 88.70, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113642 Starter

Replacing: 56041136ab; 6942; m1t86782zc; 56041641ac; -d; m1t86883zc; -4zc

Servicing: Jeep

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 2 (2), **A.** 65.00, **B.** 4.85, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



110145 Starter

Replacing: s108-63; -89; s114-140; -1; -9; -210; -211; -227; -245; -269; -305; -363; 31200-634-005; -670; -671;

Servicing: Honda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 248.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 35.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110146 Starter

Replacing: 31200-657-004; -10; -671; 31200-671-671; 31200-689-662; 31200-pa0-671; 31200-pa4-912; 31200-pa5-921;

Servicing: Honda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 203.50, **No. of mount. holes** 3 (1), **A.** 75.00, **B.** 31.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110148 Starter

Replacing: m3t10072; mea01-1; mea12-1; 028000-4090; 0426-18-400

Servicing: Mazda; Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 18.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110149 Starter

Replacing: 9000692069; FE50-18-400E; mc109039; m3t24481; -2; m3t24482a; m3t24483; -5; -6; m3t24486a; m3t24487;

Servicing: Mazda; Mercury

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 198.00, **No. of mount. holes** 3 (2), **A.** 74.00, **B.** 15.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110152 Starter

Replacing: 028000-6800; -2; -3; 028000-0370; 028000-1730; -40; 028000-2000; -1; -570; -571; -572; -660; -661; -

Servicing: Toyota

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 19.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110153 Starter

Replacing: 28100-13060-000; 028000-4030; -1; -2; -40; -41; -42; -50; -210; -600; -601; -650; -651; -680; -681;

Servicing: Toyota; Daihatsu; Subaru

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 209.50, **No. of mount. holes** 2 (2), **A.** 66.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110154 Starter

Replacing: 028000-0197; 028000-1010; -1; -2; -3; -80; -81; -82; -83; -970; -971; -972; -973; -974; -975; -976;

Servicing: Toyota; Daihatsu; Komatsu

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 252.00, **No. of mount. holes** 2 (0), **A.** 83.00, **B.** 32.50, **No. of teeth** 8,9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110158 Starter

Replacing: hsc107100; m2t44081; -681; m2t49881; m3t22581; -2; m3t25781; -2; -881; -882; m3t32581; -2; -3; -4; -

Servicing: Mitsubishi; Hyundai; Proton; Dodge; Eagle; Plymouth

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 233.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 18.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD

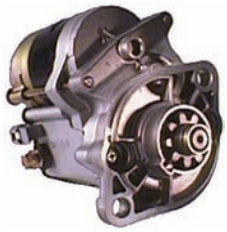


110159 Starter

Replacing: 028000-5170; -720; -750; -751; 028000-7290; 28100-87701; -2; -4; -6; -883

Servicing: Daihatsu

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 251.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110245 Starter

Replacing: 155-016-3011; 028000-8430; -1; -2; 128000-6841; 15501-63011; -0; -2; -4; 20513040; 028000-8434; 1280

Servicing: Skoda; Kubota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 196.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110246 Starter

Replacing: 19212-63011; -2; 19215-63011; -2; 028000-6140; 128000-4900; 228000-1060; -1; 25-35458-00; 25-35465-0

Servicing: Kubota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 190.00, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110247 Starter

Replacing: s114-249; -72; -672; 31200-676-600; -2; -3; -4; -5; 028000-6050; -720; -721

Servicing: Honda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 222.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110249 Starter

Replacing: s114-396; s114-396d; s114-566; -606; -614; 31200-p06-l03; 31200-pe0-003; -13; -15; -901; -902; 31200

Servicing: Rover; Honda; Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 209.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 34.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110252 Starter

Replacing: 028000-1372; 028000-0430; 028000-1370; 028000-2360; -1; -2; -3; -4; -80; -800; -801; 028000-3820; -1

Servicing: Wartburg; Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 19.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110253 Starter

Replacing: 028000-9680; -720; 128000-1610; 128000-2050; -60; 28100-15110; -30; -50; -60; -70; -80

Servicing: Toyota; Chevrolet; Geo

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110260 Starter

Replacing: lr160-12b; 028000-0510; 028000-2560; 028000-5900; 028000-7560; -1; 128000-1240; -1; 128000-8240; 281

Servicing: Toyota; Vw

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 2 (0), **A.** 73.80, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110261 Starter

Replacing: 028000-7320; -1; -80; -90; -91; -92; 028000-9710; -1; 28100-27030; -50; -60

Servicing: Toyota; Daihatsu

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 195.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110262 Starter

Replacing: 028000-6520; 028000-7760; 028000-9080; 42991-7000; -700; 31100-78480

Servicing: Subaru; Suzuki

V. 12, **kW.** 0.8, **B+ / B-** M8, , **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 34.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110289 Starter

Replacing: 028000-5330; -1; -2; -3; -4; -5; 028000-6790; 185086280; -370; -540; 28100-15010; -1; -50; 028000-91

Servicing: Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 232.70, **No. of mount. holes** 2 (2), **A.** 73.95, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110290 Starter

Replacing: 028000-8050; 28100-15070-000; 28100-15070

Servicing: Toyota; Daihatsu; Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 2 (2), **A.** 73.95, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110294 Starter

Replacing: 028000-2160; -1; -4; -220; -970; 028000-6330; 82991-6100; 82991-8600; 31100-78010

Servicing: Suzuki

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 34.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110295 Starter

Replacing: m1t70381; m1t70381a; m1t70387; 028000-7600; 028000-8580; -1; 128000-1220; 23300-aa010; -40; -180; 42

Servicing: Subaru

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 199.60, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 33.00, **No. of teeth** 8, 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



110296 Starter

Replacing: 028000-4240; -1; -3; -320; -322; -323; -540; -541; -543; -900; -940; -950; 028000-5100; 028000-6930;

Servicing: Daihatsu; Toyota

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 2 (2), **A.** 55.00, **B.** 19.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110297 Starter

Replacing: s114-340; -1; -50; -51; 31200-pa5-004; -911; -912; -913; 31200-pa6-005; 31200-pc0-004; -15; 31200-pc

Servicing: Triumph; Honda

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 3 (1), **A.** 75.00, **B.** 32.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110298 Starter

Replacing: 28100-87708-000; 28100-87722-000; 28100-87734-000; 028000-9490; 128000-4530; -1; -2; 128000-5650; 23

Servicing: Daihatsu

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 22.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110312 Starter

Replacing: 31200-p01-003; 31200-pe0-461; -661; -662; -663; -664; -665; 31200-pg6-004; -34; -663; -673; 31200-pm

Servicing: Honda; Rover

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 178.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 32.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110317 Starter

Replacing: 8941160641; 8941313560; -2; 8942160641; -2; 8944121420; -1; 028000-7580; -1; 128000-1070; 128000-243

Servicing: Isuzu; Bedford; Vauxhall

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 233.00, **No. of mount. holes** 2 (0), **A.** 88.40, **B.** 20.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110322 Starter

Replacing: 31200-pa2-663; 31200-pb2-003; 31200-pc6-003; 31200-pc6-0033; 31200-pc6-661; 31200-pd2-003; 31200-pd2

Servicing: Honda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 216.29, **No. of mount. holes** 3 (0), **A.** 75.00, **B.** 32.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110323 Starter

Replacing: 128000-1620; -1; 128000-8530; -1; 28100-10030; 28100-11010

Servicing: Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 5.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110336 Starter

Replacing: 0001208219; -513; -521; -706; -715; -718; 0001211049; -206; -228; -513; -533; -989; b001111025; 1539

Servicing: Ford; Mercury; Triumph

V. 12, **kW.** 0.75, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110356 Starter

Replacing: 16661-63013; 19616-63011; 128000-2130; -1; 228000-1050

Servicing: Kubota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.20, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110389 Starter

Replacing: R201-18-400; R201-18-400B; RF01-18-400; RFL1-18-400; mg122404; m2t92071; m2t92071a; 128000-0040; 228

Servicing: Mazda; Suzuki; Ford; Asia Motors; Kia

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 3 (2), **A.** 88.00, **B.** 6.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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110395 Starter

Replacing: 028000-7980; -1; 028000-9690; 28100-15140; -060

Servicing: Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 6.15, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110396 Starter

Replacing: 028000-1623; -940; -941; 028000-2250; -61; -62; -63; -330; 028000-3090; -100; -600; -601; -602; -603

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110397 Starter

Replacing: 28100-72010-000; 028000-9260; -1; -381; 128000-0220; 128000-1520; 128000-3340; 128000-7090; 28100-72

Servicing: Vw; Toyota; Daihatsu

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 181.00, **No. of mount. holes** 2 (2), **A.** 73.95, **B.** 18.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



110399 Starter

Replacing: 028000-6000; -1; -360; -361; -362; 128000-0101; -2; 28100-15020; 128000-0100

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110400 Starter

Replacing: 28100-87710-000; 28100-87713-000; 28100-87721-000; 028000-9510; 128000-3810; 128000-2210

Servicing: Daihatsu

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.40, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



110402 Starter

Replacing: 028000-3730; 028000-6510; -1; 028000-8730; 028000-9090; -1; 128000-1861; -2; -3; 128000-3641; 128000

Servicing: Suzuki; Bedford

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 2 (0), **A.** 65.00, **B.** 26.00, **No. of teeth** 8, 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110404 Starter

Replacing: 028000-8060; 028000-9070; 28100-63020; -1

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 8.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110411 Starter

Replacing: 028000-4000; -1; -20; -21; -22; -23; -24; -510; -512; 028000-5821; -2; -992; 028000-7550; -70; 02800

Servicing: Toyota; Vw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 189.30, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110421 Starter

Replacing: 888919; 160-976-1361; 15231-63010; -1; -2; -3; -4; -5; -6; 16225-63013; 19837-63011; m3t29681; m3t33

Servicing: Suzuki; Daihatsu; Kubota; Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110436 Starter

Replacing: 0r5208; 2n3538; 3t2655; -7; -9; 7n6503; 7t1081; 7t2265; 7t9254; 8c356; 8c3648; 8l5881; 9l3597; 9w005

Servicing: Various; Mack; Caterpillar; Clark

V. 12, **kW.** 7.5, **B+ / B-** 1/2" UNC, **L.** 506.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 42MT. Oil sealed.



110437 Starter

Replacing: 3t8210; 028000-8380

Servicing: Caterpillar

V. 12, **kW.** 1.4, **B+ / B-** M10, **L.** 227.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110444 Starter

Replacing: 26371; -400; 27431; 028000-2260; 26400d; -a; -b; 26371a; -d; -e; -f; 27431a; -b; les0020

Servicing: Ldv International

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 2 (0), **A.** 88.80, **B.** 23.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110446 Starter

Replacing: 028000-6280; 228000-1840; 11173-63011; 14938-63010; -1; -2

Servicing: Kubota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 19.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



110447 Starter

Replacing: 15504-63010; -1; -2; 15741-63010; -1; 16612-63011; 16695-63011; -2; 16871-63010; -1; 028000-8320; -1

Servicing: Kubota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 199.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



110473 Starter

Replacing: 28100-87601-000; 028000-6290; -1; 28100-47040

Servicing: Daihatsu

V. 12, **kW.** 2.5, **B+ / B-** M8, **L.** 296.00, **No. of mount. holes** 2 (2), **A.** 81.50, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110474 Starter

Replacing: 028000-5530; -620; -690; 028000-9330; -1; 128000-0530; 28100-56030; -60; -100; 028000-5531; -2

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 293.00, **No. of mount. holes** 2 (1), **A.** 105.00, **B.** 14.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110485 Starter

Replacing: s114-116; -46; -244; -257; s114-257a; -c; -d; -g; s114-349; s114-349a; -b; s114-483; ch12741; 028000

Servicing: Chrysler; Yanmar; Thermo King

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 21.00, **No. of teeth** 15, **Rotation** CR, **Drive type** Steel, **Gear** GR



110486 Starter

Replacing: 028000-5800; 128000-0720; -1; 45-1251; 45-904; 171022-77010; -1; 110425

Servicing: Thermo King

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (1), **A.** 55.00, **B.** 30.00, **No. of teeth** 15, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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110490 Starter

Replacing: 028000-5860; -1; -2; -3; 028000-6010; -1; -2; 28100-22060-71; 28100-22061-71; 028000-6013; les0140;

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 295.00, **No. of mount. holes** 2 (0), **A.** 90.00, **B.** 16.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110494 Starter

Replacing: s13-84; s13-84b; 5811000860; 8941492490; 028000-5050; -60; 45-1229; -85; 128170-77201; oms132; 11093

Servicing: Thermo King

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (2), **A.** 95.00, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110507 Starter

Replacing: 028000-5300; 28100-77090; 028000-5301

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 299.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 56.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110573 Starter

Replacing: s12-58; s13-120a; -b; s13-75; -82; s13-82a; -b; 5811210140; 8944532120; 028000-6440; 128000-2880; 89

Servicing: Isuzu; Hyster; Daewoo

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 21.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110580 Starter

Replacing: s25-103; 1811001410; -891; 5811000180; -252; 5811001180; 028000-6200; 0-21000-3291; -600; -650; -660

Servicing: Isuzu

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 358.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110581 Starter

Replacing: 028000-5890; -1; 028000-7240; -1; -2; -810; 28100-31625-71; 28100-47090; -1; 028000-7811

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 2 (0), **A.** 104.85, **B.** 16.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110583 Starter

Replacing: 028000-7220; -1; -2; -30; -31; 28100-47080; -20; -70

Servicing: Toyota

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 290.00, **No. of mount. holes** 2 (0), **A.** 105.00, **B.** 16.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110589 Starter

Replacing: 128000-4390; -1; 1202146

Servicing: Opel; Vauxhall; Bedford

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 232.50, **No. of mount. holes** 2 (0), **A.** 77.85, **B.** 23.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110626 Starter

Replacing: 3t5649; 028000-8230; 2200071-47

Servicing: Caterpillar

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 228.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 20.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

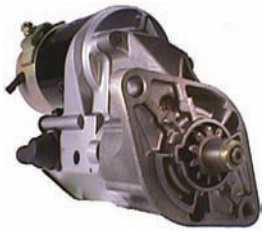


110627 Starter

Replacing: r39341; 028000-5880; -1; -2; -3; -4; 35259620

Servicing: Case; Ford

V. 12, **kW.** 2.5, **B+ / B-** M8, **L.** 291.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.60, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



110708 Starter

Replacing: 028000-5581; 028000-6870; -80; -90; -91; -92; -93; -910; 028000-7660; 028000-8070; -1; -2; 128000-05

Servicing: Vw; Toyota

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.50, **No. of mount. holes** 2 (1), **A.** 82.45, **B.** 15.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110709 Starter

Replacing: 128000-1440; -1; 28100-10040

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 197.25, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 5.30, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110711 Starter

Replacing: 8943444721; 8943601132; -321; 8944410870; 8944479540; 8944729540; -50; 8944807910; 8970327870; 89706

Servicing: Isuzu; Geo; Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 194.50, **No. of mount. holes** 2 (0), **A.** 78.00, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110712 Starter

Replacing: 128000-5700; -10; 28100-16080

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110713 Starter

Replacing: 128000-4420; 128000-5780; -1; 128000-8350; -60; -500; 228000-0311; 228000-1710; 28100-01030; 28100-1

Servicing: Toyota; Geo

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110720 Starter

Replacing: 155-216-3011; 15401-63010; -1; -2; 15461-63010; -1; -2; -3; -5; 15511-63010; -1; 15521-63010; -1; -2

Servicing: Kubota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110831 Starter

Replacing: 0001208220; -514; -519; 0001211237; -9; -515; 71bb11000e2a; -b; 73bb11000b2a; 82gb11000ba; 83bb11000

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 31.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110934 Starter

Replacing: 128000-0570; 128000-2280; meo005a; 45-1170

Servicing: Thermo King; Carrier Transicold

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 2 (1), **A.** 82.45, **B.** 22.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110938 Starter

Replacing: 19202-63011; 19821-63011; 028000-7830; 128000-0140; -1

Servicing: Carrier Transicold

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 26.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110940 Starter

Replacing: 15601-63010; -1; -2; 15621-63010; -1; -2; -4; 17381-63012; -4; 19013-63011; -2; 70000-73490; 028000-

Servicing: Kubota; Carrier Transicold

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 26.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



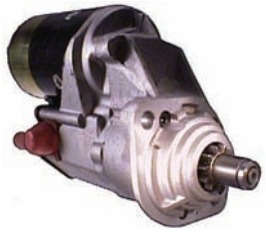
110941 Starter

Replacing: 6t7001; 028000-0960; 128000-1060; -1; -2; les0135

Servicing: Caterpillar

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 301.85, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 24.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Oil sealed.



110942 Starter

Replacing: re19275; 028000-8400; -1; -3; -4; 228000-6470; -1; ty24438; re68470; 2355695; 6632415; re41799; re51

Servicing: Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 295.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 35.50, **No. of teeth** 11, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Oil sealed



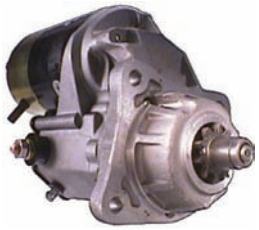
110944 Starter

Replacing: 3e5381; 8c4774; 9w3748; 128000-5730; -1; -2; -3

Servicing: Caterpillar

V. 24, **kW.** 5.5, **B+ / B-** M12, **L.** 322.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 47.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Oil sealed



110961 Starter

Replacing: 3e0079; 7c2264; 8t4618; 8t8619; 128000-4080; -1; -2; -3; -720; 128000-9610

Servicing: Audi; Caterpillar

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 292.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

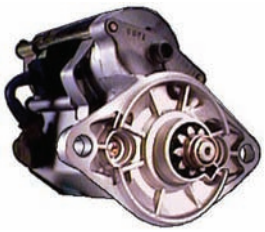


110962 Starter

Replacing: 3e5127; 3t8208; 028000-9830; -1; 128000-7030; -1; 110963

Servicing: Caterpillar

V. 12, **kW.** 2.0, **B+ / B-** M10, **L.** 228.00, **No. of mount. holes** 3 (0), **A.** 73.90, **B.** 19.10, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110979 Starter

Replacing: 8941566710; 8941723260; 8943446930; 8943718330; 8944692460; 8947183310; 128000-1900; -1; 128000-2040

Servicing: Isuzu; Vauxhall; Opel; Honda

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 88.85, **B.** 22.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111006 Starter

Replacing: 128000-1180; -1

Servicing: Rover

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 234.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 39.80, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111021 Starter

Replacing: 16611-63012; -3; 19269-63011; -2; -3; 128000-0050; 128000-9050; -1; 228000-0990; -1; 228000-1530; -1

Servicing: Kubota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 209.50, **No. of mount. holes** 2 (0), **A.** 65.95, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111022 Starter

Replacing: 028000-6960; -1; -2; -70; -80; 128000-6960; -1; -2; -80

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 11.75, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111027 Starter

Replacing: 3e5129; 6t7002; 128000-0590; -1

Servicing: Caterpillar

V. 12, **kW.** 1.4, **B+ / B-** M10, **L.** 211.00, **No. of mount. holes** 3 (0), **A.** 74.00, **B.** 10.35, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111028 Starter

Replacing: 3e5130; 6t7003; 128000-1040; -1

Servicing: Caterpillar

V. 12, **kW.** 2.0, **B+ / B-** M10, **L.** 239.50, **No. of mount. holes** 3 (0), **A.** 74.00, **B.** 10.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111030 Starter

Replacing: 0001108020; -37; -39; -57; -83; -110; -132; -155; b001111475; 1008838; 6157877; 7085852; 87bb11000jb

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 3 (0), **A.** 76.20, **B.** 14.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111053 Starter

Replacing: 0001211227; -32; -512; -535; 6029039; 77fb11000ba; 79fb11000ac; 81ab11000aa; -b; -db; -ea; -eb; -fa;

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 271.50, **No. of mount. holes** 3 (3), **A.** 74.00, **B.** 0.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111087 Starter

Replacing: 128000-1150; -1; -2; 119620-77011; am100807; -9

Servicing: John Deere; Yanmar

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 199.45, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111088 Starter

Replacing: 28100-87526-000; 28100-87548-000; 028000-9470; 128000-3621; -62; 228000-6430; 28100-87510; -7

Servicing: Daihatsu; Piaggio

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 209.80, **No. of mount. holes** 2 (0), **A.** 64.60, **B.** 30.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111131 Starter

Replacing: 0001112012; -6; -33; -37; 0001113003; -5; -9; 0001114014; -20; 9000333118; -9; 6157876; 6816676; 85a

Servicing: Ford; Austin; Rover; Mazda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 208.75, **No. of mount. holes** 3 (3), **A.** 76.15, **B.** 13.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111182 Starter

Replacing: s114-418; -9; s114-419a; s114-424; s114-424a; s114-556; s114-556a; s114-557; s114-557a; m3t40471; m3

Servicing: Subaru

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 213.75, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 39.80, **No. of teeth** 8, 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111189 Starter

Replacing: 128000-8130; 28100-23800-71

Servicing: Toyota; Komatsu

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 231.50, **No. of mount. holes** 2 (0), **A.** 73.90, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

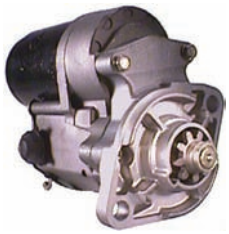


111196 Starter

Replacing: 15221-63014; -5; -6; 15435-63012; 15707-63011; 028000-7480; -1; 028000-3360; -1; 15221-63017; -0; mg

Servicing: Kubota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 231.35, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 24.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111197 Starter

Replacing: 15425-63010; -1; -2; -3; -4; 028000-9030; -1; -2; 228000-0691; 228000-4590; 15425-63016; 16652-63012

Servicing: Kubota

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 232.40, **No. of mount. holes** 2 (0), **A.** 82.55, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111224 Starter

Replacing: 3e1864; 7n0923; 9g6941; 10461039; -303; 1113402; -640; -641; -644; -650; -651; -653; -656; -672; -67

Servicing: John Deere

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 402.50, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 47.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: 37MT. Oil sealed.



111262 Starter

Replacing: 028000-5560; 28100-46030; 028000-5561; -00; 28100-47050

Servicing: Daihatsu; Toyota

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 288.00, **No. of mount. holes** 2 (0), **A.** 82.20, **B.** 26.45, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111299 Starter

Replacing: 16661-63012; -3; 228000-0661; -0; -2; -3; -4

Servicing: Carrier Transicold

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 187.50, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 24.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111310 Starter

Replacing: 26925159a; 228000-4640; m0t84781; m2t30381; m2t33781; -5; m2t41381; -881; -885; m2t46081; m3t33585;

Servicing: Suzuki; Subaru; Chevrolet; Geo; Pontiac

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 190.50, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 7.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111385 Starter

Replacing: 028000-9220; -1; 128000-1540; -1; 128000-4030; -1; 31000-85010; 31100-79620; -1; -8; 31100-85010; -2

Servicing: Suzuki; Bedford

V. 12, **kW.** 0.6, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 64.85, **B.** 27.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111386 Starter

Replacing: 8941233870; 28100-64280; 028000-8370; -1; 028000-9670; 128000-0560; 228000-0450; 228000-2980; 128000

Servicing: Toyota

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 230.50, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 3.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111387 Starter

Replacing: 028000-7307; -70; -72; -73; 028000-8760; -1; -2; 028000-9592; 128000-0360; 128000-7350; -3; 128000-9

Servicing: Vw; Toyota; Renault V.i.

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 232.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 15.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111401 Starter

Replacing: 128000-1570; -1; -4; 128000-6170; 128000-7280; -1; -2; -3; 228000-0270; 228000-3080; 28100-56220; -1

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 298.00, **No. of mount. holes** 2 (2), **A.** 105.00, **B.** 14.25, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

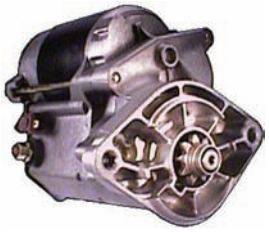


111425 Starter

Replacing: 0001108032; -45; -46; -66; -68; -69; -103; -104; -134; 4557209; 4671130; 5226444; 5233007; 128000-25

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 3 (2), **A.** 81.90, **B.** 8.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111440 Starter

Replacing: 028000-8620; 28100-63040

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 209.70, **No. of mount. holes** 2 (2), **A.** 73.85, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

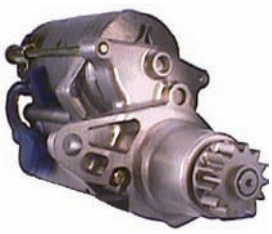


111442 Starter

Replacing: 31200-pe1-670; -1; -2; -3; -4; 31200-pg6-911; 31200-pg6-9122m; 31200-pg6-914; -5; -6; 31200-pm2-j01;

Servicing: Rover; Honda; Acura

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111446 Starter

Replacing: 128000-3470; -1; -2; 128000-5940; -1; -2; 128000-8270; 228000-0420; 28100-62010; -1; 28100-74010; -1

Servicing: Toyota; Lexus

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 2 (0), **A.** 55.00, **B.** 66.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

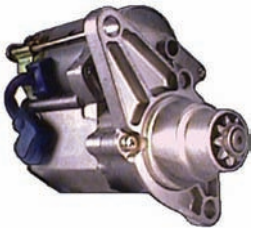


111447 Starter

Replacing: 28100-87709-000; 028000-9500; -1

Servicing: Daihatsu

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 231.55, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 31.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111449 Starter

Replacing: 28100-87719-000; 128000-3380; -1

Servicing: Daihatsu

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (0), **A.** 60.00, **B.** 52.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111451 Starter

Replacing: m1t74081; -7; m1t75681; m1t84481; 028000-6540; -50; 028000-8570; 028000-9800; 128000-1230; 128000-72

Servicing: Subaru

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 210.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 33.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111454 Starter

Replacing: 128000-8320; -1; 23300-aa230; 128000-8322

Servicing: Subaru

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

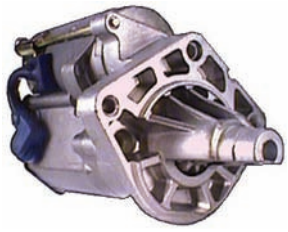


111455 Starter

Replacing: 128000-2680; -2; 128000-4480; 128000-5680; -1; -2; 128000-6420; -1; -2; 228000-0940; -1; 228000-2900

Servicing: Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 201.25, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 8.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111456 Starter

Replacing: 0001108070; -105; -135; 0001110024; 4557284; -384; 5226948; 5227248; -548; 5234648; 128000-3500; 128

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 7.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

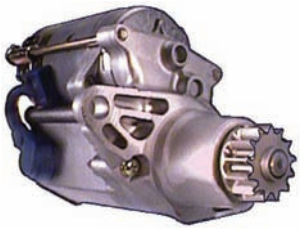


111458 Starter

Replacing: 31200-pc6-6615; 31200-pc6-662; -4; 31200-pd2-6612; sm302-02; -6; -8; 028000-6030; -1; -40; -41; -610

Servicing: Honda; Chrysler

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 209.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 32.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111463 Starter

Replacing: 228000-3330; -1; 28100-74200

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 223.50, **No. of mount. holes** 2 (0), **A.** 55.00, **B.** 65.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111464 Starter

Replacing: 28100-87603-000; 128000-6780

Servicing: Daihatsu

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 194.50, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 3.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

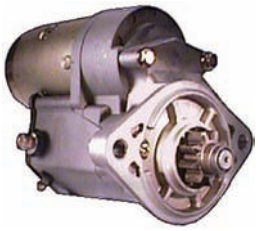


111492 Starter

Replacing: 0001108123; 4557709; 4686045; -109; 5234509; 5334509; 128000-7140; -1; 128000-9380; 228000-0470; -1;

Servicing: Chrysler; Nissan; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.50, **No. of mount. holes** 3 (2), **A.** 81.00, **B.** 8.00, **No. of teeth** 9, 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

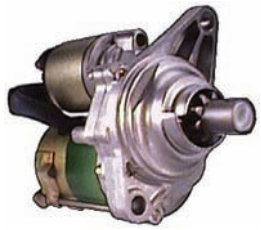


111525 Starter

Replacing: 28100-87316-000; 128000-5760

Servicing: Daihatsu

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

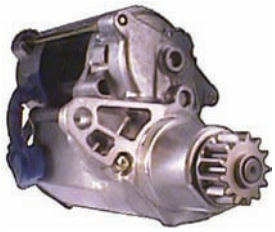


111543 Starter

Replacing: 31200-ph3-006; -951; -953; 31200-ph4-s12; 31200-pk2-306; -953; -955; -s02; sm302-18; -27; -28; sm302

Servicing: Honda; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

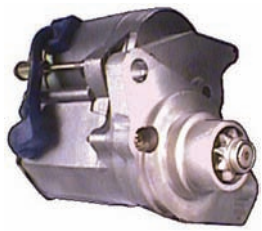


111544 Starter

Replacing: 128000-3480; -1; -2; 128000-5950; -1; 128000-7390; 128000-8400; 128000-9710; -20; 28100-03030; 28100

Servicing: Toyota; Lexus

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 2 (0), **A.** 55.00, **B.** 65.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

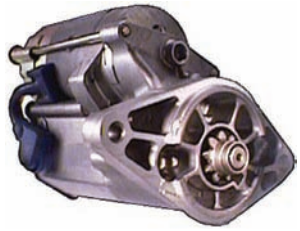


111546 Starter

Replacing: 31200-ph7-006; -661; sm302-19; 128000-2830

Servicing: Rover; Honda; Acura; Sterling

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 3 (0), **A.** 75.00, **B.** 40.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111548 Starter

Replacing: 28100-87715-000; 28100-87729-000; 28100-87730-000; 28100-87731-000; 028000-6300; 128000-6230; -40; -

Servicing: Daihatsu

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 203.00, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 3.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

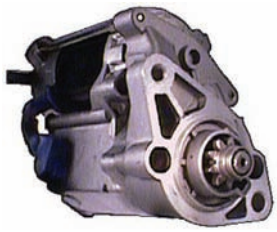


111550 Starter

Replacing: 228000-0820; -1; -2; -30; -31; -32; 228000-2500; 28100-03070; 28100-74130; -40; 228000-7250; 28100-7

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 217.00, **No. of mount. holes** 2 (0), **A.** 55.00, **B.** 66.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111551 Starter

Replacing: 128000-5560; -1; -80; -81; 28100-65010; -20; 128000-9790; 228000-1150; 28100-0W020

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (1), **A.** 55.00, **B.** 16.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111552 Starter

Replacing: 23300-AA381; 128000-7190; -1; 128000-8310; -1; -2; 228000-7130; 23300-aa40a; -200; -220; -221; -280;

Servicing: Subaru

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 204.25, **No. of mount. holes** 2 (0), **A.** 65.00, **B.** 50.00, **No. of teeth** 8, 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111553 Starter

Replacing: 28100-87106-000; 128000-9220

Servicing: Daihatsu

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 201.50, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 4.25, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111554 Starter

Replacing: 128000-9860; -80; 28100-64130; -200

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (2), **A.** 73.90, **B.** 3.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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111555 Starter

Replacing: 128000-1370; 28100-63050

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111556 Starter

Replacing: 128000-8200; 228000-2840; -1; -50; -51; 28100-76050; -91; -101; 228000-2853

Servicing: Toyota

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 3 (2), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111560 Starter

Replacing: s114-362; s114-362a; m2t37281; 128000-0350; -1; 128000-1890; 128000-2550; -1; -800; 23300-ka470; -1;

Servicing: Subaru

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 232.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 39.15, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



111561 Starter

Replacing: 028000-9940; 128000-1930; -50; 128000-4060; 31100-51a90; 31100-78021; 31100-81010; 31100-84350; 3110

Servicing: Suzuki

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 34.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD

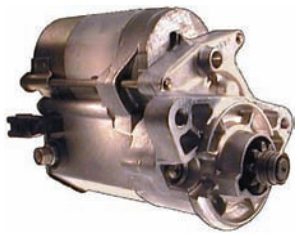


111564 Starter

Replacing: 128000-5350; 228000-0200; -460; -880; 228000-3000; 28100-64040; -140; -190; -210; -290

Servicing: Toyota

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 234.50, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 3.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111581 Starter

Replacing: 228000-2610; 28100-75070; 228000-2611; -2; -3

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 198.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 19.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111622 Starter

Replacing: 228000-0950; -1

Servicing: Kubota

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 177.50, **No. of mount. holes** 2 (0), **A.** 66.30, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111638 Starter

Replacing: 0001360049; -61; 0001368017; -63; -74; 2998002; 128000-7600; -1; -2; -3; 1676822; 420760; 465604; 46

Servicing: Volvo

V. 24, **kW.** 4.0, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.70, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111643 Starter

Replacing: 128000-3090; -1; 28100-10020; -1

Servicing: Toyota

V. 12, **kW.** 0.6, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 73.90, **B.** 5.90, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD

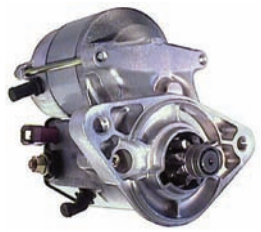


111679 Starter

Replacing: 128000-8620; -1; 228000-1600; -1; 28100-17020; -30; 20513035

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 292.00, **No. of mount. holes** 2 (0), **A.** 91.00, **B.** 17.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111681 Starter

Replacing: 128000-5850; 128000-9300; -520; 228000-0340; 28100-42050; 28100-46090; -100; -120

Servicing: Toyota; Lexus

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.90, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 20.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111682 Starter

Replacing: 128000-8210; 128000-9190; -1; 28100-76060; -70

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 3 (2), **A.** 73.90, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111683 Starter

Replacing: 5811001660; -1; -2; -3; -830; -860; 8944489590; -1; 8971353432; 028000-7000; -1; -2; -3; -790; -791;

Servicing: Isuzu; Opel; Iseki; Tcm; Chevrolet; Gmc

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 232.50, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 19.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111764 Starter

Replacing: 4379160; 5226844; 53005984; 128000-4960; 128000-5280; 128000-7810; 4349144; 128000-5270; 113100

Servicing: Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 240.50, **No. of mount. holes** 2 (0), **A.** 60.00, **B.** 23.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111765 Starter

Replacing: 278-000-311; -6; 128000-4861; -0; -2; -3; -4

Servicing: Sea Doo

V. 12, **kW.** 0.9, **B+ / B-** M6, **L.** 205.00, **No. of mount. holes** 2 (0), **A.** 59.80, **B.** 25.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

High torque



111783 Starter

Replacing: 228000-2740; 28100-65090

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (1), **A.** 55.00, **B.** 17.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

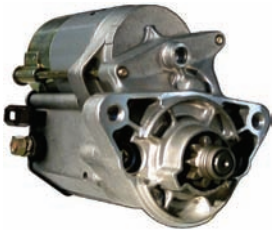


111784 Starter

Replacing: 228000-2570; -1; -2; 228000-3280; 28100-75090; -130; 228000-3740; 28100-0c010

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 186.30, **No. of mount. holes** 2 (2), **A.** 72.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111785 Starter

Replacing: 128000-5840; 128000-7680; 28100-42040; 28100-75010

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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111837 Starter

Replacing: 31552-89; 31552-89a; 128000-5750; 31570-89; 31570-89A

Servicing: Harley Davidson

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 188.50, **No. of mount. holes** 3 (0), **A.** 53.90, **Rotation** CR, **Drive type** Steel, **Gear** GR



111838 Starter

Replacing: 31390-91a; 028000-7300; 31505-81; 028000-7301

Servicing: Harley Davidson

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 195.00, **No. of mount. holes** 2 (2), **A.** 55.00, **B.** 18.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111839 Starter

Replacing: 31553-94; 228000-2550; 31558-94

Servicing: Harley Davidson

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 227.00, **No. of mount. holes** 3 (0), **A.** 53.90, **Rotation** CR, **Drive type** Steel, **Gear** GR

Small hole output shaft



111845 Starter

Replacing: 31553-90; 31558-90; 128000-8220; -1

Servicing: Harley Davidson

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 3 (0), **A.** 54.00, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

1/4"x20" big hole output shaft



111874 Starter

Replacing: 0001218166; 228000-3640; -1; -2; 28100-08010; 28100-64310; 228000-9220; -1; 28100-64430

Servicing: Toyota

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 3.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111911 Starter

Replacing: 12411712937; 12411740373; -4; -9; 0001108065; -108; -115; -157; b001111498; 63111006; 63223435; -537

Servicing: Ford; Bmw; Bertolini

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 231.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111915 Starter

Replacing: 278-000-484; -5; 228000-4550

Servicing: Sea Doo; Bombardier

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 205.50, **No. of mount. holes** 3 (1), **A.** 61.50, **B.** 21.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111918 Starter

Replacing: 278-000-301; -576; -577; 228000-4560

Servicing: Sea Doo; Challenger

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 205.00, **No. of mount. holes** 2 (2), **A.** 61.00, **B.** 22.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111920 Starter

Replacing: 128000-1490; -1

Servicing: Honda

V. 12, **B+ / B-** M6, **L.** 181.50, **No. of mount. holes** 2 (0), **A.** 30.00, **No. of teeth** 10, **Rotation** CR/ACR, **Drive type** Steel, **Gear** DD



111928 Starter

Replacing: 55x818-0051; 128000-1990

Servicing: Yamaha

V. 12, **B+ / B-** Plug, **L.** 134.50, **No. of mount. holes** 2 (2), **A.** 30.00, **B.** 37.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111969 Starter

Replacing: 228000-4980; 28100-64350

Servicing: Toyota

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 3.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111984 Starter

Replacing: 0001107030; -75; b001110240; 28100-02040; -80; 28100-16180; -270; 94855154; 228000-2960; -40; 28100-

Servicing: Toyota

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

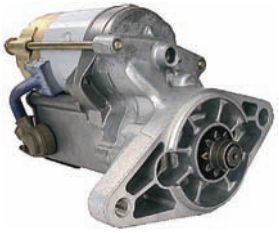


112006 Starter

Replacing: 0001109034; 0001110132; 28100-0b010; -20; 28100-0g010; 428000-0720; 28100-0G020

Servicing: Toyota

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 250.50, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 3.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112033 Starter

Replacing: 228000-1100; 228000-6840; 28100-16150; -90

Servicing: Toyota

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 194.50, **No. of mount. holes** 2 (1), **A.** 69.50, **B.** 4.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112036 Starter

Replacing: 128000-0970; -1; -2; -3

Servicing: Toyota

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 291.00, **No. of mount. holes** 2 (0), **A.** 89.90, **B.** 16.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112089 Starter

Replacing: 0r5347; 3t2879; 3t3154; 4l9547; 4n0956; 4n956; 5l4160; -8; -9; 5l5667; -867; 8c3592; -3; 8l8206; 9l6

Servicing: International; Freightliner; Kenworth; Mack; Ford; Volvo; Case; New Holland; Caterpillar; Perkins; C

V. 12, **kW.** 3.7, **B-** M12, **B+ / B-** M12, **L.** 500.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 42MT. Oil sealed.



112213 Starter

Replacing: 31200-p0a-0031; -2; dxk14; 228000-2260; -1; 228000-6420; -1; 31200-PAA-A01

Servicing: Honda; Acura

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 190.00, **No. of mount. holes** 2 (0), **A.** 74.80, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112214 Starter

Replacing: 31200-p45-g01; -11; -s01; 31200-pt0-0031; 31200-pt0-005; 31200-pt1-t03; dr4u2; sm402-04; sm402-04n;

Servicing: Rover; Honda

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112246 Starter

Replacing: 028000-8410; -1; 31100-za1-0030; 128000-2950; 31200-ZA1-0030; 31200-ze8-8010

Servicing: John Deere; Honda

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 193.00, **o. of mount. holes** 2 (0), **A.** 62.45, **B.** 10.00, **No. of teeth** 14, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Solenoid: Cargo 133711



112276 Starter

Replacing: f4tz11002a; f5tu11000aa; sa-817; m8t50071; 228000-8420; sa817; M8T50072; f5tu11002a; f5tu11000ab; -d

Servicing: Ford

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 288.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 34.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



112291 Starter

Replacing: S114-655D; -a; 119631-77011; -0; 119255-77010; 228000-5750; s114-624; -55

Servicing: Yanmar

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 190.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112336 Starter

Replacing: 228000-0640; 228000-2120; -1; -2; -690; 228000-8150; 28100-54310; -40; -80; -410; 228000-8972; 28100

Servicing: Toyota

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 15.50, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112364 Starter

Replacing: 228000-4970; 28100-64340

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 4.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112366 Starter

Replacing: 228000-5980; 28100-17050; 20513038

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 289.00, **No. of mount. holes** 2 (0), **A.** 91.00, **B.** 15.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112367 Starter

Replacing: 228000-6170; -2; -3; -280; -281; 28100-03100; 28100-74260; 228000-6282; -3; 228000-7260; 28100-74290

Servicing: Toyota; Lexus

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 217.00, **No. of mount. holes** 2 (0), **A.** 55.00, **B.** 66.20, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112369 Starter

Replacing: 28100-87401-000; 228000-6620

Servicing: Daihatsu

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 201.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 8.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112489 Starter

Replacing: 228000-5811; -0; 6667587

Servicing: Bobcat; Clark

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 294.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Oil sealed.



112536 Starter

Replacing: 0001208520; -4; 86bb11000na; 87bb11000aa; 87gb11000aa; 91bb11000ba; 25400; 26626; 27048; 128000-2640

Servicing: Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112544 Starter

Replacing: 3283214; 3920329; 604662rx; 228000-5630; 128000-9820; 3283814; 3675247rx; 228000-5631; 228000-7380;

Servicing: Cummins

V. 24, **kW.** 7.5, **B+ / B-** M12, **L.** 314.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Oil sealed



112545 Starter

Replacing: 228000-1880; 128000-8101; 228000-1881; 11.131.052; aze2117; 757-21700

Servicing: Lister

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 187.00, **No. of mount. holes** 2 (2), **A.** 89.00, **B.** 27.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112546 Starter

Replacing: 12-098-03; 128000-7480; 228000-2640; 24-098-01; 10455513; 25-098-08; -9; am108390; 10455516; am13270

Servicing: Cub Cadet; John Deere; Kohler

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 205.60, **No. of mount. holes** 2 (0), **A.** 63.00, **B.** 8.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112547 Starter

Replacing: 16235-63012; 228000-6321; -0

Servicing: Kubota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 17.00, **No. of teeth** 9, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112582 Starter

Replacing: 10455703; -9; 128000-8110; -1

Servicing: Chevrolet

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 205.00, **No. of mount. holes** 2 (0), **A.** 37.90, **B.** 7.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112822 Starter

Replacing: 228000-5641; 99432760

Servicing: Iveco; Vauxhall

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 293.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 49.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112823 Starter

Replacing: 228000-7550; 42498115; 99486046

Servicing: Iveco

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 49.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113023 Starter

Replacing: 31200-p03-901; -4; dx4re; 128000-9750; -1; -2; 31200-PO3-904; -1

Servicing: Honda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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113024 Starter

Replacing: 128000-7470; 31200-pt0-900; -3; -5; -6; sm402-03; 31200-pt0-904; dr4u3; 128000-7471; sm402-15; SM402

Servicing: Honda

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113095 Starter

Replacing: 5213590; 5226742; 4439474; 5212190; 5213049; -645; 028000-7170; -1; -2; 0001208407; -13; 5213045; -4

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 79.00, **B.** 5.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113096 Starter

Replacing: 128000-7080; 31200-pr4-a01; drp1k

Servicing: Acura

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113097 Starter

Replacing: 028000-8220; 28100-60070; 028000-8221

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 2 (0), **A.** 82.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113098 Starter

Replacing: 028000-4250; -2; -951; 028000-5140; 28100-26100; 028000-4351; 28100-26050; -1; -2; -3; 028000-4251;

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.50, **No. of mount. holes** 2 (2), **A.** 55.00, **B.** 17.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113099 Starter

Replacing: 94840315; 028000-9730; 28100-15120

Servicing: Chevrolet; Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 9.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113101 Starter

Replacing: 128000-4910; 4428221; 3604630rx; 3912084; 19011812; 323-546; 128000-4911

Servicing: Cummins; Dodge

V. 12, **kW.** 2.5, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 46.35, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



113102 Starter

Replacing: 10455003; 1998538; 128000-3180; -1; -2

Servicing: Cadillac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (0), **A.** 38.00, **B.** 11.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113103 Starter

Replacing: 10455702; 10465024; 1998578; 323-417; 128000-4950; -1

Servicing: Chevrolet

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 38.00, **B.** 7.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113104 Starter

Replacing: 228000-0220; 31200-pr4-0030
Servicing: Acura
V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 217.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113105 Starter

Replacing: 4609010; 228000-0360; -1
Servicing: Chrysler; Dodge; Eagle
V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 3 (0), **A.** 81.70, **B.** 8.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113106 Starter

Replacing: 228000-0890; 94854717; 228000-1700; 28100-02050; 28100-16220
Servicing: Geo; Toyota
V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 186.50, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113107 Starter

Replacing: 228000-1960; 28100-46140; 228000-1961; -2
Servicing: Toyota; Lexus
V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (2), **A.** 73.90, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113108 Starter

Replacing: 228000-3060; 28100-08040; 28100-u2100-71; 228000-2890; 28100-35090
Servicing: Vw; Toyota
V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 190.50, **No. of mount. holes** 2 (0), **A.** 73.90, **B.** 21.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113109 Starter

Replacing: 228000-2310; 28100-35100
Servicing: Toyota
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 2 (0), **A.** 73.90, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113110 Starter

Replacing: 228000-2730; 28100-65080
Servicing: Toyota
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 2 (1), **A.** 54.90, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113111 Starter

Replacing: 228000-2050; -1
Servicing: Acura
V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 187.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 41.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113112 Starter

Replacing: 228000-2750; 28100-65100
Servicing: Toyota
V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 187.60, **No. of mount. holes** 2 (1), **A.** 55.00, **B.** 16.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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113113 Starter

Replacing: 228000-2060; -1; -2; 31200-p75-901

Servicing: Acura

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.50, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113114 Starter

Replacing: 4741012; 4746639; 3604684rx; 3921682; 228000-2290; -1; -2

Servicing: Cummins; Dodge

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 301.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



113115 Starter

Replacing: 4609703; 228000-3020; -1

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (1), **A.** 73.95, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113116 Starter

Replacing: 228000-3390; 560277002; 228000-3391; -2; -3; 56027702

Servicing: Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (0), **A.** 72.40, **B.** 23.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113117 Starter

Replacing: 4686104; 228000-3030; -2

Servicing: Dodge; Plymouth; Chrysler

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (3), **A.** 81.70, **B.** 8.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113118 Starter

Replacing: 31200-p54-003; 31200-p73-a01; dxdr6; -j; 228000-3990; -1; -2; 228000-7200

Servicing: Honda; Acura

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113119 Starter

Replacing: 228000-3750; 28100-07010; 28100-62050; 228000-5300; -1; -3

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (2), **A.** 54.90, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113120 Starter

Replacing: 56027702ab; -c; 228000-7420; -1

Servicing: Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (0), **A.** 72.50, **B.** 23.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113121 Starter

Replacing: 128000-8890; -1; 28100-11020

Servicing: Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (0), **A.** 73.90, **B.** 5.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113130 Starter

Replacing: 0350-552-0328; 28100-1542; 28100-1542b; 28100-1900; 0350-402-0113; -210; -211; 028000-9760; 0350-552

Servicing: Hino

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 2 (1), **A.** 105.00, **B.** 32.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113131 Starter

Replacing: 128000-0490; 94039465; 94052175; 1811002340; -1; 2912559020; 8971197490; 128000-0491; -2

Servicing: Isuzu

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 319.50, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 40.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113132 Starter

Replacing: 228000-1890; -1; -2; 128000-0833; 8970429970; -1; -2; 228000-8040; -1; 2873k401; 228000-1893; 128000

Servicing: Hyster; Isuzu

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113136 Starter

Replacing: M1T64285; F4XA11000BA; -b; F4XY11002A; F5XY11002A; sa-816; -20; 23300-0b711; sa816; -20; m1t68081; m

Servicing: Nissan; Mercury

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 59.90, **B.** 56.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113168 Starter

Replacing: 128000-7380; -1; -2; -3; 28100-50020

Servicing: Lexus

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 232.50, **No. of mount. holes** 2 (2), **A.** 54.90, **B.** 34.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113169 Starter

Replacing: 228000-1560; 228000-3260; 28100-66060; 228000-1690; 28100-66050

Servicing: Lexus; Toyota

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 218.50, **No. of mount. holes** 2 (0), **A.** 54.85, **B.** 33.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113170 Starter

Replacing: 228000-4090; -2; -3; 28100-75140; 228000-2990; 28100-75120

Servicing: Toyota

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (2), **A.** 73.90, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113171 Starter

Replacing: 228000-4300; -4; 28100-50060; -1; -2; 228000-7391; 28100-50070; 228000-7390; -2

Servicing: Jaguar; Lexus

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (2), **A.** 54.90, **B.** 33.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113172 Starter

Replacing: 1108443; 1109418; -23; -39; 228000-5860; -1; -2; 7x1057; 128000-6870; 655293; 1107335; 1108493; 2200

Servicing: Hyster; Caterpillar; Yale

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 249.00, **No. of mount. holes** 2 (0), **A.** 88.70, **B.** 46.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 10MT. Oil sealed.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



113173 Starter

Replacing: 228000-4080; -2; -3; 28100-62030

Servicing: Toyota

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (2), **A.** 54.90, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113174 Starter

Replacing: 228000-3040; 28100-75110

Servicing: Toyota

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (2), **A.** 73.90, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113175 Starter

Replacing: 31200-p5g-003; 228000-5040

Servicing: Acura

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 2 (1), **A.** 69.80, **B.** 50.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113199 Starter

Replacing: 028000-7132; -1; -3; 14278-63012

Servicing: Kubota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 2 (2), **A.** 73.90, **B.** 30.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113203 Starter

Replacing: 128000-1000; 60081-33240; 600-813-3240; 128000-1001; -2; -3; -4; 228000-1430; -1; 600-813-4470

Servicing: Komatsu

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 298.00, **No. of mount. holes** 2 (0), **A.** 104.90, **B.** 14.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

Oil sealed



113204 Starter

Replacing: 128000-5410; -1; 228000-4780; 19883-63011; -2

Servicing: Kubota

V. 24, **kW.** 1.4, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 2 (0), **A.** 65.90, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113205 Starter

Replacing: 128000-7110

Servicing: Kubota

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 205.00, **No. of mount. holes** 2 (2), **A.** 74.90, **B.** 34.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113206 Starter

Replacing: 128000-9970; -1; 600-813-1420; 128000-9972

Servicing: Komatsu

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 292.00, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113207 Starter

Replacing: 228000-2030; -1; -2

Servicing: Yanmar; Volvo Penta

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 293.00, **No. of mount. holes** 2 (0), **A.** 90.70, **B.** 15.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



113208 Starter

Replacing: 228000-4620; 28100-87803

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 180.00, **No. of mount. holes** 2 (2), **A.** 73.90, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113209 Starter

Replacing: 228000-5140; 8-97120356-1

Servicing: Isuzu

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

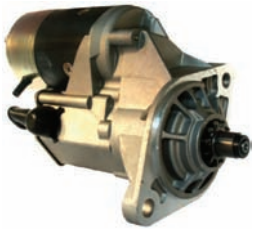


113211 Starter

Replacing: 228000-5910; -1; 67980-31151; 228000-7480

Servicing: Kubota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 201.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113214 Starter

Replacing: 128000-5090; -300; 28100-1930a; -1a; 128000-5091; 028000-9770; 28100-1961; 128000-5301; 28100-1561a;

Servicing: Hino

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 2 (1), **A.** 105.00, **B.** 31.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



113230 Starter

Replacing: 52-098-08; 128000-4520

Servicing: Massey Ferguson

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 204.30, **No. of mount. holes** 0 (0), **A.** 63.40, **B.** 43.40, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113237 Starter

Replacing: 3e5382; 9w2946; 128000-5720; -1; -2; -3; 228000-5730; -1

Servicing: Caterpillar

V. 12, **kW.** 3.0, **B-** M12, **B+ / B-** M12, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 47.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113238 Starter

Replacing: 228000-3710; 28100-23660-71

Servicing: Toyota

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 293.00, **No. of mount. holes** 2 (0), **A.** 89.90, **B.** 11.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113239 Starter

Replacing: 228000-1610; -1; 28100-17040; 128000-8640; -1; 28100-17010

Servicing: Toyota

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 299.00, **No. of mount. holes** 2 (0), **A.** 91.00, **B.** 15.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



113240 Starter

Replacing: 228000-3400; -1; -2; -3

Servicing: Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 217.00, **No. of mount. holes** 2 (0), **A.** 88.70, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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113241 Starter

Replacing: 228000-3010; -1; -2; 4686111; 228000-3013

Servicing: Dodge; Plymouth; Chrysler

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 182.00, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 9.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113242 Starter

Replacing: 228000-6110; 4609346; 4609346ab; 228000-6112; -3

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 237.50, **No. of mount. holes** 2 (2), **A.** 81.60, **B.** 8.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113243 Starter

Replacing: 94857220; 228000-6660; -2; -3; 28100-0d020

Servicing: Chevrolet

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 190.00, **No. of mount. holes** 2 (0), **A.** 73.90, **B.** 15.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113244 Starter

Replacing: 228000-5490; -680; 28100-74240; 228000-6272; -1; -3; 28100-74270; 228000-6270

Servicing: Lexus; Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 217.00, **No. of mount. holes** 2 (0), **A.** 54.90, **B.** 65.50, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113254 Starter

Replacing: d6ra110; 428000-1640; 63280091

Servicing: Peugeot; Citroen

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 212.50, **No. of mount. holes** 4 (2), **A.** 62.50, **B.** 14.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113312 Starter

Replacing: 228000-5302

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (2), **A.** 54.90, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113313 Starter

Replacing: 228000-8350; 228000-9530

Servicing: Toyota

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 187.00, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 11.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



113314 Starter

Replacing: 228000-8550; -40; 28100-21020; -30

Servicing: Toyota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 204.00, **No. of mount. holes** 2 (1), **A.** 74.00, **B.** 13.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113339 Starter

Replacing: 228000-7581; 28100-22030

Servicing: Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 201.50, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113361 Starter

Replacing: 228000-4960; -1; 31200-P9M-E00; nad100790

Servicing: Rover; Honda; Mg

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 210.50, **No. of mount. holes** 2 (1), **A.** 75.00, **B.** 39.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113402 Starter

Replacing: 2911233280; 8970645530; 8-94384314-0; 128000-9700; -1; -2; 228000-0810; 8-97064553-0; 8-94384314-1;

Servicing: Opel; Honda; Isuzu

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.50, **No. of mount. holes** 2 (0), **B.** 15.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113428 Starter

Replacing: 028000-6560; -1; 128000-7750; 7x0994; 5811001690; -1; 028000-5490; 128000-7751; -2; -3; 228000-6560;

Servicing: Isuzu

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 297.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113429 Starter

Replacing: 028000-7430; -1; 128000-4340; 128000-5620; 10461645; 10465537; 3283813; 3675245; 3920328; 87419387;

Servicing: Case; Cummins

V. 12, **kW.** 4.2, **B+ / B-** M10, **L.** 326.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 47.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113434 Starter

Replacing: 228000-6740; 228000-4030; 28100-11090; 228000-6760; 28100-11150; -70

Servicing: Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 4.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113459 Starter

Replacing: 128000-8170; -1; 228000-5790; 11.131.136; aze2138; 228000-5791; 757-26450

Servicing: Lister

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 220.50, **No. of mount. holes** 2 (2), **A.** 88.90, **B.** 26.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113475 Starter

Replacing: 128000-4461; 12752-63012

Servicing: Yanmar

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 196.00, **No. of mount. holes** 2 (2), **A.** 61.90, **B.** 21.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



113490 Starter

Replacing: 028000-2870; -1

Servicing: John Deere

V. 12, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 62.00, **B.** 25.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113491 Starter

Replacing: 028000-3440; -1

V. 12, **B+ / B-** M8, **L.** 228.50, **No. of mount. holes** 2 (0), **A.** 62.00, **B.** 24.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Abbrevations, see first pages.
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113492 Starter

Replacing: 228000-6300

V. 12, **kW.** 6.0, **B+ / B-** M8, **L.** 204.50, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113545 Starter

Replacing: 128000-4240; -1; -2; -990; -991; -992; -993; 1YW-81800-50-00; 1YW-81800-51-00; 2HR-81800-50

Servicing: Yamaha

V. 12, **kW.** 0.4, **B+ / B-** M6, **L.** 156.00, **No. of mount. holes** 2 (0), **A.** 35.75, **B.** 37.60, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

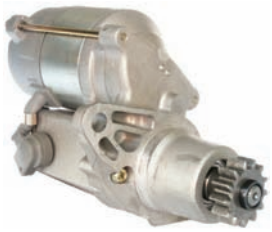


113550 Starter

Replacing: 10461334; -753; 19011518; -21; -30; 8200033; -40; 10461777; 19011516; 428000-1220; -1; 19011506; 428

Servicing: Mack

V. 12, **kW.** 6.2, **B+ / B-** M12, **L.** 402.80, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.00, **No. of teeth** 11, 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** GR
Replacing: 39MT.



113586 Starter

Replacing: 228000-5670; 6128; 28100-74230

Servicing: Toyota

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 54.90, **B.** 66.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113596 Starter

Replacing: am104559; 21163-2073; 12498-63010; 128000-4020

Servicing: John Deere; Kawasaki; Kubota

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 180.00, **No. of mount. holes** 2 (2), **A.** 70.00, **B.** 19.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113597 Starter

Replacing: 128000-9360; am109408; 21163-2101

Servicing: John Deere; Kawasaki

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 181.00, **No. of mount. holes** 2 (0), **A.** 65.90, **B.** 17.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113601 Starter

Replacing: 228000-6120; -1; -2; NAD101090; -420; -520

Servicing: Land Rover

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 227.00, **No. of mount. holes** 2 (0), **A.** 74.80, **B.** 39.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113619 Starter

Replacing: 56027703ac; 6846; 228000-7430; -2

Servicing: Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 217.00, **No. of mount. holes** 2 (0), **A.** 88.70, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113620 Starter

Replacing: 28100-22071; 6860; 228000-7740; 28100-22050; 228000-6310; 28100-0D010; 28100-22070

Servicing: Toyota

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 180.00, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113629 Starter

Replacing: 6141; 31200-P3F-J01; dsdec; 228000-6450

Servicing: Honda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.30, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 39.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113630 Starter

Replacing: 6930; 31200-pcx-a01; ds4hx; 228000-8330

Servicing: Honda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 37.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113635 Starter

Replacing: 11460-63011; 128000-8480

Servicing: Carrier Transicold; Kubota

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 176.25, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 33.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113649 Starter

Replacing: 0001107079; 228000-6750; 28100-11160; 228000-4320

Servicing: Toyota

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 206.30, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 4.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113662 Starter

Replacing: 228000-7220; nad101240

Servicing: Land Rover; Vw

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 3 (0), **A.** 65.90, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113663 Starter

Replacing: 21163-2114; -8; 228000-2210; -1

Servicing: John Deere; Kawasaki

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 183.00, **No. of mount. holes** 2 (0), **A.** 65.80, **B.** 17.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113665 Starter

Replacing: 6858; 228000-4020; 28100-11080

Servicing: Toyota

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 206.50, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 4.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113681 Starter

Replacing: 128000-1671; s9999; 128000-1670

Servicing: ; Bombardier

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 205.00, **No. of mount. holes** 2 (2), **A.** 61.90, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113702 Starter

Replacing: 228000-6481; m2t87271; M2T87271ZT; 228000-4830; -1; 228000-6482; f8ru11000aa; WL01-18-400; WL02-18-4

Servicing: Mazda; Ford

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 3 (3), **A.** 81.40, **B.** 16.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Abbrevations, see first pages.
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113704 Starter

Replacing: 31200-plr-a01; -2; 228000-9641; 428000-0320; -1

Servicing: Honda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 206.30, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113723 Starter

Replacing: 128000-9400; 31200-zh9-003

Servicing: Honda

V. 12, **kW.** 0.4, **B+ / B-** M6, **L.** 196.00, **No. of mount. holes** 2 (2), **A.** 46.95, **B.** 10.00, **No. of teeth** 14, **Rotation** ACR, **Drive type** Steel, **Gear** GR

113725 Starter

Replacing: 128000-2270; 128000-3120; 10465540; 128000-0211; -0; -2; -3; -540; -541; -542; -543; 128000-9500; -1

Servicing: Case

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 300, **No. of mount. holes** 2 (0), **A.** 88.60, **B.** 49.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** DD

113730 Starter

Replacing: 428000-0460

Servicing: Gmc; Chevrolet

V. 12, **kW.** 1.4, **No. of teeth** 11

113732 Starter

Replacing: 228000-7850; 31200-zj1-841

Servicing: Honda; Cub Cadet

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 206.00, **A.** 54.00, **B.** 1.50, **No. of teeth** 12, **Rotation** ACR, **Gear** DD

113734 Starter

Replacing: 128000-7050; 21163-2089; AW26844; DAW26844

Servicing: Kawasaki; John Deere; Bombardier

V. 12, **kW.** 0.6, **No. of teeth** 9, **Rotation** ACR

113736 Starter

Replacing: 228000-8080; -1; -2; -3; 228000-9140

Servicing: ; John Deere; Komatsu

V. 12, **kW.** 4.8, **No. of teeth** 11



113757 Starter

Replacing: 228000-1780; 228000-5020; -1; -2; -3; 28100-67050; -30

Servicing: Toyota

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 136.00, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 18.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

113809 Starter

Replacing: 428000-1250; 28100-31050

Servicing: Toyota

V. 12, **kW.** 2.2, **No. of teeth** 9, **Gear** GR

113810 Starter

Replacing: 228000-9901; -2; 428000-0700; 28100-0H060

Servicing: Lexus; Toyota; Scion

V. 12, **kW.** 1.6, **No. of teeth** 13, **Gear** GR

113825 Starter

Replacing: 428000-1420; -1; -2

Servicing: Ford; Ford Usa

V. 12, **kW.** 5.0, **No. of teeth** 13, **Gear** GR

113828 Starter

Replacing: 228000-8841; 21163-2124
Servicing: Kawasaki
V. 12, **kW.** 1.2, **No. of teeth** 9, **Gear** GR



113892 Starter

Replacing: 228000-8430; -1; -2
Servicing: Ford
V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 211.70, **No. of mount. holes** 2 (0), **A.** 103.60, **B.** 14.45, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113893 Starter

Replacing: 128000-8460; -2; 34070-16081; -3; -800; -803; 128000-8461
Servicing: Kubota
V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 178.50, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 24.80, **No. of teeth** 9, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



110144 Starter

Replacing: 581017; s114-103; s114-103k; -l; -m; -n; -p; s114-108; s114-108l; -m; -70b; -70e; s114-174; m3t10672
Servicing: Nissan; Tcm
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 187.00, **No. of mount. holes** 2 (0), **A.** 82.25, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110365 Starter

Replacing: 9000141101; -7; e80c; r80.02; mta12-39; mts12-29; -39; -42; -48; 4229113; -4; 4401806; 46231504; 597
Servicing: Fiat; Lancia; Seat; Autobianchi
V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 3 (3), **A.** 62.00, **B.** 12.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD
Bushing D.E. (clutch house): Cargo 140008.



110367 Starter

Replacing: 9000141100; -3; -11; -12; 532002; -10; -17; 6128; -72; -87; -227; 6231a; -b; -c; -d; mta12-14; -9; m
Servicing: Renault; Volvo; Daf; Dacia
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110439 Starter

Replacing: 0001362008; 9000143400; 6127; -232; s12-85; -7; 10.130.141; 11.130.074; -194; -408; -711; azj0404; a
Servicing: Massey Ferguson; Buhrer; Compair; Eicher
V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 309.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110459 Starter

Replacing: 538504; 26349; -416; -420; 27443; -543; -545; nsb532; 26349a; 26416a; -d; -e; 27543a; -d; 26349b; -d
Servicing: Bedford
V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 335.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110462 Starter

Replacing: 0001362067; 538501; 71yb11000aa; 11.130.579; -624; azj3182; -98; 26137; -47; -211; -213; -291; -316;
Servicing: Ford; New Holland; Buhrer; Matbro
V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 319.45, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110565 Starter

Replacing: 19024817; 538502; -5; s12-73; s13-73; s13-73b; s13-74; 11.130.076; -200; -373; -386; -411; -419; -50

Servicing: Massey Ferguson; Eicher

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 313.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110584 Starter

Replacing: 0001112007; -19; -29; -41; 91536242; 95624960; 95667752; -3; 96028857; 9605219380; 9608719280; 53405

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (1), **A.** 65.70, **B.** -7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110585 Starter

Replacing: 0001208515; -7; -26; -28; -717; 9000333117; 534029; -31; -42; -43; -57; 11.130.208; -346; -582; -790

Servicing: Renault; Volvo

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.15, **No. of mount. holes** 4 (4), **A.** 66.00, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110587 Starter

Replacing: 0001208516; -707; 9150747780; -880; 9150864480; -580; 95508644; 95607229; 534039; 8293; -4; 11.130.2

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 3 (3), **A.** 66.05, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



110774 Starter

Replacing: 0001208203; -5; -14; -406; 534003; 6244; -5; moc12-4; mta12-8; m3t19371; 95675; d8e134; d9e18; -87

Servicing: Talbot

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 3 (0), **A.** 82.40, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110783 Starter

Replacing: 5490011; -422; 5491588; 75491615; -68; 95493755; 95495509; 95580182; 534009; 536001; 6236; -9; moc12

Servicing: Citroen

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 275.00, **No. of mount. holes** 3 (3), **A.** 98.35, **B.** 37.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110793 Starter

Replacing: 0001208211; 533002; 6189; -90; -212; moc12-2; 11.130.245; -375; azf3518; -43; d8e104; -22; -24; d8e7

Servicing: Peugeot; Fiat; Citroen

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 220.50, **No. of mount. holes** 2 (2), **A.** 66.00, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110794 Starter

Replacing: 0001208228; 9000142002; 532014; 6220; -47; d8e117; -37; -51; 310008V; -17X; -18Y; 76591N; 77406S; 96

Servicing: Renault; Citroen; Peugeot; Talbot; Austin

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** 14.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110795 Starter

Replacing: 532009; -18; moc12-13; d8e142; d9e26; -37; -41

Servicing: Renault; Volvo; Daf

V. 12, **kW.** 0.8, **B+ / B-** M8, , **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 11.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110796 Starter

Replacing: 7910014193; -4; 9150457580; 95580165; 532020; 6216; moa12-13; moa12-8; 555806; 558006; d8e107

Servicing: Citroen; Peugeot; Talbot

V. 12, **kW.** 0.7, **B+ / B-** M8, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** 16.10, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110797 Starter

Replacing: 0001208213; -506; 9150136780; 532011; 533001; 534045; -9; 11.130.246; -431; azf3519; -52; m3t19971;

Servicing: Peugeot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.50, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 25.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110821 Starter

Replacing: 5491077; 75491623; 75492269; -638; 95493129; 95494263; 95580174; gx0610501b; gx0610501br; gx0610502a

Servicing: Citroen

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 275.00, **No. of mount. holes** 2 (0), **A.** 59.00, **B.** 40.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110822 Starter

Replacing: 0001208508; -702; 9000141113; 534004; -5; -7; mtv12-8; m3t19571; d8e133; -47; d9e19; -28; -31; -32;

Servicing: Talbot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 12.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110823 Starter

Replacing: 0001113004; 0001208233; 0001211215; -986; -988; 6222; -46; 63221302; -32

Servicing: Alfa Romeo; Bertolini; Bcs; Vw

V. 12, **kW.** 0.7, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110829 Starter

Replacing: 9000334101; 5491163; 75491453; 75492472; 95492868; 95493934; 95494430; 95580166; 3471366; 532012; mt

Servicing: Citroen

V. 12, **kW.** 0.65, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 18.85, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110830 Starter

Replacing: 0001208209; -27; 9000142001; 532000; -8; d8e139; 7700621108; 7700622748; 7700669221; 7701024176; 770

Servicing: Renault

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 3 (0), **A.** 82.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110856 Starter

Replacing: 532021; -3; 6136; -85; -219; mta12p-7; 11.130.034; -134; aze0303; a3t02192; d8e111; -30; -31; d8e54;

Servicing: Renault

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 21.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110860 Starter

Replacing: 95580183; 95619195; 532003; -4; d9e86; d9e861; 7701348482; 7701499220; -34

Servicing: Renault; Citroen; Peugeot

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 253.00, **No. of mount. holes** 3 (0), **A.** 80.00, **B.** -6.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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110866 Starter

Replacing: 534032; -47; d9e278; d9e46; -55; -68; -78; -79; 7700572689; 7700650287; 7700694096; 7700750305; -6;

Servicing: Renault

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 197.65, **No. of mount. holes** 3 (2), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111025 Starter

Replacing: 0001211536; 19024838; 534053; r80k; 46231510; 5999906; 7612952; 7621040; 76221040; 77305430; 11.130.

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 3 (2), **A.** 64.25, **B.** 11.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111064 Starter

Replacing: 9000333109; 534023; -44; 11.130.244; -590; aze3559; azf3517; -59; d9e56; -66; -74; 7700681068; 77013

Servicing: Renault; Volvo

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111066 Starter

Replacing: 0001208507; 95607233; 534046; -50; d9e36; -54; -61; -62; 310023W; 77612430; 94612K; 9151139080; 5558

Servicing: Citroen; Peugeot; Fiat; Talbot

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 2 (2), **A.** 65.90, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111068 Starter

Replacing: 0001208226; -518; 9151424580; 534048; 11.130.029; -218; -395; aze0304; aze3513; azf3549; d9e53; -64;

Servicing: Citroen; Peugeot; Talbot

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 212.25, **No. of mount. holes** 3 (3), **A.** 65.85, **B.** 15.65, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111100 Starter

Replacing: 9000141015; -104; 5426014; 5433495; 5490308; 5491448; 75491723; 75492566; 95494247; 95580161; 6202;

Servicing: Citroen

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 207.75, **No. of mount. holes** 2 (0), **A.** 65.60, **B.** 19.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111104 Starter

Replacing: 0001211024; -5; -207; -208; -987; 534002; 63221303; -33; d8e109; -26; 0001108081

Servicing: Alfa Romeo

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 3 (0), **A.** 61.90, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111106 Starter

Replacing: 0001208408; 9000333112; 534027; -8; 4469985; -6; -7; 4470118; 46231575; 5959702; 77510430; 63221400;

Servicing: Fiat; Lancia; Seat

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 22.40, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110205 Starter

Replacing: im380; -641; 0001411008; -12; 0001417041; 9000084019; -24; 2311210; 19024075; 08280; 81460046; 46593

Servicing: Volvo

V. 24, **kW.** 6.5, **B+ / B-** M12, **L.** 403.50, **No. of mount. holes** 3 (0), **A.** 90.50, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110206 Starter

Replacing: 002/511; -601; -608; -611; -702; -801; -808; -809; -901; -904; -906; -909; im310; -502; -523; 000141

Servicing: Mercedes-Benz; Ford; Man; Neoplan; Kässbohrer; Claas; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 92.25, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110207 Starter

Replacing: im16; im326; -505; 0001402057; 0001410046; 0001414019; 0001415013; 0001416005; -7; 1327a600; -1; 299

Servicing: Volvo; Volvo Bm

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 386.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110208 Starter

Replacing: im325; -50; -508; -509; -521; 0001402053; 0001410044; 0001411016; 0001414008; 0001415004; -16; 00014

Servicing: Mercedes-Benz; Steyr; Volvo; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110209 Starter

Replacing: im327; -543; 0001410067; 0001416043; 9000084008; 2998009; 11206; 22622; 6230000; R23.23; 0001410060;

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 387.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110210 Starter

Replacing: 001/504; -6; -7; -706; -905; -911; im360; -510; -601; -801; 0001410024; 0001411009; 0001417001; -51;

Servicing: Mercedes-Benz; Man; Neoplan; Kässbohrer; Ssangyong; Fiat-Allis; Mitsubishi

V. 24, **kW.** 6.0, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 91.75, **B.** 48.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110211 Starter

Replacing: im371; -647; 0001410005; 0001411013; 0001417047; 19024079; 0150000; R22.15; 571461; 349579; 860544;

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110212 Starter

Replacing: im312; -61; -548; -607; -645; 0001410098; -115; 0001411005; 0001415014; -5; 0001416048; 0001417045;

Servicing: Iveco; Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.65, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110213 Starter

Replacing: im316; -62; -605; 0001410065; 0001411025; 0001417005; -73; 19024053; r22.07; 4732242; 4782803; 81467

Servicing: Iveco; Citroen; Fiat

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 403.60, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 20.80, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110214 Starter

Replacing: im330; -643; 0001410037; 0001415008; 0001417043; 0001501020; -9; -33; -35; 2998006; 19024077; r20.28

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 37.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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110338 Starter

Replacing: r80z; mts12-22; 4198600; -1; 46231525; 77145430; aze0201; aze1501; 9141325; 63220701; -21; -31; -41;

Servicing: Fiat; Lancia; Zastava

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110352 Starter

Replacing: 0001208218; 19024839; 803000.2; e100l-1.5/12; r100.03; r100.3; mtd12-14; 4474746; -7; -50; 2100-3708

Servicing: Fiat; Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (3), **A.** 82.35, **B.** 21.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



110365 Starter

Replacing: 9000141101; -7; e80c; r80.02; mta12-39; mts12-29; -39; -42; -48; 4229113; -4; 4401806; 46231504; 597

Servicing: Fiat; Lancia; Seat; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 3 (3), **A.** 62.00, **B.** 12.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



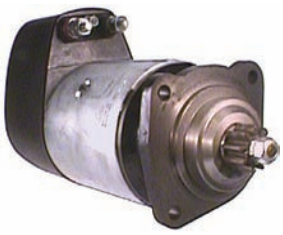
110410 Starter

Replacing: 0001211223; -4; -55; -56; 9000692015; r80.03; r80g; 11.130.334; azf3527; 25349; -50; -51; 26604; -6;

Servicing: Vw; Austin; Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 34.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110520 Starter

Replacing: 0001360007; -27; 0001368021; 19024201; 10450; r10.05; r10ta; 4706720; 4737757; 4755113; 77065560; 77

Servicing: Fiat-Allis; Cummins

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110522 Starter

Replacing: 0001359122; 0001367029; 19024202; -53; 11420; 14650; r11.03; r11c; 4737759; 4807376; 11.130.366; -69

Servicing: Fiat; Fiat-Allis; New Holland; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110523 Starter

Replacing: 0001360012; -4; -35; 0001368001; -7; 859539; 19024226; -34; -813; 11580; r10.08; 11.130.075; -141; -

Servicing: Iveco; Case; Abg; Ahlmann; Payloader; Compair; Khd

V. 24, **kW.** 4.8, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110529 Starter

Replacing: 0001359021; -102; 0001367023; -8; 2998200; 19024230; 11370; r11.07; r11w; 4172113; 4699705; 4702248;

Servicing: Fiat; Fiat-Allis; Agrifull; Benfra; Iveco

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110531 Starter

Replacing: im340; -1; -540; -617; -636; 0001410001; -15; -16; -41; 0001417036; 2998007; 19024071; 10610; 001151

Servicing: Mercedes-Benz; Khd; Fiat-Allis; Gmeinder

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 0 (0), **A.** 76.50, **B.** 43.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110532 Starter

Replacing: im381; -2; -606; 0001411017; -26; 0001417006; -74; 19024054; 06860; r20.24; r20w; 4179626; 4732241;

Servicing: Iveco; Citroen

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110533 Starter

Replacing: im323; -503; 0001410062; 0001415011; 0001416003; 19024011; 5000804191; 10650; 22603; R23.09; 51.2620

Servicing: Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110534 Starter

Replacing: im324; -530; 0001410053; -63; -99; 0001416030; 19024030; r23.18; 8122161; 0001410109; 0001416035; 10

Servicing: Fiat; Iveco; Ford

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 387.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110535 Starter

Replacing: im328; -536; 0001410111; 0001416036; 19024035; 81466036; 22620; 6210000; R23.21; 860655; C9JF11350A;

Servicing: Iveco

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110536 Starter

Replacing: 0001358027; -46; -49; -73; -305; 0001359012; -27; -46; -49; -73; -78; 0001362016; -34; -91; -305; -3

Servicing: Iveco; Mercedes-Benz; Khd; Fendt; Deutz-fahr; Claas; Bomag; Abg; Case; Irmer; Kramer; Sennebogen; At

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 287.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110545 Starter

Replacing: 0001359047; -124; 0001367032; r11.01; -6; -10; r11a; -f; -n; 11.130.179; -376; -414; azj3119; -234;

Servicing: Zetor; Valmet; Chang Feng (liebao); Balkancar; Dronningborg; Sampo-rosenlew; Ursus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 335.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

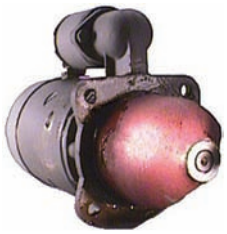


110550 Starter

Replacing: im40; im40/1; 0001402040; r10.03; -6; -7; r10b; -g; -u; 443115174642; 9174642

Servicing: Mercedes-Benz; Man; Neoplan; Steyr; Kässbohrer; Ssangyong; Volvo; Ikarus; Kaelble-gmeinder; Zts Tees

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 378.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110551 Starter

Replacing: 0001359048; 19024815; r11.02; r11b; 11.130.821; 443115144742; 9144742; 7701013039; 0001359001; -53;

Servicing: Zetor; Ursus; Same; Lamborghini

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 326.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110582 Starter

Replacing: im511; 0001410106; 0001415017; 0001416011; -52; 19024018; -46; 22608; 4784745; -7; 42498148; 10825;

Servicing: Iveco; Citroen

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110608 Starter

Replacing: 19024833; b76-0.5/12; 4287971; -2; 4288328; 4474851; -2; 46231503; -8; 77276430; -1; 63201000; -1; -

Servicing: Fiat; Renault V.i.

V. 12, **kW.** 0.5, **B+ / B-** M8, **L.** 233.75, **No. of mount. holes** 3 (0), **A.** 61.90, **B.** 7.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110932 Starter

Replacing: im332; -544; 0001410057; -68; 0001416044; 19024040; 22623; R23.24; im322; 9125430

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110980 Starter

Replacing: im561; 0001416061; 19024048; 477049; 5003312; 6340000; R23.34; 8192965; 860512; 9125500

Servicing: Volvo

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



111013 Starter

Replacing: r11.04; r11g

Servicing: Ursus

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 352.50, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111014 Starter

Replacing: r11.05; r11h

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 352.75, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 24.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111025 Starter

Replacing: 0001211536; 19024838; 534053; r80k; 46231510; 5999906; 7612952; 7621040; 76221040; 77305430; 11.130.

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 3 (2), **A.** 64.25, **B.** 11.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111046 Starter

Replacing: im602; 0001417002; 19024052; 4778060; 22702; 0060000; R22.06

Servicing: Man; Alfa Romeo; Mitsubishi; Volvo

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111218 Starter

Replacing: im528; 0001402079; 0001414011; 0001416028; 19024028; 6330000; R23.33; 860543; 9125350

Servicing: Volvo Penta

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 388.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.00, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111219 Starter

Replacing: im335; -553; -623; 0001410050; 0001411010; 0001415021; 0001416053; 0001417023; 19024047; -63; 10800;

Servicing: Volvo Penta

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.40, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111231 Starter

Replacing: im653; 0001417053; -61; 19024080; 11.139.030; azk5189; d13e107; -10; d13e110te; d13e111; d13e117te;

Servicing: Renault V.i.

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 88.95, **B.** 40.25, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111249 Starter

Replacing: im517; -27; 0001402011; -56; -58; 0001414018; 0001416017; -27; bng4/24cr165br; 19024554; 22612; 6140

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 381.80, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 48.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Bronze, **Gear** DD



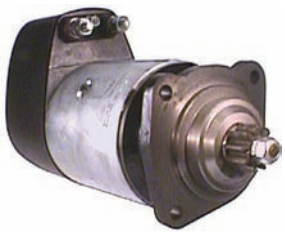
111585 Starter

Replacing: 9000330929; -48; r80c; r80c1; 46231500; 46432301; 7668988; 7737262; 63222836; -7; -97; -905; -908

Servicing: Fiat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (3), **A.** 61.90, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Miscellaneous



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110592 Starter

Replacing: im609; 0001410007; -17; -18; -34; 0001417009; 1105179; 22705; R22.09; im342

Servicing: Mercedes-Benz; Fortschritt

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 420.00, **No. of mount. holes** 0 (0), **A.** 55.20, **B.** 37.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Bronze, **Gear** DD



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110338 Starter

Replacing: r80z; mts12-22; 4198600; -1; 46231525; 77145430; aze0201; aze1501; 9141325; 63220701; -21; -31; -41;

Servicing: Fiat; Lancia; Zastava

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110352 Starter

Replacing: 0001208218; 19024839; 803000.2; e100l-1.5/12; r100.03; r100.3; mtd12-14; 4474746; -7; -50; 2100-3708

Servicing: Fiat; Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (3), **A.** 82.35, **B.** 21.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



110365 Starter

Replacing: 9000141101; -7; e80c; r80.02; mta12-39; mts12-29; -39; -42; -48; 4229113; -4; 4401806; 46231504; 597

Servicing: Fiat; Lancia; Seat; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 3 (3), **A.** 62.00, **B.** 12.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110367 Starter

Replacing: 9000141100; -3; -11; -12; 532002; -10; -17; 6128; -72; -87; -227; 6231a; -b; -c; -d; mta12-14; -9; m

Servicing: Renault; Volvo; Daf; Dacia

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



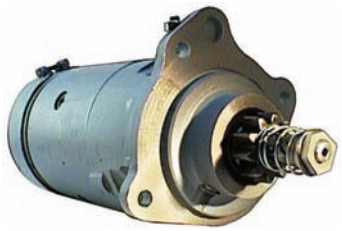
110450 Starter

Replacing: 1320035; -6; 1320f035; -6; 1320g035; -6; 1327020; 1327a020; -1; ca4512-3; ca45d12-3; ca45f12-3; ca45

Servicing: Perkins

V. 12, **kW.** 3.6, **B-** M8, **B+ / B-** M8, **L.** 370.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 47.50, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Oil sealed.



110566 Starter

Replacing: 1321021; -2; -3; -511; -513; 1321f022; 1321g022; 1321h022; 1327410; 1327a410; -1; ca4524-2; ca45d24-

Servicing: Perkins

V. 24, **kW.** 5.2, **B+ / B-** M8, **L.** 371.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.75, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110774 Starter

Replacing: 0001208203; -5; -14; -406; 534003; 6244; -5; moc12-4; mta12-8; m3t19371; 95675; d8e134; d9e18; -87

Servicing: Talbot

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 3 (0), **A.** 82.40, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110783 Starter

Replacing: 5490011; -422; 5491588; 75491615; -68; 95493755; 95495509; 95580182; 534009; 536001; 6236; -9; moc12

Servicing: Citroen

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 275.00, **No. of mount. holes** 3 (3), **A.** 98.35, **B.** 37.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110784 Starter

Replacing: 152; -3; -64; 3471152; -3; -64; -369; -397; moc12-9; 11.130.351; -600; azf3533; -60; 25292

Servicing: Opel

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 244.30, **No. of mount. holes** 2 (0), **A.** 77.90, **B.** 13.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110790 Starter

Replacing: mtd12-18; 555848; d9e11; -45; d9e7; d9e95

Servicing: Peugeot; Talbot

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 3 (0), **A.** 71.75, **B.** 43.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110793 Starter

Replacing: 0001208211; 533002; 6189; -90; -212; moc12-2; 11.130.245; -375; azf3518; -43; d8e104; -22; -24; d8e7

Servicing: Peugeot; Fiat; Citroen

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 220.50, **No. of mount. holes** 2 (2), **A.** 66.00, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110794 Starter

Replacing: 0001208228; 9000142002; 532014; 6220; -47; d8e117; -37; -51; 310008V; -17X; -18Y; 76591N; 77406S; 96

Servicing: Renault; Citroen; Peugeot; Talbot; Austin

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** 14.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110795 Starter

Replacing: 532009; -18; moc12-13; d8e142; d9e26; -37; -41

Servicing: Renault; Volvo; Daf

V. 12, **kW.** 0.8, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 11.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110796 Starter

Replacing: 7910014193; -4; 9150457580; 95580165; 532020; 6216; moa12-13; moa12-8; 555806; 558006; d8e107

Servicing: Citroen; Peugeot; Talbot

V. 12, **kW.** 0.7, **B+ / B-** M8, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** 16.10, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110821 Starter

Replacing: 5491077; 75491623; 75492269; -638; 95493129; 95494263; 95580174; gx0610501b; gx0610501br; gx0610502a

Servicing: Citroen

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 275.00, **No. of mount. holes** 2 (0), **A.** 59.00, **B.** 40.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110822 Starter

Replacing: 0001208508; -702; 9000141113; 534004; -5; -7; mtv12-8; m3t19571; d8e133; -47; d9e19; -28; -31; -32;

Servicing: Talbot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 12.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110826 Starter

Replacing: 9000141108; 07640; mts12-1; mts12-21; -3; 4142222; 4198226; -7; 4474804; -5; 77206430; 77218430; 632

Servicing: Fiat; Seat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 21.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110827 Starter

Replacing: mts12-47; 4474714; -5; 46231526; 5990470; 77168430; 63220538; -704; -724; -734; -744; e84-0.8/12v4

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (3), **A.** 67.00, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110829 Starter

Replacing: 9000334101; 5491163; 75491453; 75492472; 95492868; 95493934; 95494430; 95580166; 3471366; 532012; mt

Servicing: Citroen

V. 12, **kW.** 0.65, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 18.85, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110856 Starter

Replacing: 532021; -3; 6136; -85; -219; mta12p-7; 11.130.034; -134; aze0303; a3t02192; d8e111; -30; -31; d8e54;

Servicing: Renault

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 21.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110859 Starter

Replacing: 0001157020; -2; moa12-10; mok12-1; 77fb11000ca; -ea; 79fb11000aa; -b

Servicing: Ford

V. 12, **kW.** 0.6, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 76.10, **B.** 13.40, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111100 Starter

Replacing: 9000141015; -104; 5426014; 5433495; 5490308; 5491448; 75491723; 75492566; 95494247; 95580161; 6202;

Servicing: Citroen

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 207.75, **No. of mount. holes** 2 (0), **A.** 65.60, **B.** 19.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110224 Starter

Replacing: c2vy11002a; c5tf11001a; c5tz11001a; -2a; c7af11001f; c7zf11001a; d0af11001c; d2af11001da; d4tz11002d

Servicing: Ford; Mercury

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 250.00, **No. of mount. holes** 2 (0), **A.** 105.00, **B.** 5.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5", **Clutch type** Dry



110225 Starter

Replacing: d80f11001aa; e1af11001ba; e1af11002b; e2sf11001aa; -2aa; sa-709a; -b; 50-69865a1; 8410664; sa709a; -

Servicing: Ford; Lincoln; Mercury

V. 12, **B+ / B-** M8, **L.** 252.00, **No. of mount. holes** 2 (0), **A.** 103.80, **B.** 16.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"
Anti CW: Cargo 111213.



110226 Starter

Replacing: c30z11002c; c4tf11001b; c4tz11002b; c4vf11001a; c4vy11002a; c5af11001a; c6af11001a; c6vf11001a; c6vy

Servicing: Ford; Mercury; Lincoln

V. 12, **B+ / B-** 5/16" UNC, **L.** 248.00, **No. of mount. holes** 3 (0), **A.** 103.70, **B.** 15.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"



110227 Starter

Replacing: c20f11001a; -d; -e; c20z11001a; -2a; c2vf11002a; c30f11001a; -b; c30z11002b; c40f11001a; -b; c4zf110

Servicing: Ford

V. 12, **B+ / B-** M8, **L.** 250.00, **No. of mount. holes** 2 (0), **A.** 103.70, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"



110228 Starter

Replacing: d1af11001a; d1af11001aa; d1az11002a; d2af11001aa; -ja; d5af11001ea; d5az11002c

Servicing: Ford; Lincoln; Mercury

V. 12, **B+ / B-** M8, **L.** 249.00, **No. of mount. holes** 2 (1), **A.** 103.70, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"



110229 Starter

Replacing: c8vf11001a; -2a; c8vy11002a; -c; c9af11001a; d0vf11000a; -1a; d2af11001ea; d2vf11001aa; d30z11002a;

Servicing: Ford; Lincoln; Mercury

V. 12, **B+ / B-** M10, **L.** 249.50, **No. of mount. holes** 2 (1), **A.** 103.75, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"



110230 Starter

Replacing: d12f11001aa; -b; d1ff11001aa; d1fz11002a; d22f11001aa; -b; d2ff11001ab; d42f11001ab; -ba

Servicing: Ford; Mercury

V. 12, **B+ / B-** M8, **L.** 237.50, **No. of mount. holes** 3 (0), **A.** 103.60, **B.** 15.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4", **Clutch type** Dry



110231 Starter

Replacing: 3231371; -2; 3238665; 5752791; D6FF11001AA; -ba; d8ff11001aa; -ba; 3131372; 10465081; -2; E1FF11001B

Servicing: Jeep; American Motors

V. 12, **B+ / B-** M6, **L.** 265.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 17.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"



110232 Starter

Replacing: 3242283

Servicing: Jeep; American Motors

V. 12, **B+ / B-** M6, **L.** 239.00, **No. of mount. holes** 2 (0), **A.** 66.25, **B.** 11.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"



110289 Starter

Replacing: 028000-5330; -1; -2; -3; -4; -5; 028000-6790; 185086280; -370; -540; 28100-15010; -1; -50; 028000-91

Servicing: Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 232.70, **No. of mount. holes** 2 (2), **A.** 73.95, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110336 Starter

Replacing: 0001208219; -513; -521; -706; -715; -718; 0001211049; -206; -228; -513; -533; -989; b001111025; 1539

Servicing: Ford; Mercury; Triumph

V. 12, **kW.** 0.75, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110337 Starter

Replacing: 0001208172; -223; -232; -409; -423; 9000333115; -6; 81ab11000ba; -ca; v84fb11000aa; -ba; 25397

Servicing: Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 235.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 13.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110461 Starter

Replacing: 0001358200; -1; -2; 0001362307; 715f11000ma; 11.130.769; azj3279; 26355; -6; -88; -407; 27501; -31;

Servicing: Lancer Boss; Ford

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 12, 13, **Rotation** CR, **Drive type** Steel, **Gear** DD



110462 Starter

Replacing: 0001362067; 538501; 71yb11000aa; 11.130.579; -624; azj3182; -98; 26137; -47; -211; -213; -291; -316;

Servicing: Ford; New Holland; Buhrer; Matbro

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 319.45, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110465 Starter

Replacing: 26265; -311; -341; -431; 27511; -54; nsb535; 1526103; 1624968; 26341b; -d; -j; -2b; -2d; -2k; -2l; 2

Servicing: Ford

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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110509 Starter

Replacing: 3212235; 3229844; 3182972; c6ff11001; c6ff11001b; -d; c7ff11001b; c5ff11001d; d0ff11001b; 3182774

Servicing: American Motors; Jeep

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 265.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4"



110535 Starter

Replacing: im328; -536; 0001410111; 0001416036; 19024035; 81466036; 22620; 6210000; R23.21; 860655; C9JF11350A;

Servicing: Iveco

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110584 Starter

Replacing: 0001112007; -19; -29; -41; 91536242; 95624960; 95667752; -3; 96028857; 9605219380; 9608719280; 53405

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (1), **A.** 65.70, **B.** -7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110771 Starter

Replacing: 0001208019; -20; -27; -28; -30; -31; -40; -41; -50; -55; -206; -501; 0001211006; -7; -10; -11; -18;

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 5.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110810 Starter

Replacing: m42373; F225-18-400A; mp112038; m1t71281; m1t71281a; m1t71281ac; m1t71281b; m1t71281zc; m1t71881; m1

Servicing: Mazda; Kia; Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 3 (2), **A.** 73.50, **B.** 16.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110831 Starter

Replacing: 0001208220; -514; -519; 0001211237; -9; -515; 71bb11000e2a; -b; 73bb11000b2a; 82gb11000ba; 83bb11000

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 31.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110840 Starter

Replacing: 0001311128; 78vb11000da; 89vx11000aa; 25287; -90; -728; nsb102; 25728a; -d; 92vb11000ab; 0001108100;

Servicing: Ford

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 139.75, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110842 Starter

Replacing: 0001108035; -84; -109; -118; -119; -133; 1638243; 91gb11000ab; 91gx11000ab; 26805; 86gb11000ja; -b;

Servicing: Ford; Saab; Merkur

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 243.30, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 5.35, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



110851 Starter

Replacing: 0001110051; -65; 89bb11000ab; 91bb11000la; 91bx11000la

Servicing: Ford

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 266.50, **No. of mount. holes** 3 (3), **A.** 76.25, **B.** 14.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110859 Starter

Replacing: 0001157020; -2; moa12-10; mok12-1; 77fb11000ca; -ea; 79fb11000aa; -b

Servicing: Ford

V. 12, **kW.** 0.6, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 76.10, **B.** 13.40, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110867 Starter

Replacing: 0001110013; -9; -43; -64; -88; -104; -105; 0001317023; b001117070; 89ab11000aa; 91ab11000eb; -ga; -p

Servicing: Ford; Mazda

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 265.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 14.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110868 Starter

Replacing: 0001311023; -4; -33; -34; -37; -46; -49; -101; -109; -120; 1438288; 1568699; 5003623; 70gb11000ba; 7

Servicing: Ford; Saab; Lamborghini; Mercury; Triumph

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 255.25, **No. of mount. holes** 2 (0), **A.** 76.25, **B.** 4.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110870 Starter

Replacing: 0001311038; -48; -113; -149; 1438561; 5003639; 71bb11000ba; 76bb11000aa; -d; 85gb11000ea

Servicing: Ford; Mercury

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 256.50, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 27.30, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110998 Starter

Replacing: 0001368038; 1321182; -4; 1321f183; 1321g183; 1321h183; 1327490; 1327a490; -1; ca4524-18; ca45d24-18;

Servicing: Daf; Ford

V. 24, **kW.** 5.2, **B+ / B-** M8, **L.** 166.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111030 Starter

Replacing: 0001108020; -37; -39; -57; -83; -110; -132; -155; b001111475; 1008838; 6157877; 7085852; 87bb11000jb

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 3 (0), **A.** 76.20, **B.** 14.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

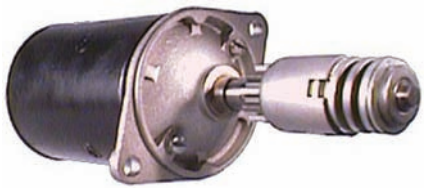


111053 Starter

Replacing: 0001211227; -32; -512; -535; 6029039; 77fb11000ba; 79fb11000ac; 81ab11000aa; -b; -db; -ea; -eb; -fa;

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 271.50, **No. of mount. holes** 3 (3), **A.** 74.00, **B.** 0.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111102 Starter

Replacing: 71ab11001ba; 25071; -5; -83; -89; -105; -112; -147; -196; -238; -345; 25083h; -a

Servicing: Austin; Vauxhall; Mg; Plymouth; Triumph; Lotus

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 310.80, **No. of mount. holes** 2 (0), **A.** 88.85, **B.** 41.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111111 Starter

Replacing: 0001218022; -106; -129; 886b11000aa; 88gb11000aa; d9r135

Servicing: Ford

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 273.75, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 22.20, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111131 Starter

Replacing: 0001112012; -6; -33; -37; 0001113003; -5; -9; 0001114014; -20; 9000333118; -9; 6157876; 6816676; 85a

Servicing: Ford; Austin; Rover; Mazda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 208.75, **No. of mount. holes** 3 (3), **A.** 76.15, **B.** 13.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111183 Starter

Replacing: e7su11000aa; e98f11000aa; -ba; e9sf11000ab; f7sz11002aa; F7SU11000A1B; F7SU11000AA; -B; sa-841; sa84

Servicing: Ford; Lincoln; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 2 (0), **A.** 103.60, **B.** 15.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111224 Starter

Replacing: 3e1864; 7n0923; 9g6941; 10461039; -303; 1113402; -640; -641; -644; -650; -651; -653; -656; -672; -67

Servicing: John Deere

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 402.50, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 47.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR
Replacing: 37MT. Oil sealed.



111300 Starter

Replacing: m2t54085; -91; m2t58981; 185086410; -291; -500; -510; SBA185086410; -500; m2t54083; 20513016; m8t700

Servicing: Ford; Volvo Penta; Bobcat

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 114.55, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 21.00, **No. of teeth** 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111370 Starter

Replacing: f02f11000aa; f02u11000aa; f02z11002a; F13U11000AA; f13z11002a; f23u11000bc; f23z11002b; f4fu11000aa;

Servicing: Ford; Mazda; Mercury

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 224.60, **No. of mount. holes** 3 (3), **A.** 76.25, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

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111374 Starter

Replacing: 1085273; 93bb11000ka; -b; -c; -d; 98bb11000aa; f3rz11002c; sa-815; y8sz11002aa; sa815; 6456; 1x4u110

Servicing: Ford; Mazda; Mercury; Jaguar

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **No. of teeth** 22, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

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111730 Starter

Replacing: f7ru11000aa; m0t80381; FP13-18-400; FP34-18-400A; les0169

Servicing: Mazda; Peugeot

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 3 (2), **A.** 73.90, **B.** 13.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111750 Starter

Replacing: 0001107014; -27; -28; 0001108087; -106; -139; -140; 81bb11000aa; 92ab11000ja; 26689; 63226689; 00011

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 3 (3), **A.** 75.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111821 Starter

Replacing: 0001107010; -38; 23300-99b15; -6; 1151641

Servicing: Nissan

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (1), **A.** 70.00, **B.** 12.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111827 Starter

Replacing: 0001108156; 7012883; 95gb11000da

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 241.00, **No. of mount. holes** 2 (2), **A.** 76.00, **B.** 3.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111844 Starter

Replacing: 3852582; f07u11000ba; f0tz11002b; F7PU11000KA; F7PZ11002KA; sa-776; -853; zzl1-18-400; sa776; -853;

Servicing: Ford; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **A.** 104.00, **B.** 14.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111900 Starter

Replacing: 0001124001; -2; 1007765; 1059564; 95vw11000cb; -ga; 97vw11000aa; d7rs30; 02a911023j; -r; 02a911024;

Servicing: Vw; Ford; Seat; Audi; Skoda; Fiat

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 235.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 53.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111906 Starter

Replacing: 0001107087; -407; 0001113010; -7; 0018882; 1011330; -1; 1018882; -3; 1063999; 1064000; 1088649; 1092

Servicing: Ford; Mazda; Volvo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 214.35, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 26.35, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111981 Starter

Replacing: 0001108019; 85gb11000da; 85gx11000da

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 243.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112016 Starter

Replacing: e3tz11002e; e47f10001aa; sa-746; sa746

Servicing: Ford

V. 12, **B+ / B-** M6, **L.** 242.00, **No. of mount. holes** 2 (0), **A.** 104.00, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4", **Clutch type** Wet



112030 Starter

Replacing: f07u11000aa; f0tz-11002-a; sa-775; ZZP5-18-400; ZZLO-18-400; ZZL0-18-400; f0tz11002a; sa775

Servicing: Ford; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.50, **No. of mount. holes** 2 (0), **A.** 106.00, **B.** 4.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112074 Starter

Replacing: 0001369015; 3918688; 81866002; 82005342; 898821291; 11.130.627; azj3201; 82007917; 82013922; 8982129

Servicing: New Holland; Ford

V. 12, **kW.** 3.1, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112089 Starter

Replacing: 0r5347; 3t2879; 3t3154; 4l9547; 4n0956; 4n956; 5l4160; -8; -9; 5l5667; -867; 8c3592; -3; 8l8206; 9l6

Servicing: International; Freightliner; Kenworth; Mack; Ford; Volvo; Case; New Holland; Caterpillar; Perkins; C

V. 12, **kW.** 3.7, **B-** M12, **B+ / B-** M12, **L.** 500.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 42MT. Oil sealed.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112141 Starter

Replacing: 0001107016; 93bb11000ca; -ha; 26695; 27004; 112066

Servicing: Ford

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112166 Starter

Replacing: 0001110069; -70; -86; -87; -118; -119; 95vw11000da; 02a911023c; -h; -q

Servicing: Vw; Ford

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 288.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Bushing D.E. (Clutch house): Cargo 140018



112177 Starter

Replacing: m1t66081; M2T58971; sba185086650; -551

Servicing: Ford; New Holland

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 213.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112235 Starter

Replacing: 1057652; 1061458; 6775703; 7177333; 93bb11000cb; -db; -hb; -hc; 96bb11000a3c; 96bb11000aa; -b; -c; f

Servicing: Ford; Mercury; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (2), **A.** 76.10, **B.** 13.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112251 Starter

Replacing: 00e091; cer3087; 1027928; 1059179; 1073108; 1093471; 755f11000bb; 795f11000ca; 835f11000aa; 835fx110

Servicing: Ford; Ldv International

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 19.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



112253 Starter

Replacing: 10465151; -314; 10479615; -8; -25; f3ht11001dc; f3hz11001b; -2b; f4ht11001ba; f7ht11001fa; -2fh; 450

Servicing: Ford; Ingersoll Rand

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 45.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.



112267 Starter

Replacing: 0001367079; Ins2800; 3909913; 10461285; 10465026; -43; -211; -365; 10479621; -4; 1113276; -92; -593;

Servicing: Ford; Cummins; Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 10, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112275 Starter

Replacing: f4pu11000aa; f4tz11002b; sa-819; m8t50171; sa819

Servicing: Ford

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 287.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 41.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112276 Starter

Replacing: f4tz11002a; f5tu11000aa; sa-817; m8t50071; 228000-8420; sa817; M8T50072; f5tu11002a; f5tu11000ab; -d

Servicing: Ford

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 288.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 34.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



112290 Starter

Replacing: 0001218105; -28; 1058429; 1061267; 1118336; 1s4u11000aa; 89ab11000ba; -ca; 91ab11000fb; -ha; -hb; 92

Servicing: Ford; Mazda

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 257.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 9.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112319 Starter

Replacing: 0001108121; 93bb11000aa; -b; 11.130.717; AZE2535; 63227004

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 242.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112340 Starter

Replacing: 0001108122; 93bb11000bb; -jb; -jc; f3rz11002b; sa-814; sa814; 63280002; 6686135

Servicing: Ford; Mazda; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 4.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112429 Starter

Replacing: 0001125018; -9; 1111210; ym2111000ba; d7rs50; 02m911023a; -c; -f; 0001125048; 915109D; 0001125049

Servicing: Audi; Vw; Ford; Seat; Skoda

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 259.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 62.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112536 Starter

Replacing: 0001208520; -4; 86bb11000na; 87bb11000aa; 87gb11000aa; 91bb11000ba; 25400; 26626; 27048; 128000-2640

Servicing: Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112584 Starter

Replacing: sa-807; F0OY11002A; e90f11000aa; -ba; e90y11002b; -a; f0ou11000aa; f23u11000aa; f23z11002a; f2du1100

Servicing: Ford; Lincoln; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 15.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112586 Starter

Replacing: F68U11000AA; -B; F68Z11002AA; f68z-11002-ab; F8DU11000AA; F8DZ11002AA; sa-871; F68U11000BA; F68Z1100

Servicing: Ford; Lincoln; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 15.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112587 Starter

Replacing: F7PU11000CA; F7PZ11002CA; sa-862; sa862

Servicing: ; Ford; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 14.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112588 Starter

Replacing: F89U11000AA; F89Z11002AA; sa-859; ZZP0-18-400; sa859

Servicing: Ford; Mercury; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 15.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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112589 Starter

Replacing: f7pu-11000-aa; f7pz-11002-aa; sa-864; f7pu11000aa; f7pz11002aa; sa864

Servicing: Thomas; Kubota; Ford Usa; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (2), **A.** 73.85, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112590 Starter

Replacing: F87U11000BA; f87z-11002-ba; sa-858; F87U11000B1A; -B; f87z11002ba; sa858

Servicing: Ford; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 105.00, **B.** 5.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112591 Starter

Replacing: 1f1u-11000-aa; 1f1z-11002-a; 1f1u11000aa; 1f1z11002a; F50U11000AA; F50Y11002A; sa-818; -96; F50U1100

Servicing: Mazda; Ford; Lincoln; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **No. of teeth** 22, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112592 Starter

Replacing: F2VU11000AD; F2VY11002A; F3LU11000AA; F4LU11000AA; sa-789; -808; f2vu11000ac; sa789; -808

Servicing: Ford; Lincoln; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (0), **A.** 76.05, **B.** 15.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



112593 Starter

Replacing: f2pz-11002-fa; F7PU11000FA; F7PZ11002FA; sa-850; f2pz11002fa; sa850

Servicing: Ford Usa

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 178.00, **No. of mount. holes** 2 (0), **A.** 105.00, **B.** 5.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112594 Starter

Replacing: F7PU11000HA; F7PZ11002HA; sa-856; sa856

Servicing: Ford Usa

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 2 (1), **A.** 103.70, **B.** 11.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112595 Starter

Replacing: F7PU11000GA; F7PZ11002GA; sa-852; sa852

Servicing: Ford

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (1), **A.** 103.65, **B.** 12.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112597 Starter

Replacing: F89U11000AB; F89Z11002BA; sa-860; F89U11000BA; -B; ZZP2-18-400A; ZZP2-18-400; sa860

Servicing: Ford; Mazda; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 15.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112599 Starter

Replacing: F87U11000CA; F89Z11002CA; F87U11000CB; F89U11000CA; sa-851; sa851

Servicing: Mercury; Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **A.** 103.65, **B.** 15.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112600 Starter

Replacing: F87U11000AA; F87Z11002AA; sa-857; F87U11000A1A; -B; ZZP1-18-400; sa857

Servicing: Ford; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (0), **A.** 103.55, **B.** 15.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112602 Starter

Replacing: F2HT11000AA; f7pu-11000-da; f7pz-11002-da; sa-854; f7pu11000da; f7pz11002da; sa854

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **A.** 103.65, **B.** 11.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112603 Starter

Replacing: f7pu-11000-ea; f7pz-11002-ea; sa-855; -85; 6641; f7pu11000ea; f7pz11002ea; sa855; -85

Servicing: Ford

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 225.50, **No. of mount. holes** 2 (0), **A.** 103.60, **B.** 12.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112604 Starter

Replacing: sa-887; yf1u-11000-aa; yf1z-11002-a; 6642; sa887; yf1u11000aa; yf1z11002a

Servicing: Ford; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 15.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



112605 Starter

Replacing: XL1U11000AA; -B; xl1u-110002-aa; XL1Z11002AA; sa-875; XL1U11000AC; sa875

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 221.00, **No. of mount. holes** 2 (0), **A.** 103.50, **B.** 51.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112606 Starter

Replacing: F6DU11000AA; F6DZ11002A; sa-821; sa821

Servicing: Ford; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **B.** 22.50, **No. of teeth** 22, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112607 Starter

Replacing: F77U11000AA; f77z-11002-a; F77Z11002AA; sa-836; f77z11002a; sa836

Servicing: Ford; Ford Usa

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 15.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112608 Starter

Replacing: F81U11000AA; -B; -C; -D; F81Z11002AA; sa-873; yc3u11000aa; sa873

Servicing: Ford; Lincoln

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 14.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112609 Starter

Replacing: 1W4U11000CA; sa-882; XW4Z11000CG; XW4U11000CG; XW4Z11002CG; sa882

Servicing: Lincoln; Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 62.00, **B.** 57.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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112646 Starter

Replacing: F6VU11000AA; F75Z11002AA; F7LU11000BA; F7LZ11002BA; sa-838; -42; -49; F75U11000AA; F7LU11000AA; sa83

Servicing: Ford; Lincoln; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 15.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



112667 Starter

Replacing: 10465402; 10479614; 323-1188; f3ht11001ab; -c; F4HT11001AA; sa-802; sa802

Servicing: Ford

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



112821 Starter

Replacing: 1120215; 1140110; 1s7u11000ba; -b; 4078768; yc1u11000ab; 1S7U11000BC; yc1u11000ac; -d; -E; 2S7T11000

Servicing: Ford; Volvo

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 250.80, **No. of mount. holes** 2 (0), **B.** 36.00, **No. of teeth** 19, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112963 Starter

Replacing: E3TZ-11002-D; E4DF-11001-AA; SA-732; E2BF11001AA; E2BZ11002A; E37F11001A; E3TZ11002D; E4DF11001AA; S

Servicing: Ford; Mercury; Merkur

V. 12, **kW.** 1.4, **B+ / B-** M6, **L.** 243.25, **No. of mount. holes** 3 (0), **A.** 104.00, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112964 Starter

Replacing: E3AF-11001-AA; E4DF-11001-BA; SA-734; SA-734A; SA-737; E25F11001AA; E25Y11002A; E25Z11002A; E3AF1100

Servicing: Lancer Boss; Ford; Lincoln; Mercury

V. 12, **No. of mount. holes** 2 (0), **A.** 103.75, **B.** 17.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



112965 Starter

Replacing: SA-738; e4tf11001aa; e3tz11002a; E4TF11000AA; SA738; e4tz11002a; e3tg11001aa

Servicing: Ford

V. 12, **B+ / B-** M6, **L.** 241.70, , **No. of mount. holes** 2 (0), **A.** 105.00, **B.** 6.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112966 Starter

Replacing: E6DF11001AA; SA-754; -60; E6DZ11002A; -C; E7DF11001AA; SA754; -60

Servicing: Ford; Lincoln; Mercury

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 211.85, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 15.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113125 Starter

Replacing: 1990347; 1993767; -854; 10461011; 323-840; E9HT11001BA; E9HZ11002A; sa-764a; 10461006; sa764a

Servicing: Ford; New Holland

V. 12, **B+ / B-** 1/2" UNC, **L.** 401.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 37MT, 41MT. Oil sealed.



113136 Starter

Replacing: M1T64285; F4XA11000BA; -b; F4XY11002A; F5XY11002A; sa-816; -20; 23300-0b711; sa816; -20; m1t68081; m

Servicing: Nissan; Mercury

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 59.90, **B.** 56.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113137 Starter

Replacing: f32z11002b; n3a1-18-400; m1t77581

Servicing: Mazda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 2 (0), **A.** 66.90, **B.** 46.50, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113216 Starter

Replacing: F0CF11000AA; F0CU11000AA; -B; -1AA; -1AB; F0FZ11002B; F4CU11000AA; sa-779; sa779

Servicing: Ford; Ford Usa; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 3 (2), **A.** 73.90, **B.** 15.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113217 Starter

Replacing: F0CF11000BA; F0CU11000BA; -1BA; F0FZ11002A; F4CU11000BA; sa-774; F4CU11000BB; sa774; lrs755

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 224.00, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 14.30, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113218 Starter

Replacing: F2TZ11002A; sa-793; F2TU11000AA; sa793; F2HT11000BA

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 2 (0), **A.** 105.00, **B.** 5.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113220 Starter

Replacing: f1tu-11000-ba; F2TZ11002C; sa-795; f1tu11000ba; sa795

Servicing: Ford

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 2 (1), **A.** 103.70, **B.** 10.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113221 Starter

Replacing: F2TU11000CA; F2TZ11002B; sa-794; F2TU11000BA; sa794

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 2 (1), **A.** 103.75, **B.** 10.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113222 Starter

Replacing: f1tz11002a; sa-785; ZZMO-18-400; f17u-11000-ab; f17u11000ab; sa785

Servicing: Ford Usa; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (0), **A.** 103.50, **B.** 14.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113223 Starter

Replacing: F2HZ11002B; sa-798; sa798

Servicing: Ford

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 2 (0), **A.** 103.70, **B.** 11.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113224 Starter

Replacing: F2HZ11002A; sa-797; sa797

Servicing: Ford

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **A.** 103.65, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



113225 Starter

Replacing: sa-786; 323-516; f1vy11002a; sa786; f2vu11000ab; sav786rm

Servicing: Ford Usa; Lincoln; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 14.35, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113226 Starter

Replacing: F67U11000AA; F671002AA; sa-831; sa831; F67Z11002AA

Servicing: Ford; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 223.45, **No. of mount. holes** 2 (0), **A.** 103.70, **B.** 14.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

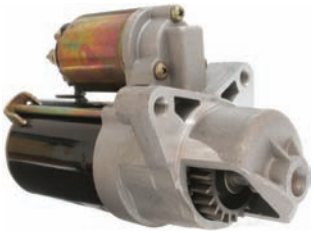


113614 Starter

Replacing: s114-757; 6803; s114-755; -6; 23300-97e00; -1; f3xa11000aa; -b; f3xy11002a; sa801; 23300-0b001

Servicing: Mercury; Nissan

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 227.00, **No. of mount. holes** 2 (0), **A.** 59.90, **B.** 55.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113701 Starter

Replacing: 1030151; 97kb11000ab; -c; 1067622; 96fb11000me; 63223538; 63293538; 95fb11000bc; -d; -g; 96fb11000md

Servicing: Ford; Mazda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 218.50, **No. of mount. holes** 3 (2), **A.** 72.00, **B.** 14.00, **No. of teeth** 23, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113702 Starter

Replacing: 228000-6481; m2t87271; M2T87271ZT; 228000-4830; -1; 228000-6482; f8ru11000aa; WL01-18-400; WL02-18-4

Servicing: Mazda; Ford

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 3 (3), **A.** 81.40, **B.** 16.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113703 Starter

Replacing: 3C3U11000AB; -C; 3C3Z11002AA; 3c3z11002a; 6c2t11000aa; 6c2z11002a

Servicing: Ford

V. 12, **kW.** 3.6, **B+ / B-** M10, **L.** 248.00, **No. of mount. holes** 2 (1), **A.** 76.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR

113728 Starter

Replacing: 8n11001; -2; 9N11001; -2; 1831810

Servicing: Ford

V. 6, **No. of teeth** 9

113729 Starter

Replacing: b5c11002a; C3NF11001A; -2D; fac11000; -1; fac11001b; -g; -h; -m; fac1101p; fac1102; fac1102b; fac110

Servicing: Ford

V. 6, **No. of teeth** 9

113762 Starter

Replacing: 1c3u11000aa; -B; -D; 2C3T11000AA; 2C3Z11002AA; 1C3U11000AE; -C; 1C2411000AA; 1C2Z11002AA; 2C2411000A

Servicing: ; Ford

V. 12, **kW.** 3.6, **B+ / B-** M10, **L.** 248.00, **A.** 89.00, **B.** 33.00, **No. of teeth** 12, **Rotation** CR, **Gear** GR



113794 Starter

Replacing: 1s7u11000ab; -c; 1120214; 1140111; 1218885; 1S7U11000AD; 20-100-01023

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 251.00, **No. of mount. holes** 2 (0), **B.** 29.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

113813 Starter

Replacing: 1l2u11000aa; -b; 1l2z11002aa

Servicing: Ford; Mercury; Lincoln

V. 12, **kW.** 1.4, **No. of teeth** 12, **Gear** GR

113814 Starter

Replacing: 3s4t11000ab; -C; 3s4z11002ab; L3H5-18-400; zzc1-18-400

Servicing: Ford

V. 12, **No. of teeth** 11, **Gear** GR



110142 Starter

Replacing: s114-156; -60; s114-160a; -b; -d; -e; -f; -g; -h; s114-163; s114-163b; -e; -f; s114-208; s114-55; -8

Servicing: Nissan

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 231.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110143 Starter

Replacing: s114-152; -5; -61; s114-161b; -e; -f; m2t10071; mca01-0; mwv10r; -1r; mwv8r; -9r; 23300-m0100; -1; -

Servicing: Nissan

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 218.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 10.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110144 Starter

Replacing: 581017; s114-103; s114-103k; -l; -m; -n; -p; s114-108; s114-108l; -m; -70b; -70e; s114-174; m3t10672

Servicing: Nissan; Tcm

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 187.00, **No. of mount. holes** 2 (0), **A.** 82.25, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110145 Starter

Replacing: s108-63; -89; s114-140; -1; -9; -210; -211; -227; -245; -269; -305; -363; 31200-634-005; -670; -671;

Servicing: Honda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 248.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 35.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110155 Starter

Replacing: s114-91; s114-91k; m3t11272; me-y1r; mea13-1; mey1r; -3r; 23300-15800; -5; -10; -15; 23300-a3200; 23

Servicing: Nissan; Hyundai; Komatsu; Tcm

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 191.00, **No. of mount. holes** 2 (0), **A.** 83.00, **B.** 7.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110156 Starter

Replacing: s114-151; -64; s114-164a; 23300-47601; 23300-48301; s114-150; s114-150l; 23300-b0700; s114-151l; 233

Servicing: Komatsu

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 218.00, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110160 Starter

Replacing: s114-232; s114-232a; s114-237; 11.130.777; 8408080; AZE2545; 5001599; -613; -614; 5003617; 5240360;

Servicing: Volvo

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 232.25, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 35.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110247 Starter

Replacing: s114-249; -72; -672; 31200-676-600; -2; -3; -4; -5; 028000-6050; -720; -721

Servicing: Honda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 222.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110249 Starter

Replacing: s114-396; s114-396d; s114-566; -606; -614; 31200-p06-l03; 31200-pe0-003; -13; -15; -901; -902; 31200

Servicing: Rover; Honda; Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 209.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 34.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110260 Starter

Replacing: lr160-12b; 028000-0510; 028000-2560; 028000-5900; 028000-7560; -1; 128000-1240; -1; 128000-8240; 281

Servicing: Toyota; Vw

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 2 (0), **A.** 73.80, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110277 Starter

Replacing: s114-121; s114-121n; s114-122; s114-172a; -d; -e; s114-173; s114-173b; -e; -f; s114-229e; -f; s114-3

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 82.35, **No. of mount. holes** 2 (0), **A.** 82.35, **B.** 6.80, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110278 Starter

Replacing: s114-319; -20; s114-320a; m2t23081; m2t25772; m3t27681; -5; -6; m3t27686d; -h; -n; m3t27688; m3t4138

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 3.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110279 Starter

Replacing: 0001112018; s114-315; -6; -64; -402; -568; m2t23181; m2t27781; m2t37081; m3t27781; m3t27781d; m3t370

Servicing: Vw; Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 227.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 40.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110280 Starter

Replacing: s114-254; s114-254a; -b; -c; -d; -f; s114-258; s114-258a; -c; s114-268; -344; m2t50171; -81; m2t5207

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 211.80, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 7.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110297 Starter

Replacing: s114-340; -1; -50; -51; 31200-pa5-004; -911; -912; -913; 31200-pa6-005; 31200-pc0-004; -15; 31200-pc

Servicing: Triumph; Honda

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 3 (1), **A.** 75.00, **B.** 32.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110308 Starter

Replacing: s114-126m; s114-139; -80; s114-180b; -e; -f; -g; -m; s114-181; -2; s114-182g; s114-295; s114-295a; -

Servicing: Nissan

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110309 Starter

Replacing: s114-255a; s114-296; s114-296a; -b; -c; -d; s114-304; -459; m2t52871; -81; -82; 23300-w1000; -1; -2;

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 120.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 8.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110310 Starter

Replacing: s114-389a; -90a; m2t30881; m3t30581; m3t30581h; -j; m3t30583; m3t41581; 23300-01e00; -10; -11; -12;

Servicing: Nissan

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 189.25, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 2.50, **No. of teeth** 8, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110316 Starter

Replacing: s13-121; -321; s13-62; s13-62a; -b; -c; s13-83; 8411155670; 8941150670; 8941155670; -1; -2; 89413644

Servicing: Isuzu; Bedford; Vauxhall; Chevrolet

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 222.50, **No. of mount. holes** 2 (0), **A.** 88.75, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110332 Starter

Replacing: s114-162a; -d; s114-70; -2; -92; 23300-10605; -15; 23300-b5000; -1; -2; -10; -11; s114-162b; s114-16

Servicing: Mercury; Nissan

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 21.45, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

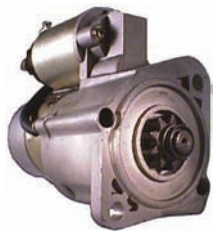


110355 Starter

Replacing: s12-41a; s12-59; 44-2918; 44-5443; 581100-103-0; s12-41

Servicing: Thermo King

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 284.00, **No. of mount. holes** 2 (2), **A.** 95.00, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110386 Starter

Replacing: s12-19; s12-19c; -k; s12-19kb; s12-63; s12-63a; -b; -c; s12-68; s12-68a; -b; -d; s13-36; s13-38a; -b

Servicing: Nissan

V. 12, **kW.** 1.9, **B+ / B-** M8, **L.** 242.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110412 Starter

Replacing: s13-06a; s13-27; -8; s13-33a; -b; 5811000800; -1; 5811001111; -2; -331; 8941365070; 0-21000-4230; -1

Servicing: Isuzu; John Deere; Tcm

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 233.80, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 20.30, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110417 Starter

Replacing: s114-235; s114-235a; s114-625; 121450-77010; 124395-77010; S114-231B; 20513025

Servicing: Yanmar

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (0), **A.** 89.00, **B.** 17.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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110439 Starter

Replacing: 0001362008; 9000143400; 6127; -232; s12-85; -7; 10.130.141; 11.130.074; -194; -408; -711; azj0404; a

Servicing: Massey Ferguson; Buhrer; Compair; Eicher

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 309.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110443 Starter

Replacing: s12-84; 26148; -96; -283; -375; -418; -422; 26925194d; 27417; -35; -67; -72; -78; -86; nsb503; 1873a

Servicing: Rover; Massey Ferguson; Balkancar; Dronningborg; Matbro

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110462 Starter

Replacing: 0001362067; 538501; 71yb11000aa; 11.130.579; -624; azj3182; -98; 26137; -47; -211; -213; -291; -316;

Servicing: Ford; New Holland; Buhrer; Matbro

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 319.45, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110467 Starter

Replacing: s25-131; s25-131a; -55c; -55d; 23300-c6801; 23300-c8703; 23300-c6800

Servicing: Nissan

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 289.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 10.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110477 Starter

Replacing: s114-192; -202; s114-202a; s114-247; s114-247a; -b; -c; s114-270; -1; 8942044380; 8942340650

Servicing: Isuzu; Chevrolet; Gmc; Opel; Buick

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 205.00, **No. of mount. holes** 2 (0), **A.** 88.50, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110478 Starter

Replacing: s114-293; -367; s13-49a; s13-65; m2t51082; -3; 23300-w1701; -2; -11; -12; 23300-w2500; -801; -802; s

Servicing: Nissan

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 8.00, **No. of teeth** 9, 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110480 Starter

Replacing: s114-393; s114-393a; m2t52981; m2t53781; 23300-04e00; -1; -2; -10; 23300-d0310

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 203.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 3.50, **No. of teeth** 8, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



110485 Starter

Replacing: s114-116; -46; -244; -257; s114-257a; -c; -d; -g; s114-349; s114-349a; -b; s114-483; ch12741; 028000

Servicing: Chrysler; Yanmar; Thermo King

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 21.00, **No. of teeth** 15, **Rotation** CR, **Drive type** Steel, **Gear** GR



110494 Starter

Replacing: s13-84; s13-84b; 5811000860; 8941492490; 028000-5050; -60; 45-1229; -85; 128170-77201; oms132; 11093

Servicing: Thermo King

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (2), **A.** 95.00, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110552 Starter

Replacing: 0001107078; s114-381; 185086610; 185-2166; 112293

Servicing: Ford; John Deere; Volvo Penta; Jcb

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110565 Starter

Replacing: 19024817; 538502; -5; s12-73; s13-73; s13-73b; s13-74; 11.130.076; -200; -373; -386; -411; -419; -50

Servicing: Massey Ferguson; Eicher

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 313.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110573 Starter

Replacing: s12-58; s13-120a; -b; s13-75; -82; s13-82a; -b; 5811210140; 8944532120; 028000-6440; 128000-2880; 89

Servicing: Isuzu; Hyster; Daewoo

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 21.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110574 Starter

Replacing: s13-106a; -b; -c; -e; s13-307a; s13-327; 23300-10t01; 23300-80g00; s13-106; -212; -213; 23300-6T000;

Servicing: Nissan

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 224.00, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 11.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110575 Starter

Replacing: s114-105; s13-105; s13-105a; s13-305; s13-305a; 23300-54a00; -1; -5

Servicing: Nissan

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 218.00, **No. of mount. holes** 2 (0), **A.** 82.55, **B.** 3.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110580 Starter

Replacing: s25-103; 1811001410; -891; 5811000180; -252; 5811001180; 028000-6200; 0-21000-3291; -600; -650; -660

Servicing: Isuzu

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 358.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110616 Starter

Replacing: s25-64; s25-64b; -e; s25-75; s25-75a; 23300-90060; 23300-l6000; s25-110a; -c; -g; 23300-z5005; -505;

Servicing: Nissan

V. 24, **kW.** 4.5, **B+ / B-** M8, **L.** 292.00, **No. of mount. holes** 3 (0), **A.** 104.80, **B.** 33.80, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110617 Starter

Replacing: s114-184; -23k; 23300-c0600

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 269.00, **No. of mount. holes** 2 (0), **A.** 82.35, **B.** 31.35, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110717 Starter

Replacing: s13-50; s13-50a; s13-64; m2t54871; -81; -82; 23300-v0711; 23300-w1800; -10; -11

Servicing: Nissan

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 7.70, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110718 Starter

Replacing: s114-290; s114-290a; -b; 8941155650

Servicing: Isuzu; Bedford; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 88.75, **B.** 21.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110719 Starter

Replacing: s12-38; -92; s13-104; -34a; s13-40; s13-40a; s13-45; s13-45a; -b; s13-63; s13-92a; 23300-10g02; 2330

Servicing: Nissan

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 227.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110723 Starter

Replacing: s24-03a; -b; -c; s25-120; -212; 5811001280; -2; -92; 8942549221; 8943205310; 8943334380; s25-120a

Servicing: Isuzu

V. 24, **kW.** 3.5, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110807 Starter

Replacing: s114-550; s114-550a; kk0218400; kk37018400a; kk40118400; kky0218400; ky0218400; mb30118400c; hsc1081

Servicing: Mazda; Opel; Kia; Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 197.25, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 20.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110820 Starter

Replacing: s12-89; s13-289; s13-89; s13-89a; -b; -c; -d; 8941475492; 8944299772; 8971185420; 45-1263; -671; S13

Servicing: Thermo King

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 18.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110824 Starter

Replacing: 0001311041; -118; -122; -136; -137; -140; -141; -142; -143; s114-297; m1t50071; d10e75; -81; -83; 03

Servicing: Audi; Vw; Porsche

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 255.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 20.60, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111010 Starter

Replacing: 0001108001; -2; -9; -10; -16; -17; -26; -27; -28; -72; -73; -101; -102; s114-501; s114-501a; 5024621

Servicing: Audi; Vw; Citroen

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 243.25, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 20.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111023 Starter

Replacing: s114-461; s114-461a; -b; 23300-85e00; -1

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 221.25, **No. of mount. holes** 2 (0), **No. of teeth** 21, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111058 Starter

Replacing: 0001113001; -2; 0001211525; -6; -9; -30; s114-554; s114-554a; 63221305; -6; -35; -535; d9e114; 03691

Servicing: Vw; Seat; Audi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 215.50, **No. of mount. holes** 3 (2), **A.** 82.35, **B.** 14.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140500



111059 Starter

Replacing: 0001106002; 0001107007; -8; 0001112003; -4; 0001114005; -6; 0001208416; -7; -8; -9; 0001211257; -8;

Servicing: Vw; Seat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140008.



111098 Starter

Replacing: s114-385; 5811001920

Servicing: Iseki

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 212.50, **No. of mount. holes** 2 (0), **A.** 80.00, **B.** 22.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111120 Starter

Replacing: 0001218004; -5; -17; -111; -112; -130; b001233104; -12; s13-91; s13-91a; 1257939; 1328392; 5002050;

Servicing: Vw; Volvo

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.65, **No. of mount. holes** 2 (2), **A.** 82.35, **B.** 21.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111136 Starter

Replacing: s114-473; -80; s114-480a; -b; 8943863280; 8944548911; 8944839180; 8971177700; 1202009; -26; -136; 94

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (1), **A.** 77.90, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111182 Starter

Replacing: s114-418; -9; s114-419a; s114-424; s114-424a; s114-556; s114-556a; s114-557; s114-557a; m3t40471; m3

Servicing: Subaru

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 213.75, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 39.80, **No. of teeth** 8, 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111247 Starter

Replacing: s24-07; s25-121a; 8944234520; 8944569000; S25-121

Servicing: Isuzu

V. 24, **kW.** 3.5, **B+ / B-** M8, **L.** 243.25, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

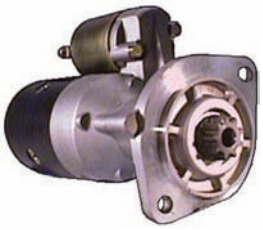


111274 Starter

Replacing: s114-481; s114-481a; 8943325860; 8971177690; 8971777690; 1202015; 94332586; 97117769; 20500849; 1202

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 3 (1), **A.** 77.50, **B.** 18.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111276 Starter

Replacing: s114-429; s114-429a; 8941333381

Servicing: Isuzu

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 204.50, **No. of mount. holes** 2 (0), **A.** 79.80, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111303 Starter

Replacing: s114-570; s114-570a; -b; -c; s114-758; -75; s114-775a; 26667; 27022; -43; -47; m0t70281; -5; m2t4117

Servicing: Nissan; Jaguar

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 185.15, **No. of mount. holes** 2 (1), **A.** 69.95, **B.** 11.15, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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111312 Starter

Replacing: 9007045016; s114-535; -630; -769; s114-769a; m0t80285; m0t80285a; m1t77281; m2t49283; m3t37783; 2330

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 221.70, **No. of mount. holes** 2 (0), **A.** 69.85, **B.** 41.65, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR



111382 Starter

Replacing: s114-801a; -b; -c; -d; 23300-2y900; 23300-31u00; -1; -2; S114-801

Servicing: Nissan; Infiniti

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 229.85, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 56.25, **No. of teeth** 8, 10, 11, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111441 Starter

Replacing: s114-317; s114-317a; -b; s114-318; s114-318a; 23300-01b00; 23300-m8100; -1; -300; -301

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 201.15, **No. of mount. holes** 2 (0), **No. of teeth** 24, 25, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111444 Starter

Replacing: s114-322; s114-322a; 23300-d0300; -1

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, , **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 3.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111445 Starter

Replacing: s13-101; -2; -302; s13-302a; -b; s13-502a; 23300-0y000; -1; -5; 23300-v7200; -60; 23300-vb300; -c0

Servicing: Nissan; Toyota

V. 12, **kW.** 2.0, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 83.00, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111448 Starter

Replacing: s13-66; s13-66a; m2t54771; m2t61272; 23300-w2803; -4; 23300-w3410

Servicing: Nissan

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 8.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111450 Starter

Replacing: s114-374b; s114-403b; s114-458; 23300-22p00; 23300-v5302

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 82.25, **B.** 14.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111452 Starter

Replacing: s114-505; s114-505a; s114-780; -839; m3t21281d; m3t21882d; m3t41185; 23300-00h10; 23300-20p00; -5; 2

Servicing: Tcm

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 191.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 7.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111459 Starter

Replacing: s114-520a; -b; s114-530; -3; -4; -750; -766; s114-766a; s114-767; -800; s114-800a; -b; m1t72085; m1t

Servicing: Nissan; Jaguar

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 2 (1), **A.** 69.90, **B.** 11.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR

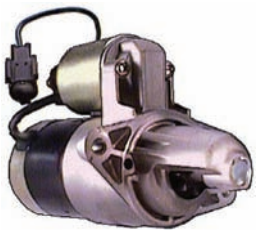


111473 Starter

Replacing: s114-558; s114-700a; -b; s114-701; s114-701a; -b; s114-701br; s114-804; s114-804a; s114-805; s114-80

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 42.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111488 Starter

Replacing: s114-519a; -25a; m1t72281; m1t72281a; m1t72285; m1t72781a; -b; m2t72781; 23300-30p14; -r01; -r02; -r

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 3 (3), **A.** 70.00, **B.** 28.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111506 Starter

Replacing: s13-131; -331; -531; m2t61871; m2t61871a; -b; 23300-3m000; -10; 23300-57j00; -5; -11; -13; M2T62071;

Servicing: Nissan

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 230.35, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 3.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111534 Starter

Replacing: s114-850; s114-850a; -b; 8971333690; -1; -2; 8971502030; 1202033; -161; S114-850C; 97150203; 2050097

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (1), **A.** 77.90, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111549 Starter

Replacing: s114-705; s114-705a; -b; -c; -d; -e; s114-762; s114-762a; -b; s114-827; m1t60581; m1t61181; 23300-52

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 3.65, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111558 Starter

Replacing: s25-156; 23300-c8601

Servicing: Nissan

V. 24, **kW.** 3.5, **B+ / B-** M8, **L.** 333.60, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 9.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111559 Starter

Replacing: s13-112; s13-112a; s13-114; s13-114a; s13-210b; -c; s14-203; 8944339120; -1; 8944604170; -1; 8971125

Servicing: Isuzu; Opel; Vauxhall

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 223.50, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111560 Starter

Replacing: s114-362; s114-362a; m2t37281; 128000-0350; -1; 128000-1890; 128000-2550; -1; -800; 23300-ka470; -1;

Servicing: Subaru

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 232.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 39.15, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



111566 Starter

Replacing: s114-526; s114-526a; -b; 23300-01n00

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 82.35, **B.** 7.85, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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111586 Starter

Replacing: s114-482

Servicing: Geo; Suzuki

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111608 Starter

Replacing: s114-523; 26813; -34; -41; -45; m1t72981; m1t72981a; m1t78881; 23300-4e210; 23300-53j11; -2; 23300-6

Servicing: Nissan; Infiniti

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 2 (2), **A.** 82.25, **B.** 43.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111618 Starter

Replacing: s25-106; s25-106a; s25-129; s25-129a; -c; s25-132; s25-132a; -b; -c; -f; 23300-t7201; -0; 23300-t340

Servicing: Nissan

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 241.00, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111634 Starter

Replacing: s114-252; s114-252a; -c; -e; -f; m2t52271

Servicing: ; Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 203.00, **No. of mount. holes** 2 (0), **A.** 69.90, **B.** 12.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111683 Starter

Replacing: 5811001660; -1; -2; -3; -830; -860; 8944489590; -1; 8971353432; 028000-7000; -1; -2; -3; -790; -791;

Servicing: Isuzu; Opel; Iseki; Tcm; Chevrolet; Gmc

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 232.50, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 19.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111690 Starter

Replacing: s114-808; s114-808a; 8971502040; -1; 1202157; S114-808B

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 193.50, **No. of mount. holes** 2 (1), **A.** 78.00, **B.** 19.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111706 Starter

Replacing: s114-303; s114-303a; 128170-77010; 128170-77010d

Servicing: Yanmar

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 217.00, **No. of mount. holes** 2 (0), **A.** 69.90, **B.** 17.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111731 Starter

Replacing: s114-471; s114-471a; s114-472; s114-472a; 23300-03j00; 23300-37j00; -5; 23300-52h00

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111762 Starter

Replacing: s114-503; s114-503a; s114-516; 23300-12g02; -3; -5; S114-516B; -a

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 13.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111763 Starter

Replacing: s114-528; s114-528a; 23300-88g00; -1

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 196.50, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111766 Starter

Replacing: s114-323; 6e5818-0011; s114-323a; -b; -c; 6e5-81800-10; -1; -2

Servicing: Yanmar; Yamaha

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 222.00, **No. of mount. holes** 2 (2), **A.** 67.00, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111805 Starter

Replacing: 9000331201; -3; 17610-q1010; s13-107; s13-107a; s13-127; s13-127a; -c; 23300-10t02; 23300-g2403; -4;

Servicing: Nissan; Ford

V. 12, **kW.** 2.5, **B+ / B-** M8, **L.** 243.00, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111836 Starter

Replacing: 31570-73b; -c; -t; s108-41

Servicing: Harley Davidson

V. 12, **B+ / B-** M6, **L.** 176.00, **No. of mount. holes** 0 (0), **A.** 24.50, **B.** 23.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111840 Starter

Replacing: s108-116; -61f; 21163-3710; S108-61; S108-61A; -B; -C; -D; -E; -G; 21163-3001; -2; -3; -711; 21163-5

Servicing: Kawasaki

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 2 (2), **A.** 62.00, **B.** 27.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112008 Starter

Replacing: s108-112; s108-94; s114-120; 31100-94400; -1; -2; 31100-96310; -1; S108-94A; -120

Servicing: Suzuki

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 201.00, **No. of mount. holes** 2 (2), **A.** 67.00, **B.** 30.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112083 Starter

Replacing: s14-03; 8943876530; 1202154; 97136688; 94387653; s13-514

Servicing: Opel; Vauxhall

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112216 Starter

Replacing: s114-432a; s114-452; s114-452a; s114-456; s114-456a; s114-460; s114-460a; -b; s114-464; s114-464a; -

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **B.** 14.00, **No. of teeth** 21, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112291 Starter

Replacing: S114-655D; -a; 119631-77011; -0; 119255-77010; 228000-5750; s114-624; -55

Servicing: Yanmar

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 190.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112296 Starter

Replacing: s114-194; 104211-77010; -1; 114211-77010; s114-134

Servicing: Yanmar

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



112320 Starter

Replacing: s114-829; s114-829b; 8971891181; 6202000; 97189118; S114-869; 112335; 20510224; les0130; S114-829C;

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (1), **A.** 77.90, **B.** 19.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



112365 Starter

Replacing: s13-122; -6; -322; -326; 23300-1s900; 23300-54t00; 23300-90067; -9; 110566; 7383-10000; s13-126a

Servicing: Nissan

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 224.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112371 Starter

Replacing: 129486-77011; s13-207c; S13-207; S13-207A; 45-1688; 126486-77010; -1

Servicing: Toyota; Thermo King; Yanmar

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112373 Starter

Replacing: s114-653a; -b; 119225-77010; 119226-77010; s114-653; -443; s114-443a; am878176; 119225-77011; am8750

Servicing: Yanmar

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (0), **A.** 80.00, **B.** 13.60, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112374 Starter

Replacing: s13-41; s13-41a; -b; -d; 121254-77011; -2; s13-78; 171058-77010; s13-41c; 121254-77010; -9; LES0113;

Servicing: Yanmar

V. 12, **kW.** 2.5, **B+ / B-** M8, **L.** 240.50, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.50, **No. of teeth** 15, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112382 Starter

Replacing: 46429594; 46763529; 63101015; -8; 63102007; -18; -20; 46740242; S114-903; S114-903A

Servicing: Fiat; Lancia

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 191.00, **No. of mount. holes** 3 (1), **A.** 64.50, **B.** 10.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112478 Starter

Replacing: s114-414; s114-414a; s114-651; s114-651a; 114362-77010; 114361-77010; -1

Servicing: Yanmar

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 16.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112659 Starter

Replacing: s114-213; s114-213a; 23100-0c401; 21070-50210; s114-662; 21070-50200

Servicing: Bobcat; Subaru

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 218.00, **No. of mount. holes** 2 (0), **A.** 62.00, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112672 Starter

Replacing: s13-138a; 129953-77010; s13-138; 129953-77019

Servicing: Yanmar

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 292.00, **No. of mount. holes** 2 (0), **A.** 94.45, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112674 Starter

Replacing: s114-230; 124070-77010; s114-230a

Servicing: Yanmar

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 89.00, **B.** 24.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112675 Starter

Replacing: s114-817; s114-817a; 129608-77010

Servicing: Yanmar

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112676 Starter

Replacing: s13-204; MG120558

Servicing: Komatsu; Yanmar

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 233.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112677 Starter

Replacing: s108-76; S108-76B; -A; 21163-2106; -12; 316611-8310-ba; am120843

Servicing: Kawasaki

V. 12, **kW.** 0.4, **B+ / B-** M8, **L.** 216.30, **No. of mount. holes** 2 (0), **A.** 61.90, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112844 Starter

Replacing: S114-754A; s114-754; m1t73881zc; m1t73881; 23300-1e410; 23300-4e100; 23300-1e400

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 206.70, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 28.60, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112982 Starter

Replacing: s114-306; -9; -605; -607; s114-607a; -b; -c; 23300-17c00; -5; 23300-18c00; -1; -2; -3; m3t38482; -3

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 190.50, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 7.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112983 Starter

Replacing: s114-430; s114-430a; -b; 23300-16e01; -3; s114-439; s114-439a; 23300-16e02; -4

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 227.00, **No. of mount. holes** 2 (0), **No. of teeth** 21, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet



112984 Starter

Replacing: m3t26685; 23300-37a10; s114-441; s114-441a; -11b; 23300-37a00; -1; s114-441b

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 2 (0), **No. of teeth** 21, 25, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet

Abbrevations, see first pages.
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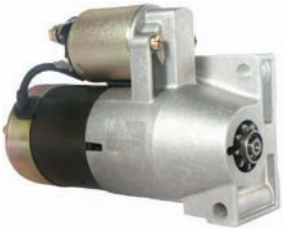


112985 Starter

Replacing: s114-527; s114-527a; -b; 23300-g8400; -1

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 220.10, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 6.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112986 Starter

Replacing: S114-753; S114-753C; -a; 2912762340; 8912762340; 8943647220; -1; 8971239230; 8-94384314-01; S114-753

Servicing: Acura; Isuzu

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 2 (0), **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113043 Starter

Replacing: 5234361; m1t74481; -2; M1T73581; 4609001

Servicing: Dodge; Eagle

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 3 (3), **A.** 82.00, **B.** 3.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113191 Starter

Replacing: 23300-34t00; s25-158a; -b; 23300-6J02; -4; s25-158; 23300-06j02; -4; s25-160; 23300-06j01

Servicing: Nissan; Scania

V. 24, **kW.** 3.5, **B+ / B-** M8, **L.** 301.00, **No. of mount. holes** 3 (0), **A.** 104.90, **B.** 10.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113210 Starter

Replacing: m2t64371; -2; -3; 23300-t9005; -7; -9; s24-01b; -c; -d; s25-125a; -b; s25-302; 23300-t9000; s25-303a

Servicing: Nissan

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 11.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR



113408 Starter

Replacing: 121370-77010; 129698-77010; s114-815; s12-47; s114-815a

Servicing: Honda; Yanmar

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 193.00, **No. of mount. holes** 2 (0), **A.** 94.85, **B.** 19.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113494 Starter

Replacing: s108-101

Servicing: Subaru

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 200.00, **No. of mount. holes** 2 (0), **B.** 31.50, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113505 Starter

Replacing: s114-576

Servicing: Mitsubishi

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 189.35, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 9.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113614 Starter

Replacing: s114-757; 6803; s114-755; -6; 23300-97e00; -1; f3xa11000aa; -b; f3xy11002a; sa801; 23300-0b001

Servicing: Mercury; Nissan

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 227.00, **No. of mount. holes** 2 (0), **A.** 59.90, **B.** 55.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113661 Starter

Replacing: s114-613; S114-613A; 124190-77010; -1

Servicing: Yanmar

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 190.00, **No. of mount. holes** 2 (0), **A.** 80.00, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113675 Starter

Replacing: s25-163f; s25-171; -501; s25-501a; -B; s25-168a; s25-168; s25-163g; -a; -b; -c; -e; S25-163; 8970324

Servicing: Isuzu; Nissan

V. 24, **kW.** 4.0, **B+ / B-** M8, **L.** 235.50, **No. of mount. holes** 2 (0), **A.** 93.90, **B.** 44.10, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113680 Starter

Replacing: s114-656a; 119865-77012; -0; -1; S114-656; -203

Servicing: Yanmar

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (0), **A.** 88.70, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

113717 Starter

Replacing: s114-652c; -d; 124097-77010; s114-652p; -a; -b; s114-652

Servicing: Yanmar

V. 12, **kW.** 0.9, **No. of teeth** 9

113733 Starter

Replacing: S14-100D; st14-100e; 97209548; 97720446; 8972095483; -4; s14-100e; S14-101

Servicing: Chevrolet

V. 12, **kW.** 2.2, **No. of teeth** 9

Abbrevations, see first pages.
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110160 Starter

Replacing: s114-232; s114-232a; s114-237; 11.130.777; 8408080; AZE2545; 5001599; -613; -614; 5003617; 5240360;

Servicing: Volvo

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 232.25, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 35.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110206 Starter

Replacing: 002/511; -601; -608; -611; -702; -801; -808; -809; -901; -904; -906; -909; im310; -502; -523; 000141

Servicing: Mercedes-Benz; Ford; Man; Neoplan; Kässbohrer; Claas; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 92.25, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110338 Starter

Replacing: r80z; mts12-22; 4198600; -1; 46231525; 77145430; aze0201; aze1501; 9141325; 63220701; -21; -31; -41;

Servicing: Fiat; Lancia; Zastava

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110339 Starter

Replacing: 0001211213; -4; -6; -7; -30; -31; -33; -34; -35; -36; -38; -502; -503; -510; -511; -527; -528; 90006

Servicing: Audi; Vw

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 228.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 14.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140018.



110351 Starter

Replacing: 0001108099; b001111273; 11.130.505; -93; aze2512; azf3555; 2103-12vip54; 2108-3708010; -9; 293708; 4

Servicing: Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 34.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140043



110365 Starter

Replacing: 9000141101; -7; e80c; r80.02; mta12-39; mts12-29; -39; -42; -48; 4229113; -4; 4401806; 46231504; 597

Servicing: Fiat; Lancia; Seat; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 3 (3), **A.** 62.00, **B.** 12.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110367 Starter

Replacing: 9000141100; -3; -11; -12; 532002; -10; -17; 6128; -72; -87; -227; 6231a; -b; -c; -d; mta12-14; -9; m

Servicing: Renault; Volvo; Daf; Dacia

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110368 Starter

Replacing: 0001362001; -2; -29; -30; -47; -600; 9000143406; -8; 19024239; -49; 11.130.300; -99; -885; azj3107;

Servicing: Mercedes-Benz; Seat; Audi; Volvo

V. 12, **kW.** 2.3, **B+ / B-** M10, **L.** 289.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 18.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110409 Starter

Replacing: im34/4; 0001401005; -36; -37; -44; -45; 0001413003; 0001418002; bng4/12; 19024001; -563; 0001400006;

Servicing: Ford; Mack; Sennebogen; Kaelble

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110410 Starter

Replacing: 0001211223; -4; -55; -56; 9000692015; r80.03; r80g; 11.130.334; azf3527; 25349; -50; -51; 26604; -6;

Servicing: Vw; Austin; Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 34.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110439 Starter

Replacing: 0001362008; 9000143400; 6127; -232; s12-85; -7; 10.130.141; 11.130.074; -194; -408; -711; azj0404; a

Servicing: Massey Ferguson; Buhrer; Compair; Eicher

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 309.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110442 Starter

Replacing: 26151; -98; -281; 26281r; 27415; -73; -79; nsb500; -1; 2707130; 1873a013; -5; 2872d002; 2873119; -23

Servicing: Massey Ferguson; Balkancar; Conveyancer; Matbro

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110449 Starter

Replacing: 1320015; -23; -27; -29; -510; -513; -515; 1320f022; -7; -515; 1320g027; 1320h027; 1327010; 1327a010;

Servicing: Massey Ferguson; Caterpillar; Dronningborg; Hyster; Perkins

V. 12, **kW.** 3.6, **B+ / B-** M8, **L.** 370.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 48.75, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110461 Starter

Replacing: 0001358200; -1; -2; 0001362307; 715f11000ma; 11.130.769; azj3279; 26355; -6; -88; -407; 27501; -31;

Servicing: Lancer Boss; Ford

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 12, 13, **Rotation** CR, **Drive type** Steel, **Gear** DD



110462 Starter

Replacing: 0001362067; 538501; 71yb11000aa; 11.130.579; -624; azj3182; -98; 26137; -47; -211; -213; -291; -316;

Servicing: Ford; New Holland; Buhrer; Matbro

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 319.45, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

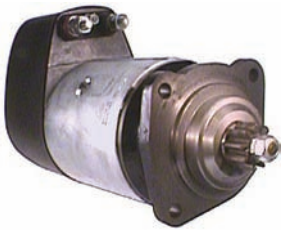


110464 Starter

Replacing: 26153; -66; -286; 27419; -65; nsb515; 2873126; -53; 2873a016; -105; 202-34960; 272-905; lrs138; 2747

Servicing: Lancer Boss; Carbodies; Daf

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 336.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110517 Starter

Replacing: 0001363101; -11; 19024242; 12080; 4691200; 4706931; 4744841; 4752403; 4807377; 6706931; 77050561; 77

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 3.2, **B+ / B-** M10, **L.** 295.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110518 Starter

Replacing: 0001360063; 0001368020; 859542; 2998201; 19024232; -56; 11430; 42498212; 4706008; 4716026; -62; 4737

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110519 Starter

Replacing: 0001359071; 0001367030; 19024229; 22626; 4713805; 11.130.862; azj3299; 4737758; 4755112; 63216802; -

Servicing: Volvo; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110520 Starter

Replacing: 0001360007; -27; 0001368021; 19024201; 10450; r10.05; r10ta; 4706720; 4737757; 4755113; 77065560; 77

Servicing: Fiat-Allis; Cummins

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110521 Starter

Replacing: 0001360015; -43; 0001368019; 19024231; 11380; -930; 4172004; 4187587; 4231018; 4232191; 4269114; 468

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 111.00, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110522 Starter

Replacing: 0001359122; 0001367029; 19024202; -53; 11420; 14650; r11.03; r11c; 4737759; 4807376; 11.130.366; -69

Servicing: Fiat; Fiat-Allis; New Holland; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110523 Starter

Replacing: 0001360012; -4; -35; 0001368001; -7; 859539; 19024226; -34; -813; 11580; r10.08; 11.130.075; -141; -

Servicing: Iveco; Case; Abg; Ahlmann; Payloader; Compair; Khd

V. 24, **kW.** 4.8, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110524 Starter

Replacing: 0001360022; -34; -37; -52; -65; 0001368022; -4; -55; -62; -300; -307; -309; 9000083065; 9000143601;

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110525 Starter

Replacing: 0001359043; -84; 0001367034; -59; -300; -301; -303; 9000083028; -54; 9007044002; 2998000; 19024205;

Servicing: Mercedes-Benz; Claas

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110527 Starter

Replacing: 0001360010; -7; -38; -39; -57; 0001368002; -10; -301; 859535; 1321780; 1321f780; -904; 2996101; 2998

Servicing: Scania; Steyr

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110529 Starter

Replacing: 0001359021; -102; 0001367023; -8; 2998200; 19024230; 11370; r11.07; r11w; 4172113; 4699705; 4702248;

Servicing: Fiat; Fiat-Allis; Agrifull; Benfra; Iveco

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110530 Starter

Replacing: 0001354014; -90; 0001358003; -6; -20; -51; 0001359004; -108; 0001362022; -35; 0001367013; 19024238;

Servicing: Lamborghini; Same; Huerlimann

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 22.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110536 Starter

Replacing: 0001358027; -46; -49; -73; -305; 0001359012; -27; -46; -49; -73; -78; 0001362016; -34; -91; -305; -3

Servicing: Iveco; Mercedes-Benz; Khd; Fendt; Deutz-fahr; Claas; Bomag; Abg; Case; Irmer; Kramer; Sennebogen; At

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 287.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110537 Starter

Replacing: 012/810; im34; im34/1; -3; im401; -12; 0001401011; -7; -25; -34; -35; -49; -50; -56; -66; 0001413001

Servicing: Volvo Bm

V. 12, **kW.** 3.6, **B-** M10, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

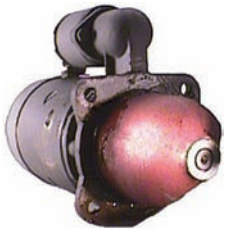


110545 Starter

Replacing: 0001359047; -124; 0001367032; r11.01; -6; -10; r11a; -f; -n; 11.130.179; -376; -414; azj3119; -234;

Servicing: Zetor; Valmet; Chang Feng (liebao); Balkancar; Dronningborg; Sampo-rosenlew; Ursus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 335.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110551 Starter

Replacing: 0001359048; 19024815; r11.02; r11b; 11.130.821; 443115144742; 9144742; 7701013039; 0001359001; -53;

Servicing: Zetor; Ursus; Same; Lamborghini

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 326.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110565 Starter

Replacing: 19024817; 538502; -5; s12-73; s13-73; s13-73b; s13-74; 11.130.076; -200; -373; -386; -411; -419; -50

Servicing: Massey Ferguson; Eicher

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 313.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110584 Starter

Replacing: 0001112007; -19; -29; -41; 91536242; 95624960; 95667752; -3; 96028857; 9605219380; 9608719280; 53405

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (1), **A.** 65.70, **B.** -7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110585 Starter

Replacing: 0001208515; -7; -26; -28; -717; 9000333117; 534029; -31; -42; -43; -57; 11.130.208; -346; -582; -790

Servicing: Renault; Volvo

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.15, **No. of mount. holes** 4 (4), **A.** 66.00, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110587 Starter

Replacing: 0001208516; -707; 9150747780; -880; 9150864480; -580; 95508644; 95607229; 534039; 8293; -4; 11.130.2

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 3 (3), **A.** 66.05, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110608 Starter

Replacing: 19024833; b76-0.5/12; 4287971; -2; 4288328; 4474851; -2; 46231503; -8; 77276430; -1; 63201000; -1; -

Servicing: Fiat; Renault V.i.

V. 12, **kW.** 0.5, **B+ / B-** M8, **L.** 233.75, **No. of mount. holes** 3 (0), **A.** 61.90, **B.** 7.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110615 Starter

Replacing: 11.130.526; azj3151; 26294; -357; 26357r; 26925316a; 27518; -20; -24; -70; -85; -88; -92; -96; nsb52

Servicing: Massey Ferguson; Allis Chalmers; Agco Allis; Agco White; Jcb; Perkins; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 312.25, **No. of mount. holes** 3 (0), **A.** 88.60, **B.** 28.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110640 Starter

Replacing: 0001359091; 11.130.127; -409; azj3115; -516; -534; 27440; dm2120; -30; -34; 0001367014; 11.130.198;

Servicing: Man; Fiat-Allis; Allis Chalmers; Long

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 310.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110784 Starter

Replacing: 152; -3; -64; 3471152; -3; -64; -369; -397; moc12-9; 11.130.351; -600; azf3533; -60; 25292

Servicing: Opel

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 244.30, **No. of mount. holes** 2 (0), **A.** 77.90, **B.** 13.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110793 Starter

Replacing: 0001208211; 533002; 6189; -90; -212; moc12-2; 11.130.245; -375; azf3518; -43; d8e104; -22; -24; d8e7

Servicing: Peugeot; Fiat; Citroen

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 220.50, **No. of mount. holes** 2 (2), **A.** 66.00, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110797 Starter

Replacing: 0001208213; -506; 9150136780; 532011; 533001; 534045; -9; 11.130.246; -431; azf3519; -52; m3t19971;

Servicing: Peugeot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.50, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 25.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110807 Starter

Replacing: s114-550; s114-550a; kk0218400; kk37018400a; kk40118400; kky0218400; ky0218400; mb30118400c; hsc1081

Servicing: Mazda; Opel; Kia; Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 197.25, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 20.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110813 Starter

Replacing: 0001223504; 0001362032; -9; -105; 4169096; 4682998; 4710224; 4722682; 4728682; 4759929; 88205005; 11

Servicing: Vw; Skoda; Fiat; Fiat-Allis; Allis Chalmers; Agrifull; Benfra; Goldoni; Iveco

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 294.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110814 Starter

Replacing: 0001362062; 19024255; 4711699; 4719664; 4745930; 4807374; 4856056; 77028560; 11.130.123; -500; azj31

Servicing: Iveco; Fiat; Lancia; Renault; Alfa Romeo; Massey Ferguson; Benfra

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.50, **No. of mount. holes** 3 (0), **A.** 109.85, **B.** 26.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110818 Starter

Replacing: 0001362060; 11.130.630; -972; azj3204; -347; 26071; -133; -167; -173; -278; -917; 27413; -23; -63; n

Servicing: Case; Fiat-Allis; Massey Ferguson

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 24.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110819 Starter

Replacing: 19024821; 11.130.520; azj3148; 26344; -65; -411; 27571; -82; -84; nsb530; 3597371m2; 1873a052; 28730

Servicing: Massey Ferguson; Eicher; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 311.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 22.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110829 Starter

Replacing: 9000334101; 5491163; 75491453; 75492472; 95492868; 95493934; 95494430; 95580166; 3471366; 532012; mt

Servicing: Citroen

V. 12, **kW.** 0.65, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 18.85, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110839 Starter

Replacing: 0001110012; -55; -115; b001117012; 11.130.558; aze2507; 1202016; -45; -143; -156; -956; 90443488; 90

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 269.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 19.60, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110847 Starter

Replacing: 0001108047; -78; -79; -151; -171; -184; 1202000; -5; -10; -130; -958; 0001131112; 90277934; 90297846

Servicing: Ford; Opel; Saab; Toyota; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 242.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110856 Starter

Replacing: 532021; -3; 6136; -85; -219; mta12p-7; 11.130.034; -134; aze0303; a3t02192; d8e111; -30; -31; d8e54;

Servicing: Renault

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 21.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110866 Starter

Replacing: 534032; -47; d9e278; d9e46; -55; -68; -78; -79; 7700572689; 7700650287; 7700694096; 7700750305; -6;

Servicing: Renault

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 197.65, **No. of mount. holes** 3 (2), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110867 Starter

Replacing: 0001110013; -9; -43; -64; -88; -104; -105; 0001317023; b001117070; 89ab11000aa; 91ab11000eb; -ga; -p

Servicing: Ford; Mazda

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 265.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 14.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110981 Starter

Replacing: im562; 0001416062; -7; 19024049; -106; 11.139.025; azk5184; 81366062; 81466062; 860509; 365211

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 109.85, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111001 Starter

Replacing: 0001359038; -83; -113; 0001367005; 19024250; 11.130.254; -898; azj3557; mt68ra; 9144820; 63216816; A

Servicing: Lamborghini; Same; Steyr

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 320.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 20.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111025 Starter

Replacing: 0001211536; 19024838; 534053; r80k; 46231510; 5999906; 7612952; 7621040; 76221040; 77305430; 11.130.

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 3 (2), **A.** 64.25, **B.** 11.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111029 Starter

Replacing: 0001108074; -112; -162; 95656490; 96017849; 11.130.787; d7r1; d7r11; d7r3; AZE2548; 96288707; 960871

Servicing: Citroen; Peugeot; Rover; Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 3 (1), **A.** 62.00, **B.** -3.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111047 Starter

Replacing: 859252; 0001359119; 0001367049; d11e67; 1359119; 1367049; 1542195; 1545417; 3581774; 5001759; AZJ333

Servicing: Volvo; Volvo Penta

V. 12, **kW.** 3.1, **B+ / B-** M8, **L.** 302.75, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.70, **No. of teeth** 9, 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** GR



111055 Starter

Replacing: 0001112008; 0001157024; -8; -30; 150; -68; -72; -77; 3471150; -68; -72; -77; -393; 11.130.266; -580;

Servicing: Opel; Vauxhall; Pontiac

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 229.50, **No. of mount. holes** 2 (0), **A.** 67.95, **B.** 18.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111056 Starter

Replacing: 0001208224; 155; 3471155; -377; -394; 394; 11.130.352; azf3534; 1202027; -8; -113; -954; 90140179; d

Servicing: Opel; Vauxhall

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 243.50, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111060 Starter

Replacing: 0001110001; -2; -14; -15; 0001117008; b001117071; 11.130.722; 9141393; 068911023g; 176911023; 000111

Servicing: Vw

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 264.35, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 31.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140018.



111064 Starter

Replacing: 9000333109; 534023; -44; 11.130.244; -590; aze3559; azf3517; -59; d9e56; -66; -74; 7700681068; 77013

Servicing: Renault; Volvo

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111068 Starter

Replacing: 0001208226; -518; 9151424580; 534048; 11.130.029; -218; -395; aze0304; aze3513; azf3549; d9e53; -64;

Servicing: Citroen; Peugeot; Talbot

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 212.25, **No. of mount. holes** 3 (3), **A.** 65.85, **B.** 15.65, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111069 Starter

Replacing: 0001110009; -10; 11.130.772; -910; aze2540; -77; 068911023m; 0001310013; 8EA726106-021; 111062

Servicing: Vw

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 290.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 42.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111070 Starter

Replacing: 0001108183; 0001110017; -56; 0001314034; 95514125; 95607234; 11.130.642; aze2521; 9141404; m0t80082;

Servicing: Citroen; Peugeot; Talbot; Fiat; Lancia; Suzuki; Hyundai

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 229.80, **No. of mount. holes** 3 (3), **A.** 64.60, **B.** -6.50, **No. of teeth** 10, 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111100 Starter

Replacing: 9000141015; -104; 5426014; 5433495; 5490308; 5491448; 75491723; 75492566; 95494247; 95580161; 6202;

Servicing: Citroen

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 207.75, **No. of mount. holes** 2 (0), **A.** 65.60, **B.** 19.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111109 Starter

Replacing: 0001362081; 9150803080; 9151082480; azj3591; 27455; 555833; 558033; d11e179; -84; -91; 0001218015

Servicing: Peugeot; Talbot

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 293.00, **No. of mount. holes** 3 (0), **A.** 89.15, **B.** 21.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111123 Starter

Replacing: 0001106015; 0001112015; -35; 96208781; 10455506; 9000795; aze1515; 1202127; -37; -42; -72; -73; -74;

Servicing: Vauxhall; Opel; Daewoo; Chevrolet

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 67.95, **B.** 18.55, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111131 Starter

Replacing: 0001112012; -6; -33; -37; 0001113003; -5; -9; 0001114014; -20; 9000333118; -9; 6157876; 6816676; 85a

Servicing: Ford; Austin; Rover; Mazda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 208.75, **No. of mount. holes** 3 (3), **A.** 76.15, **B.** 13.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111217 Starter

Replacing: im35; im35/1; im403; 0001401012; -3; -28; -52; -68; 0001413007; -10; 0001418004; bng4/12cr222; 19024

Servicing: Volvo; Volvo Bm

V. 12, **kW.** 3.6, **B+ / B-** M10, **L.** 383.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111224 Starter

Replacing: 3e1864; 7n0923; 9g6941; 10461039; -303; 1113402; -640; -641; -644; -650; -651; -653; -656; -672; -67

Servicing: John Deere

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 402.50, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 47.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR
Replacing: 37MT. Oil sealed.

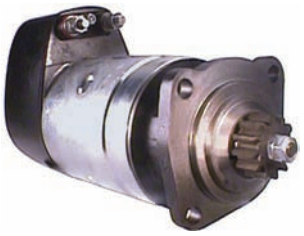


111228 Starter

Replacing: 11.130.392; azf3547; 50246532; 63221637; 63222831; 63223001; -31; -33; -35; e80-1.1/12v; 35258510

Servicing: Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 3 (3), **A.** 64.00, **B.** 12.40, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111231 Starter

Replacing: im653; 0001417053; -61; 19024080; 11.139.030; azk5189; d13e107; -10; d13e110te; d13e111; d13e117te;

Servicing: Renault V.i.

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 88.95, **B.** 40.25, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111251 Starter

Replacing: 0001107047; 11.130.956; m2t13281; m2t48381; 7700100647; 7700274351; 7700352049; 7700796488; 77008538

Servicing: Renault; Volvo; Dacia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 4 (4), **A.** 64.90, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111304 Starter

Replacing: 0001354013; -38; 0001366005; 11.130.732; azj3255; 09620; 0001366014

Servicing: Sabb

V. 12, **kW.** 1.9, **B+ / B-** M10, **L.** 194.75, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 20.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111332 Starter

Replacing: 0001362025; -43; -306; -314; -341; 0001369017; f135902060010; x830100009; 11.130.669; -706; azj3218;

Servicing: Fendt; Renault

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 293.55, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 19.45, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

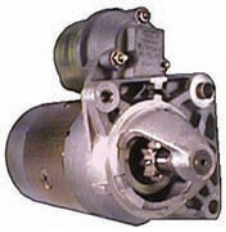


111398 Starter

Replacing: 11.130.782; d9e51; AZF3566; 11.131.285; aze2160

Servicing: Bukh

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 215.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 21.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111422 Starter

Replacing: 0001113006; 0001116005; 46518059; 7772459; 7785449; 7796598; 63101002; 63222888; -9; -936; 63223200;

Servicing: Lancia; Fiat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (1), **A.** 64.00, **B.** 11.50, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111523 Starter

Replacing: 0001108005; -6; -94; -95; -127; b001111024; 7727534; 11.130.724; 9141392; 055911023g; AZE2538; 05591

Servicing: Vw; Lancia; Fiat

V. 12, **kW.** 1.4, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR
Bushing D.E. (clutch house): cargo 140018



111638 Starter

Replacing: 0001360049; -61; 0001368017; -63; -74; 2998002; 128000-7600; -1; -2; -3; 1676822; 420760; 465604; 46

Servicing: Volvo

V. 24, **kW.** 4.0, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.70, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111640 Starter

Replacing: 0001368081; b001816006; 11.130.537; 81368001; 859538; azj3160; 11.131.143; -77; azj3387; -93; 000136

Servicing: Man

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 28.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111641 Starter

Replacing: 0001116001; 7700864608; d7e1; 8111840; 11.131.088; aze1225

Servicing: Renault; Nissan

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 195.50, **No. of mount. holes** 2 (1), **A.** 64.00, **B.** 0.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111693 Starter

Replacing: 0001362102; 11.130.532; azj3156; 9142840; 63217410; 14860; 4856055; mt74l

Servicing: Iveco; Fiat; Multicar

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 295.65, **No. of mount. holes** 3 (1), **A.** 110.00, **B.** 21.65, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



111694 Starter

Replacing: 0001110066; -7; -106; -107; -108; -122; -123; -126; -127; -128; -129; 11.130.773; -911; aze2541; -78

Servicing: Audi; Ferrari; Vw; Seat; Skoda; Multicar

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 270.00, **No. of mount. holes** 2 (2), **A.** 82.00, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111748 Starter

Replacing: 0001107020; -1; -52; -53; 0001112038; -9; 9000694029; 9141394; 020911023; 020911023a; -j; -l; -m; -n

Servicing: Vw; Seat; Ford; Audi; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 223.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111749 Starter

Replacing: 0001107022; -3; 02a911023f; -t; 9141413; 11.130.775; AZE2543; 66925322

Servicing: Vw; Seat; Ford; Audi; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111752 Starter

Replacing: 0001354073; -80; 0001359014; -74; 0001362063; -300; 0001367001; 19024257; azj3242; 11.130.889; AZJ33

Servicing: Case; Payloader

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111755 Starter

Replacing: 0001359016; -90; 0001367075; -8; 0001369001; -5; at23401; ty6720; 11.130.534; -69; -762; -819; azj31

Servicing: John Deere

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 33.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111771 Starter

Replacing: 0001372001; b001960018; 0041519401; 19024179; 0041518801; 0051519401; 11.131.016; azg4605; A00415194

Servicing: Mercedes-Benz

V. 24, **kW.** 6.2, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111848 Starter

Replacing: 0001107034; -45; -56; -100; b001110097; f005m00001; 1202145; -59; 90371766; 90508037; 90512189; 9643

Servicing: Opel; Vauxhall; Daewoo; Chevrolet; Peugeot; Citroen; Isuzu

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 215.50, **No. of mount. holes** 2 (1), **A.** 83.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111855 Starter

Replacing: 0001218172; 0001223002; 443115142726; 9142726; 069911023f; 11.131.109; aze4535; 9142900; 0001218772

Servicing: Khd

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 23.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111885 Starter

Replacing: 0001367072; 0001369007; -19; 11.130.664; azj3216; 11.130.695; AZJ3236; 3283812; 0001369025; 00013670

Servicing: Case

V. 12, **kW.** 3.1, **B+ / B-** M10, **L.** 332.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111900 Starter

Replacing: 0001124001; -2; 1007765; 1059564; 95vw11000cb; -ga; 97vw11000aa; d7rs30; 02a911023j; -r; 02a911024;

Servicing: Vw; Ford; Seat; Audi; Skoda; Fiat

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 235.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 53.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111909 Starter

Replacing: 0001121006; -7; 443115141313; 020911023f; 0001120402; 11.131.054; aze2623; 0001121028; d7es1; -5; 19

Servicing: Audi; Vw; Seat; Ford; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 3 (0), **A.** 76.25, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111910 Starter

Replacing: 0001371006; 1357709; 860305z; 860305; is9148; 11.139.164; azj3450; 0001371007

Servicing: Scania; Vw

V. 24, **kW.** 6.7, **B+ / B-** M12, **L.** 429.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111994 Starter

Replacing: 0001116003; m2t13081; 9626261480; 11.131.764; d7e7

Servicing: Citroen; Peugeot

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 3 (1), **A.** 62.00, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112005 Starter

Replacing: 0001121008; -9; 02a911023l; 11.131.137; aze2634; 0001121026; -18; -19; -7; 915111D

Servicing: Audi; Vw; Skoda; Seat

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112034 Starter

Replacing: 0001109029; 0001110033; 0001214002; 11.131.157; AZE2636; 63221435

Servicing: Vw; Goldoni; Ferrari; Bcs; Mosa; Arona; Ruggerini; Lombardini; Acme; Hatz

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 233.30, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 27.00, **No. of teeth** 9, 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112039 Starter

Replacing: 0001354091; 0001366004; 11.130.612; AZJ3192; f139900060011

Servicing: Khd; Fendt; Jenbacher Werke

V. 12, **kW.** 2.7, **B+ / B-** M8, **L.** 295.00, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



112041 Starter

Replacing: 0001362700; 11.130.565; azj3177; 1177441; 112020

Servicing: Khd

V. 12, **kW.** 2.2, **B+ / B-** M10, **L.** 293.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112071 Starter

Replacing: 0001230006; -14; 1180928; 11.130.841; azf4514; f716900060060

Servicing: Deutz-fahr

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 315.80, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112074 Starter

Replacing: 0001369015; 3918688; 81866002; 82005342; 898821291; 11.130.627; azj3201; 82007917; 82013922; 8982129

Servicing: New Holland; Ford

V. 12, **kW.** 3.1, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112116 Starter

Replacing: im665; 0001417065; -75; 19024085; 11.139.107; azk5456; 81467065; 1547049; 3964839; 860511

Servicing: Volvo

V. 24, **kW.** 6.6, **B-** M12, **B+ / B-** M12, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



112119 Starter

Replacing: im642; 0001417042; 19024076; 22718; 11.139.022; 81467042; -3; 349575; 571453; 860505; 9125110

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112131 Starter

Replacing: 0001107003; -4; 0001108076; -7; 11.130.845; aze2558; 02a911023e; 9141410; 02a911023d; 02A911023DX; 0

Servicing: Vw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 244.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (Clutch house): Cargo 140018



112132 Starter

Replacing: 0001360023; -36; 0001368030; 11.130.766; azj3277; 243007; 4785541; 4880691

Servicing: Volvo Bm

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Oil sealed.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112133 Starter

Replacing: 0001110084; -5; 11.130.776; -912; aze2544; -79; 02a911023g; 9141414

Servicing: Vw; Seat

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 282.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Bushing D.E. (Clutch house): Cargo 140018



112134 Starter

Replacing: 0001110031; -2; 11.130.844; -913; aze2557; -80; 02a911023b; 9141412

Servicing: Vw

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 282.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 50.70, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Bushing D.E. (Clutch house): Cargo 140018



112135 Starter

Replacing: 0001359019; -75; 0001362064; -301; 0001369018; 11.130.705; -895; azj3243; -317; 3228192R91; A186180

Servicing: Case

V. 12, **kW.** 3.1, **B+ / B-** M10, **L.** 316.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 22.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112136 Starter

Replacing: 11.130.896; azj3318; 26398; 26398a; 27533; -601; 1618050M14; 1618050M4; -R4; 3637269R91; 26398h; -f;

Servicing: Massey Ferguson

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 48.30, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112171 Starter

Replacing: 0001107024; 11.131.002; AZE2617

Servicing: Piaggio; Ferrari; Valpadana; Bertolini; Bcs; Goldoni; Lombardini

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 28.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112173 Starter

Replacing: 11.130.250; -736; azj3258; -554; 0001367008

Servicing: Bertolini; Bmw; Hatz; Vm (stabilimenti Mec.

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 342.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 20.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112218 Starter

Replacing: 7700104674; 7711134530; 8200049826; 8200082782; d7e19; -22; -26; d7e6; 8253504; -873; 6025008446; 11

Servicing: Renault

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 168.25, **No. of mount. holes** 3 (3), **A.** 60.45, **B.** -1.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112249 Starter

Replacing: 0001354031; -95; 0001366025; 29-50096; 30-00308-00; 11.130.531; -620; azj3155; -97; meo6005; 3041c58

Servicing: Mercedes-Benz

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112256 Starter

Replacing: 1990499; 1993701; -41; -986; 11.203.016

Servicing: Case; Lister

V. 24, **kW.** 7.0, **B+ / B-** 1/2" UNC, **L.** 402.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 37MT. Oil sealed.



112267 Starter

Replacing: 0001367079; Ins2800; 3909913; 10461285; 10465026; -43; -211; -365; 10479621; -4; 1113276; -92; -593;

Servicing: Ford; Cummins; Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 10, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112286 Starter

Replacing: 0001110076; -7; -98; -99; 0001124003; -4; 0001125005; -6; 11.130.723; aze2537; 9141395; 020911023b;

Servicing: Vw; Seat; Ford; Audi; Skoda; Mercedes-Benz

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 3 (0), **A.** 76.10, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112295 Starter

Replacing: 0001110003; -26; -89; -95; -114; b001117311; 11.130.646; aze2522; md329260; d10e85; -92; d10e921; d7

Servicing: Renault; Volvo; Mitsubishi; Porsche

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -0.50, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112304 Starter

Replacing: 2110-3708010; 5702.3708; 11.130.417; aze2502

Servicing: Lada

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 35.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112306 Starter

Replacing: 0001107005; -6; 02b911023b; 9141390; 0001108096; -7; 11.131.178; aze2640

Servicing: Vw

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112319 Starter

Replacing: 0001108121; 93bb11000aa; -b; 11.130.717; AZE2535; 63227004

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 242.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112379 Starter

Replacing: 0001109048; 46437520; 46522234; 63113003; 0001108204; 11.130.996; aze2110

Servicing: Fiat

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 221.35, **No. of mount. holes** 3 (0), **A.** 77.00, **B.** 10.0, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112390 Starter

Replacing: 11.131.100; 25219; 26631; 27018; 66925191; 63226631; aze1227

Servicing: Lister

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112391 Starter

Replacing: 11.131.042; aze1219; 375-850

Servicing: Lister

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 26.90, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112436 Starter

Replacing: 0001223013; 1329201080; 46758240; 8029647; 0001218759; msn2006; 063522187590; is1269; 11.131.476; az

Servicing: Fiat; Peugeot; Citroen

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 273.00, **No. of mount. holes** 3 (3), **A.** 81.50, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112494 Starter

Replacing: 0001231005; 1180999; 11.130.842; azf4515; 01180999KZ

Servicing: Volvo

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 316.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112496 Starter

Replacing: 0001109017; 11.130.979; 11.131.164; aze2105; -41

Servicing: Farymann

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 269.00, **No. of mount. holes** 3 (1), **A.** 82.00, **B.** 14.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112498 Starter

Replacing: 0001231016; 4892338; ; 48922338; 42498718; 63522310; msn2008; is1264; 11.131.846; azf4237

Servicing: Iveco

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 49.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112534 Starter

Replacing: 0001109035; 1850866; 11.131.267; aze2155

Servicing: Khd; Perkins

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112545 Starter

Replacing: 228000-1880; 128000-8101; 228000-1881; 11.131.052; aze2117; 757-21700

Servicing: Lister

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 187.00, **No. of mount. holes** 2 (2), **A.** 89.00, **B.** 27.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112553 Starter

Replacing: 0001110072; -1; 11.139.447; aze2210

Servicing: Bmw; Alpina

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 269.00, **No. of mount. holes** 2 (2), **A.** 76.05, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112555 Starter

Replacing: 0001369014; az23179; 11.130.567; azj3179; 1179318; 0001369024

Servicing: Linde; Fendt; Deutz-fahr; Irmer; Kramer; Bosch; Khd; Jenbacher Werke

V. 12, **kW.** 3.1, **B+ / B-** M10, **L.** 304.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 26.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112581 Starter

Replacing: 0001372002; -3; -7; -8; 0001371010; -5; 1357212; 1284775; is9149; 11.139.165; azj3452

Servicing: Daf

V. 24, **kW.** 6.2, **B+ / B-** M12, **L.** 380.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112651 Starter

Replacing: 0001364101; -300; azj0602; azj3221; 11.130.003; -30; -672; 94955E; d11e149

Servicing: Khd; Bosch

V. 24, **kW.** 4.8, **B+ / B-** M10, **L.** 351.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112660 Starter

Replacing: 0001359045; -69; 0001362310; 0001367042; 1107862; -7; 26336; 27508; -56; -75; -86; -604; 529965ex; 1

Servicing: Case

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 333.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112670 Starter

Replacing: 0001368040; 11.130.993; AZJ3351; 0001368051; -26; 27301k; 27309; 27309a; -e; 27311; 27311a; -e; -h;

Servicing: Daf; Mercedes-Benz; Perkins; Hanomag

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 28.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



113007 Starter

Replacing: 0001368059; 1113272; 1998519; 11.130.662; -797; 10461444; re51725; re52150; re522738; 11.131.274; az

Servicing: John Deere

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 33.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



113181 Starter

Replacing: 0001223016; 11.131.223; aze4566; 1181751; 1182384

Servicing: Bmw

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 261.00, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 23.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113182 Starter

Replacing: 0001230010; -07; -23; 500325145; ; 63522300; msn2039; is1262; 11.131.604; azf4155

Servicing: New Holland

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 320.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 30.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113276 Starter

Replacing: 0001107402; -4; -5; -8; -35; 24436877; 93176051; 24437136; 55351608; 6202064; -79; 9115190; 9199321;

Servicing: Opel; Vauxhall; Saab

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 67.90, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113281 Starter

Replacing: 0001107080; nad101340; 11.139.448; aze2211

Servicing: Rover; Mg

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 231.40, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 39.00, **No. of teeth** 12, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113346 Starter

Replacing: 11.130.783; 26660; -90; -93; -94; 27034; 63223104; 63230001; 63223103; 0001106016; TJG911023B; 90572

Servicing: Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 210.50, **No. of mount. holes** 3 (0), **A.** 67.00, **B.** 39.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR

Abbrevations, see first pages.
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113356 Starter

Replacing: 9172780; is0676; 11.130.676; AZJ3223

Servicing: Zil; Gaz; Belarus

V. 24, **kW.** 3.5, **B+ / B-** M10, **L.** 235.00, **No. of mount. holes** 3 (0), **A.** 99.90, **B.** 32.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113381 Starter

Replacing: 11.130.510; azj3145; -95; 63217121; 11.130.618; 27430; 27430a; -b; 20404082; 0001367012; v450dt; mt7

Servicing: Fiat-Allis; Goldoni; Farymann

V. 12, **kW.** 2.5, **B-** M8, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 109.70, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113387 Starter

Replacing: 0001124005; -6; d7rs31; 02b911023d; -l; 0001125001; -2; -11; -31; -32; 11.131.056; aze2625; D7RS131

Servicing: Vw; Seat

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 54.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113429 Starter

Replacing: 028000-7430; -1; 128000-4340; 128000-5620; 10461645; 10465537; 3283813; 3675245; 3920328; 87419387;

Servicing: Case; Cummins

V. 12, **kW.** 4.2, **B+ / B-** M10, **L.** 326.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 47.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113430 Starter

Replacing: 63113002; 46478945; 46748351; 0001109030; 46430784; 46473784; 60814911; 11.130.997; aze2111; 113297;

Servicing: Alfa Romeo; Fiat; Lancia

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 3 (0), **A.** 81.50, **B.** 9.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113431 Starter

Replacing: ct222a; st222a; 64013708; 24173708000; 273708; IS0685; 11.130.685; AZJ3229

Servicing: Belarus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 338.00, **No. of mount. holes** 3 (0), **A.** 99.80, **B.** 30.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



113443 Starter

Replacing: 11.130.716; 9610205880; 0001108130; b001111399; 0001108176; AZE2534; 0001108085

Servicing: Citroen; Peugeot; Fiat

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 3 (3), **A.** 62.10, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113454 Starter

Replacing: 11.130.679; AZJ3226; RE60171; -239; RE70728

Servicing: Massey Ferguson; Johnson; Bobcat; Clark

V. 12, **kW.** 3.1, **B+ / B-** M10, **L.** 331.50, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113459 Starter

Replacing: 128000-8170; -1; 228000-5790; 11.131.136; aze2138; 228000-5791; 757-26450

Servicing: Lister

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 220.50, **No. of mount. holes** 2 (2), **A.** 88.90, **B.** 26.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113464 Starter

Replacing: 11.130.151; -673; azj3222; -522; 0001364100; -301; 4159015; 1163626; 1179586; 6200827; 0001364001

Servicing: Iveco; Khd; Abg; Irmer

V. 24, **kW.** 4.8, **B+ / B-** M10, **L.** 346.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113465 Starter

Replacing: 0001367302; 0001359008; -95; 0001367070; d11e119; 12760; d11e104; d11e119t; 0025841042; 5000049124;

Servicing: Renault V.i.

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 338.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 22.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113466 Starter

Replacing: 0001360050; 0001368070; -304; -306; 0001231009; 12900; 0001360013; 76517; d11e122; d11e99; 002584104

Servicing: Renault V.i.

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 316.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 22.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



113467 Starter

Replacing: 1163758; 42498131; 1163758; 11.130.619; azj3196; 0001365004; mrs706

Servicing: Iveco; Deutz-fahr; Atlas Copco

V. 12, **kW.** 3.7, **B+ / B-** M10, **L.** 346.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113468 Starter

Replacing: 0001231007; -19; 11.130.730; azf4509; 11.131.085; -236; azj3374; -88; -404; 0001368056; 11.130.626;

Servicing: Man

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 315.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113478 Starter

Replacing: 0001230003; re501693; re502156; re60641; 11.131.063; -121; aze4603; -20; 11.131.221; re516157; re684

Servicing: John Deere; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 303.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 35.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Oil sealed.



113480 Starter

Replacing: 0001107060; 11.131.233; aze2642

Servicing: Ruggerini

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113481 Starter

Replacing: 0001108051; -180; -182; -186; d6ra104; 0001108022; -143; 11.130.957; AZE2101; 7700106426; -763; 7700

Servicing: Renault; Chrysler; Opel; Vauxhall; Suzuki

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** -1.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113482 Starter

Replacing: 11.130.881; AZJ3310; 0001359044; -87; -89; 0001367045; -6; 241599; 4785538; -9; 4880692; -3

Servicing: Volvo Bm

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Abbrevations, see first pages.
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113483 Starter

Replacing: 11.130.404; aze1508; 0001112021; -2; 0001113007; -8

Servicing: Vw; Seat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 223.75, **No. of mount. holes** 3 (2), **A.** 82.40, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113484 Starter

Replacing: 0001368037; -9; 27305; 835330965; 11.130.595; azj3186

Servicing: Valmet; Sisu

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113532 Starter

Replacing: 11.130.820; -748; 11.131.167; -318; azf4510; -59; -82; AZJ3284

Servicing: Renault

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 34.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113570 Starter

Replacing: 11.130.836; 11.131.727; -542; 836673290; 836873290; 836866817

Servicing: Valmet

V. 12, **kW.** 4.2, **B+ / B-** M10, **L.** 321.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 48.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113605 Starter

Replacing: 0001107067; d6ra63; 3080846; 11.139.421; azd3522

Servicing: Volvo

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -1.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113654 Starter

Replacing: 2873k404; 63280040; 11.131.228; AZAF4569; 2873k621; 11.131.780; AZE4172

Servicing: Perkins; Jcb

V. 12, **kW.** 3.0, **B-** M8, **B+ / B-** M8, **L.** 292.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113655 Starter

Replacing: 2873k405; 63280041; 3873k625; 11.131.781; 2873K624; AZE4173; 2873K625

Servicing: Perkins; Jcb

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 291.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 30.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113690 Starter

Replacing: 114362-77011; 11.131.186; aze1230

Servicing: Yanmar

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 185.00, **No. of mount. holes** 2 (0), **A.** 65.90, **B.** 14.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113850 Starter

Replacing: 0001416059; 4772059; im559; 139; AZK5467

Servicing: Volvo Bm

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Oil sealed.

113901 Starter

Replacing: 836667365; 836673289; 836867365; 11.131.116; -426; -728; AZE4166; -540; -597; IS1064

V. 12, **kW.** 3.0, **No. of teeth** 10, **Gear** GR

Miscellaneous

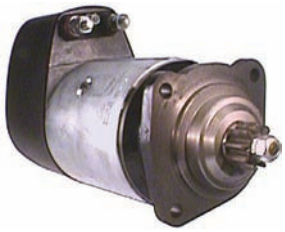


110511 Starter

Replacing: im18; 11.139.156; azk5539

Servicing: Ifa; Fortschritt

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 378.50, **No. of mount. holes** 0 (0), **A.** 75.00, **B.** 37.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111350 Starter

Replacing: 2407-3708000; 2406-3708000; 24.3708; 11.130.436; AZAJ3124

Servicing: Belarus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 337.45, **No. of mount. holes** 3 (0), **A.** 99.70, **B.** 32.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110351 Starter

Replacing: 0001108099; b001111273; 11.130.505; -93; aze2512; azf3555; 2103-12vip54; 2108-3708010; -9; 293708; 4

Servicing: Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 34.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140043



110352 Starter

Replacing: 0001208218; 19024839; 803000.2; e100l-1.5/12; r100.03; r100.3; mtd12-14; 4474746; -7; -50; 2100-3708

Servicing: Fiat; Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (3), **A.** 82.35, **B.** 21.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112304 Starter

Replacing: 2110-3708010; 5702.3708; 11.130.417; aze2502

Servicing: Lada

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 35.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Miscellaneous



111350 Starter

Replacing: 2407-3708000; 2406-3708000; 24.3708; 11.130.436; AZAJ3124

Servicing: Belarus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 337.45, **No. of mount. holes** 3 (0), **A.** 99.70, **B.** 32.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111221 Starter

Replacing: 1107577; -99; -863; -871; 1109251; 1113271; re509658; 35259580; 0-23000-2060

Servicing: John Deere; Bobcat; Clark

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 322.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 33.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.



112253 Starter

Replacing: 10465151; -314; 10479615; -8; -25; f3ht11001dc; f3hz11001b; -2b; f4ht11001ba; f7ht11001fa; -2fh; 450

Servicing: Ford; Ingersoll Rand

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 45.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.



110315 Starter

Replacing: 36100-21730; -40; -50; 36100-22000; m39646; mc109018; -25; m2t40081; m2t41081; m2t47281; m3t25783; -

Servicing: Mitsubishi; Hyundai; Proton; Kia; Volvo Penta; Dodge; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 188.93, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 18.40, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110336 Starter

Replacing: 0001208219; -513; -521; -706; -715; -718; 0001211049; -206; -228; -513; -533; -989; b001111025; 1539

Servicing: Ford; Mercury; Triumph

V. 12, **kW.** 0.75, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110337 Starter

Replacing: 0001208172; -223; -232; -409; -423; 9000333115; -6; 81ab11000ba; -ca; v84fb11000aa; -ba; 25397

Servicing: Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 235.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 13.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110363 Starter

Replacing: 0001211012; -3; -4; -992; -993; -997; -998; 9000042021; -7; -34; 9000082009; 9007042024; r007042024;

Servicing: Vw; Porsche; Bmw

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.

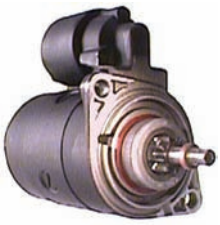


110368 Starter

Replacing: 0001362001; -2; -29; -30; -47; -600; 9000143406; -8; 19024239; -49; 11.130.300; -99; -885; azj3107;

Servicing: Mercedes-Benz; Seat; Audi; Volvo

V. 12, **kW.** 2.3, **B+ / B-** M10, **L.** 289.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 18.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110410 Starter

Replacing: 0001211223; -4; -55; -56; 9000692015; r80.03; r80g; 11.130.334; azf3527; 25349; -50; -51; 26604; -6;

Servicing: Vw; Austin; Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 34.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110421 Starter

Replacing: 888919; 160-976-1361; 15231-63010; -1; -2; -3; -4; -5; -6; 16225-63013; 19837-63011; m3t29681; m3t33

Servicing: Suzuki; Daihatsu; Kubota; Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110438 Starter

Replacing: 26193; 26925188d; 27420; 27420a; -b; 26288; 26288a; -e; -f; les0012; 26925188A

Servicing: Case; Payloader

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 19.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110439 Starter

Replacing: 0001362008; 9000143400; 6127; -232; s12-85; -7; 10.130.141; 11.130.074; -194; -408; -711; azj0404; a

Servicing: Massey Ferguson; Buhrer; Compair; Eicher

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 309.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110440 Starter

Replacing: 26256; -9; -321; 26925198d; 27446; -68; nsb409; -511; 26259a; -k; -l; -n; 26321a; -b; -d; -f; 27446a

Servicing: Land Rover

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 19.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110441 Starter

Replacing: 26925200a; 27425; -60; nsb512; 27425a; -b; -60a; -60b; 110441; LES0033; 25024044a

Servicing: Land Rover

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110442 Starter

Replacing: 26151; -98; -281; 26281r; 27415; -73; -79; nsb500; -1; 2707130; 1873a013; -5; 2872d002; 2873119; -23

Servicing: Massey Ferguson; Balkancar; Conveyancer; Matbro

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110443 Starter

Replacing: s12-84; 26148; -96; -283; -375; -418; -422; 26925194d; 27417; -35; -67; -72; -78; -86; nsb503; 1873a

Servicing: Rover; Massey Ferguson; Balkancar; Dronningborg; Matbro

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110444 Starter

Replacing: 26371; -400; 27431; 028000-2260; 26400d; -a; -b; 26371a; -d; -e; -f; 27431a; -b; les0020

Servicing: Ldv International

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 2 (0), **A.** 88.80, **B.** 23.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110459 Starter

Replacing: 538504; 26349; -416; -420; 27443; -543; -545; nsb532; 26349a; 26416a; -d; -e; 27543a; -d; 26349b; -d

Servicing: Bedford

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 335.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110460 Starter

Replacing: 26295; -358; 27519; -37; -59; 26358r; 2873002; 2873b053; -7; 0001359126; 26408; 26408a; -d; -e; 2629

Servicing: Seddon Atkinson; Massey Ferguson; Dronningborg; Atlas Copco; Jcb

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 307.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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110461 Starter

Replacing: 0001358200; -1; -2; 0001362307; 715f11000ma; 11.130.769; azj3279; 26355; -6; -88; -407; 27501; -31;

Servicing: Lancer Boss; Ford

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 12, 13, **Rotation** CR, **Drive type** Steel, **Gear** DD



110462 Starter

Replacing: 0001362067; 538501; 71yb11000aa; 11.130.579; -624; azj3182; -98; 26137; -47; -211; -213; -291; -316;

Servicing: Ford; New Holland; Buhrer; Matbro

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 319.45, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110464 Starter

Replacing: 26153; -66; -286; 27419; -65; nsb515; 2873126; -53; 2873a016; -105; 202-34960; 272-905; lrs138; 2747

Servicing: Lancer Boss; Carbodies; Daf

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 336.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110465 Starter

Replacing: 26265; -311; -341; -431; 27511; -54; nsb535; 1526103; 1624968; 26341b; -d; -j; -2b; -2d; -2k; -2l; 2

Servicing: Ford

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

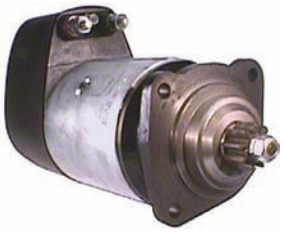


110490 Starter

Replacing: 028000-5860; -1; -2; -3; 028000-6010; -1; -2; 28100-22060-71; 28100-22061-71; 028000-6013; les0140;

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 295.00, **No. of mount. holes** 2 (0), **A.** 90.00, **B.** 16.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110518 Starter

Replacing: 0001360063; 0001368020; 859542; 2998201; 19024232; -56; 11430; 42498212; 4706008; 4716026; -62; 4737

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110523 Starter

Replacing: 0001360012; -4; -35; 0001368001; -7; 859539; 19024226; -34; -813; 11580; r10.08; 11.130.075; -141; -

Servicing: Iveco; Case; Abg; Ahlmann; Payloader; Compair; Khd

V. 24, **kW.** 4.8, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110524 Starter

Replacing: 0001360022; -34; -37; -52; -65; 0001368022; -4; -55; -62; -300; -307; -309; 9000083065; 9000143601;

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110525 Starter

Replacing: 0001359043; -84; 0001367034; -59; -300; -301; -303; 9000083028; -54; 9007044002; 2998000; 19024205;

Servicing: Mercedes-Benz; Claas

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, , **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110535 Starter

Replacing: im328; -536; 0001410111; 0001416036; 19024035; 81466036; 22620; 6210000; R23.21; 860655; C9JF11350A;

Servicing: Iveco

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110536 Starter

Replacing: 0001358027; -46; -49; -73; -305; 0001359012; -27; -46; -49; -73; -78; 0001362016; -34; -91; -305; -3

Servicing: Iveco; Mercedes-Benz; Khd; Fendt; Deutz-fahr; Claas; Bomag; Abg; Case; Irmer; Kramer; Sennebogen; At

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 287.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110545 Starter

Replacing: 0001359047; -124; 0001367032; r11.01; -6; -10; r11a; -f; -n; 11.130.179; -376; -414; azj3119; -234;

Servicing: Zetor; Valmet; Chang Feng (liebao); Balkancar; Dronningborg; Sampo-rosenlew; Ursus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 335.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110565 Starter

Replacing: 19024817; 538502; -5; s12-73; s13-73; s13-73b; s13-74; 11.130.076; -200; -373; -386; -411; -419; -50

Servicing: Massey Ferguson; Eicher

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 313.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110615 Starter

Replacing: 11.130.526; azj3151; 26294; -357; 26357r; 26925316a; 27518; -20; -24; -70; -85; -88; -92; -96; nsb52

Servicing: Massey Ferguson; Allis Chalmers; Agco Allis; Agco White; Jcb; Perkins; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 312.25, **No. of mount. holes** 3 (0), **A.** 88.60, **B.** 28.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110640 Starter

Replacing: 0001359091; 11.130.127; -409; azj3115; -516; -534; 27440; dm2120; -30; -34; 0001367014; 11.130.198;

Servicing: Man; Fiat-Allis; Allis Chalmers; Long

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 310.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110720 Starter

Replacing: 155-216-3011; 15401-63010; -1; -2; 15461-63010; -1; -2; -3; -5; 15511-63010; -1; 15521-63010; -1; -2

Servicing: Kubota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110771 Starter

Replacing: 0001208019; -20; -27; -28; -30; -31; -40; -41; -50; -55; -206; -501; 0001211006; -7; -10; -11; -18;

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 5.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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110784 Starter

Replacing: 152; -3; -64; 3471152; -3; -64; -369; -397; moc12-9; 11.130.351; -600; azf3533; -60; 25292

Servicing: Opel

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 244.30, **No. of mount. holes** 2 (0), **A.** 77.90, **B.** 13.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110809 Starter

Replacing: 36100-42010; -1; hsg120500; mg120413; -906; m2t56171; -81; -82; -85; m2t57271; -3; m2t62971; m3t6107

Servicing: Mitsubishi; Proton; Hyundai; Dodge

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 241.45, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 0.00, **No. of teeth** 10, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



110813 Starter

Replacing: 0001223504; 0001362032; -9; -105; 4169096; 4682998; 4710224; 4722682; 4728682; 4759929; 88205005; 11

Servicing: Vw; Skoda; Fiat; Fiat-Allis; Allis Chalmers; Agrifull; Benfra; Goldoni; Iveco

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 294.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110814 Starter

Replacing: 0001362062; 19024255; 4711699; 4719664; 4745930; 4807374; 4856056; 77028560; 11.130.123; -500; azj31

Servicing: Iveco; Fiat; Lancia; Renault; Alfa Romeo; Massey Ferguson; Benfra

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.50, **No. of mount. holes** 3 (0), **A.** 109.85, **B.** 26.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110817 Starter

Replacing: 26285; -310; 27424; -7; 26285a; -e; -f; 26310a; -d; -e; -h; 27424a; -b; -7a; -7e; 20500120; LES0003;

Servicing: Daf

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110818 Starter

Replacing: 0001362060; 11.130.630; -972; azj3204; -347; 26071; -133; -167; -173; -278; -917; 27413; -23; -63; n

Servicing: Case; Fiat-Allis; Massey Ferguson

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 24.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110819 Starter

Replacing: 19024821; 11.130.520; azj3148; 26344; -65; -411; 27571; -82; -84; nsb530; 3597371m2; 1873a052; 28730

Servicing: Massey Ferguson; Eicher; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 311.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 22.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110831 Starter

Replacing: 0001208220; -514; -519; 0001211237; -9; -515; 71bb11000e2a; -b; 73bb11000b2a; 82gb11000ba; 83bb11000

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 31.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110840 Starter

Replacing: 0001311128; 78vb11000da; 89vx11000aa; 25287; -90; -728; nsb102; 25728a; -d; 92vb11000ab; 0001108100;

Servicing: Ford

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 139.75, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110842 Starter

Replacing: 0001108035; -84; -109; -118; -119; -133; 1638243; 91gb11000ab; 91gx11000ab; 26805; 86gb11000ja; -b;

Servicing: Ford; Saab; Merkur

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 243.30, **No. of mount. holes** 2 0), **A.** 76.00, **B.** 5.35, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



110867 Starter

Replacing: 0001110013; -9; -43; -64; -88; -104; -105; 0001317023; b001117070; 89ab11000aa; 91ab11000eb; -ga; -p

Servicing: Ford; Mazda

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 265.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 14.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

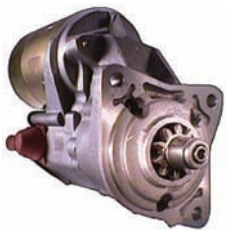


110868 Starter

Replacing: 0001311023; -4; -33; -34; -37; -46; -49; -101; -109; -120; 1438288; 1568699; 5003623; 70gb11000ba; 7

Servicing: Ford; Saab; Lamborghini; Mercury; Triumph

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 255.25, **No. of mount. holes** 2 (0), **A.** 76.25, **B.** 4.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110941 Starter

Replacing: 6t7001; 028000-0960; 128000-1060; -1; -2; les0135

Servicing: Caterpillar

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 301.85, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 24.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Oil sealed.



111053 Starter

Replacing: 0001211227; -32; -512; -535; 6029039; 77fb11000ba; 79fb11000ac; 81ab11000aa; -b; -db; -ea; -eb; -fa;

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 271.50, **No. of mount. holes** 3 (3), **A.** 74.00, **B.** 0.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

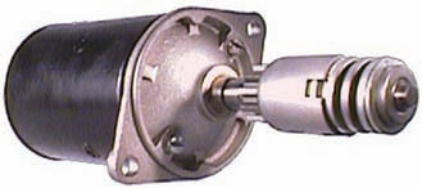


111080 Starter

Replacing: nsb317; m1t72985; m1t72985a; 66925146

Servicing: Nissan; Infiniti

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 218.50, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 41.75, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR

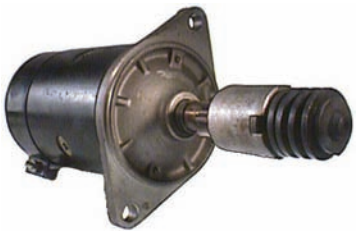


111102 Starter

Replacing: 71ab11001ba; 25071; -5; -83; -89; -105; -112; -147; -196; -238; -345; 25083h; -a

Servicing: Austin; Vauxhall; Mg; Plymouth; Triumph; Lotus

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 310.80, **No. of mount. holes** 2 (0), **A.** 88.85, **B.** 41.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111103 Starter

Replacing: 25016; -22; -24; -41; -61; -62; -63; -65; -79; -85; -87; -88; -97; -138; -149; -201; 9004475300

Servicing: Triumph; Mg; Morris; Vauxhall; Bedford; Hillman

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 321.50, **No. of mount. holes** 2 (0), **A.** 88.80, **B.** 60.35, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111109 Starter

Replacing: 0001362081; 9150803080; 9151082480; azj3591; 27455; 555833; 558033; d11e179; -84; -91; 0001218015

Servicing: Peugeot; Talbot

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 293.00, **No. of mount. holes** 3 (0), **A.** 89.15, **B.** 21.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111117 Starter

Replacing: 46231600; 7716198; 77235430; 25355; 63221533; 63223430; 66925139

Servicing: Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 232.75, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 12.45, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111118 Starter

Replacing: 9000082021; -39; -40; -82; 25339

Servicing: Fiat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 3 (3), **A.** 67.00, **B.** 13.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111126 Starter

Replacing: 26602; -18; 63227061

Servicing: Austin; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 205.00, **No. of mount. holes** 2 (0), **A.** 88.80, **B.** 28.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111131 Starter

Replacing: 0001112012; -6; -33; -37; 0001113003; -5; -9; 0001114014; -20; 9000333118; -9; 6157876; 6816676; 85a

Servicing: Ford; Austin; Rover; Mazda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 208.75, **No. of mount. holes** 3 (3), **A.** 76.15, **B.** 13.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111241 Starter

Replacing: 36100-35010; -50; mg112022; mp112041; m1t71381; -2; m1t71382zc; m1t72581; -3; m1t72583g; m1t79081; m

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.80, **No. of mount. holes** 2 (2), **A.** 72.95, **B.** 17.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111254 Starter

Replacing: 8970298630; 0-23000-1260; -310; -700; 0-23000-2100; -1; -201; -541; 8970298631; -2; -5; -7; 89712986

Servicing: John Deere

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 332.25, **No. of mount. holes** 2 (0), **A.** 94.85, **B.** 19.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111303 Starter

Replacing: s114-570; s114-570a; -b; -c; s114-758; -75; s114-775a; 26667; 27022; -43; -47; m0t70281; -5; m2t4117

Servicing: Nissan; Jaguar

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 185.15, **No. of mount. holes** 2 (1), **A.** 69.95, **B.** 11.15, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR



111310 Starter

Replacing: 26925159a; 228000-4640; m0t84781; m2t30381; m2t33781; -5; m2t41381; -881; -885; m2t46081; m3t33585;

Servicing: Suzuki; Subaru; Chevrolet; Geo; Pontiac

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 190.50, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 7.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111346 Starter

Replacing: 26414; 26925196a; 27541; -7; -65; -68; -90; -98; -608; 63227541; -65; -68; -90; -98; -99; 1873a054;

Servicing: Massey Ferguson

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 314.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111385 Starter

Replacing: 028000-9220; -1; 128000-1540; -1; 128000-4030; -1; 31000-85010; 31100-79620; -1; -8; 31100-85010; -2

Servicing: Suzuki; Bedford

V. 12, **kW.** 0.6, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 64.85, **B.** 27.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111499 Starter

Replacing: 26379; 27528; 26379a; -f; 20500552; LES0029

Servicing: Case

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 307.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111508 Starter

Replacing: md308088; d6ra76; 20510101; les0227

Servicing: Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 2 (2), **A.** 70.95, **B.** 3.20, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111573 Starter

Replacing: 26246; -343; -376; 27513; -26; 0001359116; 26343a; -b; -d; -k; 26304; 26304a; -b; -d; 26246a; -l; -m

Servicing: Dennis; Avia; Tcm; Jcb

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 311.00, **No. of mount. holes** 3 (0), **A.** 101.00, **B.** 25.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet



111574 Starter

Replacing: 27564; -95; 27564a; -f; 26025110a; 20500706; LES0035

Servicing: Erf; Ldv International

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 47.15, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111608 Starter

Replacing: s114-523; 26813; -34; -41; -45; m1t72981; m1t72981a; m1t78881; 23300-4e210; 23300-53j11; -2; 23300-6

Servicing: Nissan; Infiniti

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 2 (2), **A.** 82.25, **B.** 43.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111730 Starter

Replacing: f7ru11000aa; m0t80381; FP13-18-400; FP34-18-400A; les0169

Servicing: Mazda; Peugeot

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 3 (2), **A.** 73.90, **B.** 13.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111737 Starter

Replacing: 26359; -69; 27502; 2873001; -22; 26294a; -b; -d; -e; -f; -n; -q; 26359a; -b; -f; -69a; -69h; -69j; 2

Servicing: Bedford; Massey Ferguson; Fiat-Allis; Sampo-rosenlew; Perkins; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 314.75, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111748 Starter

Replacing: 0001107020; -1; -52; -53; 0001112038; -9; 9000694029; 9141394; 020911023; 020911023a; -j; -l; -m; -n

Servicing: Vw; Seat; Ford; Audi; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 223.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111750 Starter

Replacing: 0001107014; -27; -28; 0001108087; -106; -139; -140; 81bb11000aa; 92ab11000ja; 26689; 63226689; 00011

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 3 (3), **A.** 75.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111865 Starter

Replacing: 0001108137; 0001109040; 0001110090; -120; b001116118; 26801; nad101190; rtc6061n; 0001108144; nad100

Servicing: Land Rover

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 268.00, **No. of mount. holes** 2 (0), **A.** 73.00, **B.** 39.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111971 Starter

Replacing: m0t81281; -3; -4; md332022; md356104; md360368; m332022d; m0t80581; md301351; 20513027; M0T30771; le

Servicing: Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 195.00, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 10.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



112136 Starter

Replacing: 11.130.896; azj3318; 26398; 26398a; 27533; -601; 1618050M14; 1618050M4; -R4; 3637269R91; 26398h; -f;

Servicing: Massey Ferguson

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 48.30, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112141 Starter

Replacing: 0001107016; 93bb11000ca; -ha; 26695; 27004; 112066

Servicing: Ford

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112163 Starter

Replacing: 26925056

Servicing: Mahindra

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 307.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112164 Starter

Replacing: 26925121a

Servicing: Tata

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 267.50, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** -7.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112172 Starter

Replacing: 0001109009; 0001314001; 0001110028; -41; -42; les0186

Servicing: Bmw; Ferrari; Mosa; Arona; Lombardini

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 267.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112277 Starter

Replacing: 26920; 47920141; 63226920; 2873b059; 20550101

Servicing: Perkins

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 261.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.00, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** GR



112320 Starter

Replacing: s114-829; s114-829b; 8971891181; 6202000; 97189118; S114-869; 112335; 20510224; les0130; S114-829C;

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (1), **A.** 77.90, **B.** 19.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



112367 Starter

Replacing: 228000-6170; -2; -3; -280; -281; 28100-03100; 28100-74260; 228000-6282; -3; 228000-7260; 28100-74290

Servicing: Toyota; Lexus

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 217.00, **No. of mount. holes** 2 (0), **A.** 55.00, **B.** 66.20, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112374 Starter

Replacing: s13-41; s13-41a; -b; -d; 121254-77011; -2; s13-78; 171058-77010; s13-41c; 121254-77010; -9; LES0113;

Servicing: Yanmar

V. 12, **kW.** 2.5, **B+ / B-** M8, **L.** 240.50, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.50, **No. of teeth** 15, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112390 Starter

Replacing: 11.131.100; 25219; 26631; 27018; 66925191; 63226631; aze1227

Servicing: Lister

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112536 Starter

Replacing: 0001208520; -4; 86bb11000na; 87bb11000aa; 87gb11000aa; 91bb11000ba; 25400; 26626; 27048; 128000-2640

Servicing: Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, , **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112660 Starter

Replacing: 0001359045; -69; 0001362310; 0001367042; 1107862; -7; 26336; 27508; -56; -75; -86; -604; 529965ex; 1

Servicing: Case

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 333.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112670 Starter

Replacing: 0001368040; 11.130.993; AZJ3351; 0001368051; -26; 27301k; 27309; 27309a; -e; 27311; 27311a; -e; -h;

Servicing: Daf; Mercedes-Benz; Perkins; Hanomag

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 28.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



113020 Starter

Replacing: tm000a14401; 36100-37210; m62957; 6870; LES0242

Servicing: Kia; Hyundai

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 216.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 10.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113195 Starter

Replacing: me012995; m8t80071; m8t80071a; les0226

Servicing: Mitsubishi

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 257.00, **No. of mount. holes** 2 (0), **A.** 59.90, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



113217 Starter

Replacing: F0CF11000BA; F0CU11000BA; -1BA; F0FZ11002A; F4CU11000BA; sa-774; F4CU11000BB; sa774; lrs755

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 224.00, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 14.30, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113346 Starter

Replacing: 11.130.783; 26660; -90; -93; -94; 27034; 63223104; 63230001; 63223103; 0001106016; TJG911023B; 90572

Servicing: Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 210.50, **No. of mount. holes** 3 (0), **A.** 67.00, **B.** 39.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR



113380 Starter

Replacing: 26329; 0001367056; 26329a; -b; -d; -k; -l; 27507; 27507a; -4a; -4b; -b; -53a; -53d; 27504; 26305a; -

Servicing: Ford

V. 12, **kW.** 2.8, **B-** M8, **B+ / B-** M8, **L.** 307.00, **No. of mount. holes** 3 (0), **A.** 91.80, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



113381 Starter

Replacing: 11.130.510; azj3145; -95; 63217121; 11.130.618; 27430; 27430a; -b; 20404082; 0001367012; v450dt; mt7

Servicing: Fiat-Allis; Goldoni; Farymann

V. 12, **kW.** 2.5, **B-** M8, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 109.70, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113478 Starter

Replacing: 0001230003; re501693; re502156; re60641; 11.131.063; -121; aze4603; -20; 11.131.221; re516157; re684

Servicing: John Deere; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 303.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 35.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Oil sealed.



113484 Starter

Replacing: 0001368037; -9; 27305; 835330965; 11.130.595; azj3186

Servicing: Valmet; Sisu

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113668 Starter

Replacing: m2t58581; mm115518; -9; m2t58881; 918306; s9463

Servicing: Mitsubishi; Clark

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.50, **No. of mount. holes** 2 (0), **A.** 76.90, **B.** 18.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113670 Starter

Replacing: 26025115a; 005558084R91; 1233544R91; 26024070A

Servicing: Mahindra

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 284.35, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113681 Starter

Replacing: 128000-1671; s9999; 128000-1670

Servicing: ; Bombardier

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 205.00, **No. of mount. holes** 2 (2), **A.** 61.90, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113741 Starter

Replacing: s9101

Servicing: Caterpillar

V. 12, **kW.** 1.4, **B+ / B-** M10, **L.** 211.50, **No. of mount. holes** 2 (0), **A.** 89.00, **B.** 20.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113745 Starter

Replacing: DAC8837R; DBC1939N; vs371; dbc2937e; -n; 25755; -6; 0001110011; 25692

Servicing: Jaguar

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 2 (1), **A.** 89.00, **B.** 26.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113752 Starter

Replacing: 0001110092; -102; -124; 0001109018; 26943; -5; -6; 63112003; 46439700; 7692102; 7770210; 46430721; 4

Servicing: Fiat

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 3 (3), **A.** 81.80, **B.** 23.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113797 Starter

Replacing: TM000A33401; 1250295; 36100-2A000; -100; les0232

Servicing: Hyundai; Kia

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 223.40, **No. of mount. holes** 2 (2), **A.** 76.95, **B.** 16.85, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



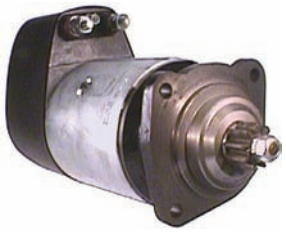
113805 Starter

Replacing: tm000a14301; LES0241; M62956; 36100-37110

Servicing: Hyundai; Kia

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 213.00, **No. of mount. holes** 2 (2), **A.** 69.90, **B.** 18.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Miscellaneous



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110213 Starter

Replacing: im316; -62; -605; 0001410065; 0001411025; 0001417005; -73; 19024053; r22.07; 4732242; 4782803; 81467

Servicing: Iveco; Citroen; Fiat

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 403.60, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 20.80, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110338 Starter

Replacing: r80z; mts12-22; 4198600; -1; 46231525; 77145430; aze0201; aze1501; 9141325; 63220701; -21; -31; -41;

Servicing: Fiat; Lancia; Zastava

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110340 Starter

Replacing: 0001211204; -5; -9; -10; -18; -19; -20; -47; -48; -59; 5133270; m3t80071; 63221304; -34; -437; d9e11

Servicing: Audi; Vw

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 229.90, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140018.

Abbrevations, see first pages.
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110352 Starter

Replacing: 0001208218; 19024839; 803000.2; e100l-1.5/12; r100.03; r100.3; mtd12-14; 4474746; -7; -50; 2100-3708

Servicing: Fiat; Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (3), **A.** 82.35, **B.** 21.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



110365 Starter

Replacing: 9000141101; -7; e80c; r80.02; mta12-39; mts12-29; -39; -42; -48; 4229113; -4; 4401806; 46231504; 597

Servicing: Fiat; Lancia; Seat; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 3 (3), **A.** 62.00, **B.** 12.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110396 Starter

Replacing: 028000-1623; -940; -941; 028000-2250; -61; -62; -63; -330; 028000-3090; -100; -600; -601; -602; -603

Servicing: Toyota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110440 Starter

Replacing: 26256; -9; -321; 26925198d; 27446; -68; nsb409; -511; 26259a; -k; -l; -n; 26321a; -b; -d; -f; 27446a

Servicing: Land Rover

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 19.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110442 Starter

Replacing: 26151; -98; -281; 26281r; 27415; -73; -79; nsb500; -1; 2707130; 1873a013; -5; 2872d002; 2873119; -23

Servicing: Massey Ferguson; Balkancar; Conveyancer; Matbro

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110461 Starter

Replacing: 0001358200; -1; -2; 0001362307; 715f11000ma; 11.130.769; azj3279; 26355; -6; -88; -407; 27501; -31;

Servicing: Lancer Boss; Ford

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 12, 13, **Rotation** CR, **Drive type** Steel, **Gear** DD



110462 Starter

Replacing: 0001362067; 538501; 71yb11000aa; 11.130.579; -624; azj3182; -98; 26137; -47; -211; -213; -291; -316;

Servicing: Ford; New Holland; Buhrer; Matbro

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 319.45, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110464 Starter

Replacing: 26153; -66; -286; 27419; -65; nsb515; 2873126; -53; 2873a016; -105; 202-34960; 272-905; lrs138; 2747

Servicing: Lancer Boss; Carbodies; Daf

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 336.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110517 Starter

Replacing: 0001363101; -11; 19024242; 12080; 4691200; 4706931; 4744841; 4752403; 4807377; 6706931; 77050561; 77

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 3.2, **B+ / B-** M10, **L.** 295.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110518 Starter

Replacing: 0001360063; 0001368020; 859542; 2998201; 19024232; -56; 11430; 42498212; 4706008; 4716026; -62; 4737

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110519 Starter

Replacing: 0001359071; 0001367030; 19024229; 22626; 4713805; 11.130.862; azj3299; 4737758; 4755112; 63216802; -

Servicing: Volvo; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110520 Starter

Replacing: 0001360007; -27; 0001368021; 19024201; 10450; r10.05; r10ta; 4706720; 4737757; 4755113; 77065560; 77

Servicing: Fiat-Allis; Cummins

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110521 Starter

Replacing: 0001360015; -43; 0001368019; 19024231; 11380; -930; 4172004; 4187587; 4231018; 4232191; 4269114; 468

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 111.00, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110522 Starter

Replacing: 0001359122; 0001367029; 19024202; -53; 11420; 14650; r11.03; r11c; 4737759; 4807376; 11.130.366; -69

Servicing: Fiat; Fiat-Allis; New Holland; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110529 Starter

Replacing: 0001359021; -102; 0001367023; -8; 2998200; 19024230; 11370; r11.07; r11w; 4172113; 4699705; 4702248;

Servicing: Fiat; Fiat-Allis; Agrifull; Benfra; Iveco

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110530 Starter

Replacing: 0001354014; -90; 0001358003; -6; -20; -51; 0001359004; -108; 0001362022; -35; 0001367013; 19024238;

Servicing: Lamborghini; Same; Huerlimann

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 22.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110536 Starter

Replacing: 0001358027; -46; -49; -73; -305; 0001359012; -27; -46; -49; -73; -78; 0001362016; -34; -91; -305; -3

Servicing: Iveco; Mercedes-Benz; Khd; Fendt; Deutz-fahr; Claas; Bomag; Abg; Case; Irmer; Kramer; Sennebogen; At

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 287.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110545 Starter

Replacing: 0001359047; -124; 0001367032; r11.01; -6; -10; r11a; -f; -n; 11.130.179; -376; -414; azj3119; -234;

Servicing: Zetor; Valmet; Chang Feng (liebao); Balkancar; Dronningborg; Sampo-rosenlew; Ursus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 335.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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110585 Starter

Replacing: 0001208515; -7; -26; -28; -717; 9000333117; 534029; -31; -42; -43; -57; 11.130.208; -346; -582; -790

Servicing: Renault; Volvo

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.15, **No. of mount. holes** 4 (4), **A.** 66.00, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110608 Starter

Replacing: 19024833; b76-0.5/12; 4287971; -2; 4288328; 4474851; -2; 46231503; -8; 77276430; -1; 63201000; -1; -

Servicing: Fiat; Renault V.i.

V. 12, **kW.** 0.5, **B+ / B-** M8, **L.** 233.75, **No. of mount. holes** 3 (0), **A.** 61.90, **B.** 7.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110615 Starter

Replacing: 11.130.526; azj3151; 26294; -357; 26357r; 26925316a; 27518; -20; -24; -70; -85; -88; -92; -96; nsb52

Servicing: Massey Ferguson; Allis Chalmers; Agco Allis; Agco White; Jcb; Perkins; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 312.25, **No. of mount. holes** 3 (0), **A.** 88.60, **B.** 28.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110797 Starter

Replacing: 0001208213; -506; 9150136780; 532011; 533001; 534045; -9; 11.130.246; -431; azf3519; -52; m3t19971;

Servicing: Peugeot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.50, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 25.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110812 Starter

Replacing: 0001362073; 19024241; 12070; 4412894; 4448694; 4712894; 4713807; 4741669; -99; 7564668; 77515430; 63

Servicing: Fiat; Alfa Romeo; Seat

V. 12, **kW.** 2.0, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 3 (0), **A.** 109.80, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110813 Starter

Replacing: 0001223504; 0001362032; -9; -105; 4169096; 4682998; 4710224; 4722682; 4728682; 4759929; 88205005; 11

Servicing: Vw; Skoda; Fiat; Fiat-Allis; Allis Chalmers; Agrifull; Benfra; Goldoni; Iveco

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 294.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110814 Starter

Replacing: 0001362062; 19024255; 4711699; 4719664; 4745930; 4807374; 4856056; 77028560; 11.130.123; -500; azj31

Servicing: Iveco; Fiat; Lancia; Renault; Alfa Romeo; Massey Ferguson; Benfra

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.50, **No. of mount. holes** 3 (0), **A.** 109.85, **B.** 26.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110818 Starter

Replacing: 0001362060; 11.130.630; -972; azj3204; -347; 26071; -133; -167; -173; -278; -917; 27413; -23; -63; n

Servicing: Case; Fiat-Allis; Massey Ferguson

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 24.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110819 Starter

Replacing: 19024821; 11.130.520; azj3148; 26344; -65; -411; 27571; -82; -84; nsb530; 3597371m2; 1873a052; 28730

Servicing: Massey Ferguson; Eicher; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 311.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 22.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110823 Starter

Replacing: 0001113004; 0001208233; 0001211215; -986; -988; 6222; -46; 63221302; -32

Servicing: Alfa Romeo; Bertolini; Bcs; Vw

V. 12, **kW.** 0.7, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110825 Starter

Replacing: 0001211242; 4392459; 4412878; 4435660; 46231527; -8; -9; 77387430; 63221300; -30; 4392859; 9141326

Servicing: Alfa Romeo; Fiat; Lancia; Seat; Bertone

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 222.50, **No. of mount. holes** 3 (3), **A.** 64.25, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110826 Starter

Replacing: 9000141108; 07640; mts12-1; mts12-21; -3; 4142222; 4198226; -7; 4474804; -5; 77206430; 77218430; 632

Servicing: Fiat; Seat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 21.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110827 Starter

Replacing: mts12-47; 4474714; -5; 46231526; 5990470; 77168430; 63220538; -704; -724; -734; -744; e84-0.8/12v4

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (3), **A.** 67.00, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110829 Starter

Replacing: 9000334101; 5491163; 75491453; 75492472; 95492868; 95493934; 95494430; 95580166; 3471366; 532012; mt

Servicing: Citroen

V. 12, **kW.** 0.65, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 18.85, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110836 Starter

Replacing: 0001110005; 0001311132; 0001314026; 4392461; 46231603; -5; 5933930; 5996771; 7587118; 7597118; 77337

Servicing: Fiat; Seat; Lancia

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 266.00, **No. of mount. holes** 3 (3), **A.** 82.40, **B.** 22.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110854 Starter

Replacing: 46406472; 63223431; -6; -530; -531

Servicing: Alfa Romeo; Fiat; Lancia

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 243.35, **No. of mount. holes** 3 (0), **A.** 66.25, **B.** 23.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110867 Starter

Replacing: 0001110013; -9; -43; -64; -88; -104; -105; 0001317023; b001117070; 89ab11000aa; 91ab11000eb; -ga; -p

Servicing: Ford; Mazda

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 265.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 14.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111001 Starter

Replacing: 0001359038; -83; -113; 0001367005; 19024250; 11.130.254; -898; azj3557; mt68ra; 9144820; 63216816; A

Servicing: Lamborghini; Same; Steyr

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 320.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 20.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111010 Starter

Replacing: 0001108001; -2; -9; -10; -16; -17; -26; -27; -28; -72; -73; -101; -102; s114-501; s114-501a; 5024621

Servicing: Audi; Vw; Citroen

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 243.25, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 20.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111015 Starter

Replacing: 0001107033; -62; 0001108129; d6ra22; -52; 58101330; 58401940; 63521070

Servicing: Lombardini

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 216.25, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111025 Starter

Replacing: 0001211536; 19024838; 534053; r80k; 46231510; 5999906; 7612952; 7621040; 76221040; 77305430; 11.130.

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 3 (2), **A.** 64.25, **B.** 11.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111058 Starter

Replacing: 0001113001; -2; 0001211525; -6; -9; -30; s114-554; s114-554a; 63221305; -6; -35; -535; d9e114; 03691

Servicing: Vw; Seat; Audi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 215.50, **No. of mount. holes** 3 (2), **A.** 82.35, **B.** 14.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140500



111104 Starter

Replacing: 0001211024; -5; -207; -208; -987; 534002; 63221303; -33; d8e109; -26; 0001108081

Servicing: Alfa Romeo

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 229.00, **ONo. of mount. holes** 3 (0), **A.** 61.90, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111106 Starter

Replacing: 0001208408; 9000333112; 534027; -8; 4469985; -6; -7; 4470118; 46231575; 5959702; 77510430; 63221400;

Servicing: Fiat; Lancia; Seat

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 22.40, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111113 Starter

Replacing: 0001218014; -102; -154; 46231610; 5985265; 7589435; 7658555; 7727487; 77452430; 77671430; 63222001;

Servicing: Lancia; Fiat

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 260.65, **No. of mount. holes** 3 (0), **A.** 81.35, **B.** 22.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111117 Starter

Replacing: 46231600; 7716198; 77235430; 25355; 63221533; 63223430; 66925139

Servicing: Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 232.75, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 12.45, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111119 Starter

Replacing: 63220506; -36

Servicing: Fiat

V. 12, **kW.** 0.5, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (0), **A.** 62.00, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111126 Starter

Replacing: 26602; -18; 63227061

Servicing: Austin; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 205.00, **No. of mount. holes** 2 (0), **A.** 88.80, **B.** 28.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111131 Starter

Replacing: 0001112012; -6; -33; -37; 0001113003; -5; -9; 0001114014; -20; 9000333118; -9; 6157876; 6816676; 85a

Servicing: Ford; Austin; Rover; Mazda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 208.75, **No. of mount. holes** 3 (3), **A.** 76.15, **B.** 13.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111217 Starter

Replacing: im35; im35/1; im403; 0001401012; -3; -28; -52; -68; 0001413007; -10; 0001418004; bng4/12cr222; 19024

Servicing: Volvo; Volvo Bm

V. 12, **kW.** 3.6, **B+ / B-** M10, **L.** 383.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111228 Starter

Replacing: 11.130.392; azf3547; 50246532; 63221637; 63222831; 63223001; -31; -33; -35; e80-1.1/12v; 35258510

Servicing: Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 3 (3), **A.** 64.00, **B.** 12.40, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111284 Starter

Replacing: 63217106; -63

Servicing: Lamborghini; Sabb

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 2 (0), **A.** 82.00, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111303 Starter

Replacing: s114-570; s114-570a; -b; -c; s114-758; -75; s114-775a; 26667; 27022; -43; -47; m0t70281; -5; m2t4117

Servicing: Nissan; Jaguar

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 185.15, **No. of mount. holes** 2 (1), **A.** 69.95, **B.** 11.15, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR



111346 Starter

Replacing: 26414; 26925196a; 27541; -7; -65; -68; -90; -98; -608; 63227541; -65; -68; -90; -98; -99; 1873a054;

Servicing: Massey Ferguson

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 314.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111347 Starter

Replacing: 0001107037; -48; -72; -403; 0001108003; -124; -149; b001111010; -100; -143; 0011516901; 0031512801;

Servicing: Mercedes-Benz; Ssangyong; Vw; Daewoo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 219.80, **No. of mount. holes** 2 (2), **A.** 82.35, **B.** 25.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111400 Starter

Replacing: 12411726508; 0001108018; -64; 63223433

Servicing: Bmw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 22.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Abbrevations, see first pages.
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111420 Starter

Replacing: 46419332; -92; 63102003; 63222904; 46231541

Servicing: Fiat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 205.50, **No. of mount. holes** 3 (1), **A.** 64.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111421 Starter

Replacing: 0001218141; 46231644; 7589005; 75891510; 7726946; 77679430; 63222034; -138; 35260920; 0001218741

Servicing: Fiat; Citroen

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (3), **A.** 81.75, **B.** 26.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111422 Starter

Replacing: 0001113006; 0001116005; 46518059; 7772459; 7785449; 7796598; 63101002; 63222888; -9; -936; 63223200;

Servicing: Lancia; Fiat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (1), **A.** 64.00, **B.** 11.50, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111423 Starter

Replacing: 0001218008; -131; 5984563; 7608589; 77425430; 63221801; -31; 63222036; -133; 4350064; 63220931

Servicing: Fiat

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 271.50, **No. of mount. holes** 3 (3), **A.** 82.45, **B.** 23.50, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111424 Starter

Replacing: 46414610; 63222131; -206

Servicing: Fiat

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 259.50, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 23.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111585 Starter

Replacing: 9000330929; -48; r80c; r80c1; 46231500; 46432301; 7668988; 7737262; 63222836; -7; -97; -905; -908

Servicing: Fiat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (3), **A.** 61.90, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111630 Starter

Replacing: 63102008; 63222900; 46231537

Servicing: Fiat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (3), **A.** 64.35, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111685 Starter

Replacing: 0001107066; -411; 46406973; 46454211; 60620761; 63111005; -7; 63223730; 46791692; 55193406

Servicing: Renault; Lancia; Fiat; Alfa Romeo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.80, **No. of mount. holes** 3 (0), **A.** 65.90, **B.** 10.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111693 Starter

Replacing: 0001362102; 11.130.532; azj3156; 9142840; 63217410; 14860; 4856055; mt74l

Servicing: Iveco; Fiat; Multicar

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 295.65, **No. of mount. holes** 3 (1), **A.** 110.00, **B.** 21.65, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



111750 Starter

Replacing: 0001107014; -27; -28; 0001108087; -106; -139; -140; 81bb11000aa; 92ab11000ja; 26689; 63226689; 00011

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 3 (3), **A.** 75.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111906 Starter

Replacing: 0001107087; -407; 0001113010; -7; 0018882; 1011330; -1; 1018882; -3; 1063999; 1064000; 1088649; 1092

Servicing: Ford; Mazda; Volvo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 214.35, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 26.35, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111911 Starter

Replacing: 12411712937; 12411740373; -4; -9; 0001108065; -108; -115; -157; b001111498; 63111006; 63223435; -537

Servicing: Ford; Bmw; Bertolini

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 231.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112026 Starter

Replacing: 131955508; 63114014

Servicing: Fiat; Peugeot; Citroen; Iveco

V. 12, **kW.** 2.6, **B+ / B-** M8, **L.** 276.00, **No. of mount. holes** 3 (3), **A.** 81.50, **B.** 23.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112034 Starter

Replacing: 0001109029; 0001110033; 0001214002; 11.131.157; AZE2636; 63221435

Servicing: Vw; Goldoni; Ferrari; Bcs; Mosa; Arona; Ruggerini; Lombardini; Acme; Hatz

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 233.30, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 27.00, **No. of teeth** 9, 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112122 Starter

Replacing: 7772462; 63223085; -303

Servicing: Fiat

V. 12, **kW.** 0.9, **B+ / B-** M8, **No. of mount. holes** 3 (3), **A.** 64.50, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



112123 Starter

Replacing: 63223532

Servicing: Fiat

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (0), **A.** 66.10, **B.** 23.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



112124 Starter

Replacing: 46417006; 7773812; 50246648; 63103002; -7; -22; 63223101; 35258890; 46774415

Servicing: Fiat; Lancia; Citroen

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (3), **A.** 64.10, **B.** 11.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



112125 Starter

Replacing: 0001218120; -33; -45; -46; -47; 7642261; 7680619; 7716196; -767; 63222038; -134; -135

Servicing: Alfa Romeo; Fiat; Lancia; Ford

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (3), **A.** 82.40, **B.** 24.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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112136 Starter

Replacing: 11.130.896; azj3318; 26398; 26398a; 27533; -601; 1618050M14; 1618050M4; -R4; 3637269R91; 26398h; -f;

Servicing: Massey Ferguson

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 48.30, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112223 Starter

Replacing: 46406938; 63222204

Servicing: Lancia

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 260.50, **No. of mount. holes** 3 (0), **A.** 81.50, **B.** 9.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112235 Starter

Replacing: 1057652; 1061458; 6775703; 7177333; 93bb11000cb; -db; -hb; -hc; 96bb11000a3c; 96bb11000aa; -b; -c; f

Servicing: Ford; Mercury; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 3 (2), **A.** 76.10, **B.** 13.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112267 Starter

Replacing: 0001367079; lns2800; 3909913; 10461285; 10465026; -43; -211; -365; 10479621; -4; 1113276; -92; -593;

Servicing: Ford; Cummins; Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 10, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112277 Starter

Replacing: 26920; 47920141; 63226920; 2873b059; 20550101

Servicing: Perkins

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 261.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.00, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** GR



112289 Starter

Replacing: 0001211246; 9000082061; 4470377; -8; 46231535; -40; 5968605; 7589547; -655; 7666528; 77398430; 77603

Servicing: Fiat; Lancia; Innocenti

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 224.00, **No. of mount. holes** 3 (3), **A.** 64.20, **B.** 13.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112309 Starter

Replacing: 0001108113; -4; 63223438; 078911023; 078911023a; -x

Servicing: Audi; Vw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (1), **A.** 76.00, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112319 Starter

Replacing: 0001108121; 93bb11000aa; -b; 11.130.717; AZE2535; 63227004

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 242.50, **No. of mount. holes** 3 (2), **A.** 76.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112340 Starter

Replacing: 0001108122; 93bb11000bb; -jb; -jc; f3rz11002b; sa-814; sa814; 63280002; 6686135

Servicing: Ford; Mazda; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 4.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112379 Starter

Replacing: 0001109048; 46437520; 46522234; 63113003; 0001108204; 11.130.996; aze2110

Servicing: Fiat

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 221.35, **No. of mount. holes** 3 (0), **A.** 77.00, **B.** 10.0, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112380 Starter

Replacing: 0051510701; 0051512601; 63101007; A0051510701; A0051512601; 63191007; 0003188V006; -4; -8

Servicing: Smart (mcc)

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 179.50, **No. of mount. holes** 2 (2), **A.** 70.00, **B.** 14.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112381 Starter

Replacing: 63111000; 63223639

Servicing: Lancia

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 9.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112382 Starter

Replacing: 46429594; 46763529; 63101015; -8; 63102007; -18; -20; 46740242; S114-903; S114-903A

Servicing: Fiat; Lancia

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 191.00, **No. of mount. holes** 3 (1), **A.** 64.50, **B.** 10.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112383 Starter

Replacing: 46451529; 46531437; 63111008; -16; -36; -37; 46748355

Servicing: Fiat; Lancia

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 213.00, **No. of mount. holes** 3 (2), **A.** 63.50, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112390 Starter

Replacing: 11.131.100; 25219; 26631; 27018; 66925191; 63226631; aze1227

Servicing: Lister

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112436 Starter

Replacing: 0001223013; 1329201080; 46758240; 8029647; 0001218759; msn2006; 063522187590; is1269; 11.131.476; az

Servicing: Fiat; Peugeot; Citroen

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 273.00, **No. of mount. holes** 3 (3), **A.** 81.50, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112455 Starter

Replacing: 0001108025; -146; 46231592; 7541569; 7588942; 63223432

Servicing: Lancia; Fiat; Alfa Romeo; Vw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 238.25, **No. of mount. holes** 3 (0), **A.** 66.50, **B.** 22.45, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112498 Starter

Replacing: 0001231016; 4892338; ; 48922338; 42498718; 63522310; msn2008; is1264; 11.131.846; azf4237

Servicing: Iveco

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 49.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112533 Starter

Replacing: 12412246570; -1; 12417785691; 12419069808; 0001218134; 1202141; -68; 6202017; 90465731; 93171945; 00

Servicing: Bmw; Opel; Land Rover; Vauxhall

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 238.60, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 20.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112537 Starter

Replacing: 0001218012; -3; -8; -113; -114; -115; b001233158; 50246416; 046911023b; 069911023c; -d; 9000331426

Servicing: Audi; Vw; Fiat

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 274.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112660 Starter

Replacing: 0001359045; -69; 0001362310; 0001367042; 1107862; -7; 26336; 27508; -56; -75; -86; -604; 529965ex; 1

Servicing: Case

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 333.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



113182 Starter

Replacing: 0001230010; -07; -23; 500325145; ; 63522300; msn2039; is1262; 11.131.604; azf4155

Servicing: New Holland

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 320.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 30.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113254 Starter

Replacing: d6ra110; 428000-1640; 63280091

Servicing: Peugeot; Citroen

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 212.50, **No. of mount. holes** 4 (2), **A.** 62.50, **B.** 14.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113346 Starter

Replacing: 11.130.783; 26660; -90; -93; -94; 27034; 63223104; 63230001; 63223103; 0001106016; TJG911023B; 90572

Servicing: Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 210.50, **No. of mount. holes** 3 (0), **A.** 67.00, **B.** 39.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR



113381 Starter

Replacing: 11.130.510; azj3145; -95; 63217121; 11.130.618; 27430; 27430a; -b; 20404082; 0001367012; v450dt; mt7

Servicing: Fiat-Allis; Goldoni; Farymann

V. 12, **kW.** 2.5, **B-** M8, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 109.70, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



113430 Starter

Replacing: 63113002; 46478945; 46748351; 0001109030; 46430784; 46473784; 60814911; 11.130.997; aze2111; 113297;

Servicing: Alfa Romeo; Fiat; Lancia

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 3 (0), **A.** 81.50, **B.** 9.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113467 Starter

Replacing: 1163758; 42498131; 1163758; 11.130.619; azj3196; 0001365004; mrs706

Servicing: Iveco; Deutz-fahr; Atlas Copco

V. 12, **kW.** 3.7, **B+ / B-** M10, **L.** 346.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113654 Starter

Replacing: 2873k404; 63280040; 11.131.228; AZAF4569; 2873k621; 11.131.780; AZE4172

Servicing: Perkins; Jcb

V. 12, **kW.** 3.0, **B-** M8, **B+ / B-** M8, **L.** 292.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

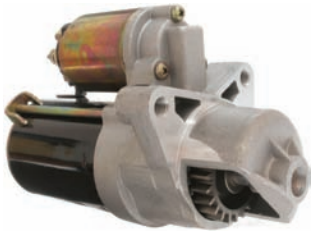


113655 Starter

Replacing: 2873k405; 63280041; 3873k625; 11.131.781; 2873K624; AZE4173; 2873K625

Servicing: Perkins; Jcb

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 291.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 30.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113701 Starter

Replacing: 1030151; 97kb11000ab; -c; 1067622; 96fb11000me; 63223538; 63293538; 95fb11000bc; -d; -g; 96fb11000md

Servicing: Ford; Mazda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 218.50, **No. of mount. holes** 3 (2), **A.** 72.00, **B.** 14.00, **No. of teeth** 23, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113752 Starter

Replacing: 0001110092; -102; -124; 0001109018; 26943; -5; -6; 63112003; 46439700; 7692102; 7770210; 46430721; 4

Servicing: Fiat

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 3 (3), **A.** 81.80, **B.** 23.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110205 Starter

Replacing: im380; -641; 0001411008; -12; 0001417041; 9000084019; -24; 2311210; 19024075; 08280; 81460046; 46593

Servicing: Volvo

V. 24, **kW.** 6.5, **B+ / B-** M12, **L.** 403.50, **No. of mount. holes** 3 (0), **A.** 90.50, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110206 Starter

Replacing: 002/511; -601; -608; -611; -702; -801; -808; -809; -901; -904; -906; -909; im310; -502; -523; 000141

Servicing: Mercedes-Benz; Ford; Man; Neoplan; Kässbohrer; Claas; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 92.25, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110207 Starter

Replacing: im16; im326; -505; 0001402057; 0001410046; 0001414019; 0001415013; 0001416005; -7; 1327a600; -1; 299

Servicing: Volvo; Volvo Bm

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 386.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110208 Starter

Replacing: im325; -50; -508; -509; -521; 0001402053; 0001410044; 0001411016; 0001414008; 0001415004; -16; 00014

Servicing: Mercedes-Benz; Steyr; Volvo; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110209 Starter

Replacing: im327; -543; 0001410067; 0001416043; 9000084008; 2998009; 11206; 22622; 6230000; R23.23; 0001410060;

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 387.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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110210 Starter

Replacing: 001/504; -6; -7; -706; -905; -911; im360; -510; -601; -801; 0001410024; 0001411009; 0001417001; -51;

Servicing: Mercedes-Benz; Man; Neoplan; Kässbohrer; Ssangyong; Fiat-Allis; Mitsubishi

V. 24, **kW.** 6.0, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 91.75, **B.** 48.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110211 Starter

Replacing: im371; -647; 0001410005; 0001411013; 0001417047; 19024079; 0150000; R22.15; 571461; 349579; 860544;

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110212 Starter

Replacing: im312; -61; -548; -607; -645; 0001410098; -115; 0001411005; 0001415014; -5; 0001416048; 0001417045;

Servicing: Iveco; Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.65, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110213 Starter

Replacing: im316; -62; -605; 0001410065; 0001411025; 0001417005; -73; 19024053; r22.07; 4732242; 4782803; 81467

Servicing: Iveco; Citroen; Fiat

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 403.60, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 20.80, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110214 Starter

Replacing: im330; -643; 0001410037; 0001415008; 0001417043; 0001501020; -9; -33; -35; 2998006; 19024077; r20.28

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 37.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110338 Starter

Replacing: r80z; mts12-22; 4198600; -1; 46231525; 77145430; aze0201; aze1501; 9141325; 63220701; -21; -31; -41;

Servicing: Fiat; Lancia; Zastava

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110351 Starter

Replacing: 0001108099; b001111273; 11.130.505; -93; aze2512; azf3555; 2103-12vip54; 2108-3708010; -9; 293708; 4

Servicing: Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 34.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140043



110461 Starter

Replacing: 0001358200; -1; -2; 0001362307; 715f11000ma; 11.130.769; azj3279; 26355; -6; -88; -407; 27501; -31;

Servicing: Lancer Boss; Ford

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 12, 13, **Rotation** CR, **Drive type** Steel, **Gear** DD



110462 Starter

Replacing: 0001362067; 538501; 71yb11000aa; 11.130.579; -624; azj3182; -98; 26137; -47; -211; -213; -291; -316;

Servicing: Ford; New Holland; Buhrer; Matbro

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 319.45, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

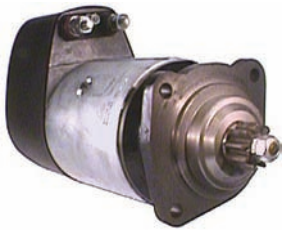


110464 Starter

Replacing: 26153; -66; -286; 27419; -65; nsb515; 2873126; -53; 2873a016; -105; 202-34960; 272-905; lrs138; 2747

Servicing: Lancer Boss; Carbodies; Daf

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 336.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110517 Starter

Replacing: 0001363101; -11; 19024242; 12080; 4691200; 4706931; 4744841; 4752403; 4807377; 6706931; 77050561; 77

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 3.2, **B+ / B-** M10, **L.** 295.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110518 Starter

Replacing: 0001360063; 0001368020; 859542; 2998201; 19024232; -56; 11430; 42498212; 4706008; 4716026; -62; 4737

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110519 Starter

Replacing: 0001359071; 0001367030; 19024229; 22626; 4713805; 11.130.862; azj3299; 4737758; 4755112; 63216802; -

Servicing: Volvo; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110520 Starter

Replacing: 0001360007; -27; 0001368021; 19024201; 10450; r10.05; r10ta; 4706720; 4737757; 4755113; 77065560; 77

Servicing: Fiat-Allis; Cummins

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110521 Starter

Replacing: 0001360015; -43; 0001368019; 19024231; 11380; -930; 4172004; 4187587; 4231018; 4232191; 4269114; 468

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 111.00, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110522 Starter

Replacing: 0001359122; 0001367029; 19024202; -53; 11420; 14650; r11.03; r11c; 4737759; 4807376; 11.130.366; -69

Servicing: Fiat; Fiat-Allis; New Holland; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110523 Starter

Replacing: 0001360012; -4; -35; 0001368001; -7; 859539; 19024226; -34; -813; 11580; r10.08; 11.130.075; -141; -

Servicing: Iveco; Case; Abg; Ahlmann; Payloader; Compair; Khd

V. 24, **kW.** 4.8, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110524 Starter

Replacing: 0001360022; -34; -37; -52; -65; 0001368022; -4; -55; -62; -300; -307; -309; 9000083065; 9000143601;

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110525 Starter

Replacing: 0001359043; -84; 0001367034; -59; -300; -301; -303; 9000083028; -54; 9007044002; 2998000; 19024205;

Servicing: Mercedes-Benz; Claas

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110529 Starter

Replacing: 0001359021; -102; 0001367023; -8; 2998200; 19024230; 11370; r11.07; r11w; 4172113; 4699705; 4702248;

Servicing: Fiat; Fiat-Allis; Agrifull; Benfra; Iveco

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110530 Starter

Replacing: 0001354014; -90; 0001358003; -6; -20; -51; 0001359004; -108; 0001362022; -35; 0001367013; 19024238;

Servicing: Lamborghini; Same; Huerlimann

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 22.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110532 Starter

Replacing: im381; -2; -606; 0001411017; -26; 0001417006; -74; 19024054; 06860; r20.24; r20w; 4179626; 4732241;

Servicing: Iveco; Citroen

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110534 Starter

Replacing: im324; -530; 0001410053; -63; -99; 0001416030; 19024030; r23.18; 8122161; 0001410109; 0001416035; 10

Servicing: Fiat; Iveco; Ford

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 387.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110535 Starter

Replacing: im328; -536; 0001410111; 0001416036; 19024035; 81466036; 22620; 6210000; R23.21; 860655; C9JF11350A;

Servicing: Iveco

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110536 Starter

Replacing: 0001358027; -46; -49; -73; -305; 0001359012; -27; -46; -49; -73; -78; 0001362016; -34; -91; -305; -3

Servicing: Iveco; Mercedes-Benz; Khd; Fendt; Deutz-fahr; Claas; Bomag; Abg; Case; Irmer; Kramer; Sennebogen; At

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 287.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110545 Starter

Replacing: 0001359047; -124; 0001367032; r11.01; -6; -10; r11a; -f; -n; 11.130.179; -376; -414; azj3119; -234;

Servicing: Zetor; Valmet; Chang Feng (liebao); Balkancar; Dronningborg; Sampo-rosenlew; Ursus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 335.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

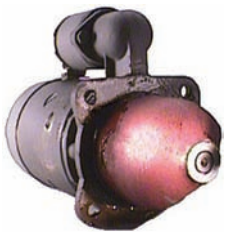


110550 Starter

Replacing: im40; im40/1; 0001402040; r10.03; -6; -7; r10b; -g; -u; 443115174642; 9174642

Servicing: Mercedes-Benz; Man; Neoplan; Steyr; Kässbohrer; Ssangyong; Volvo; Ikarus; Kaelble-gmeinder; Zts Tees

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 378.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110551 Starter

Replacing: 0001359048; 19024815; r11.02; r11b; 11.130.821; 443115144742; 9144742; 7701013039; 0001359001; -53;

Servicing: Zetor; Ursus; Same; Lamborghini

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 326.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110582 Starter

Replacing: im511; 0001410106; 0001415017; 0001416011; -52; 19024018; -46; 22608; 4784745; -7; 42498148; 10825;

Servicing: Iveco; Citroen

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

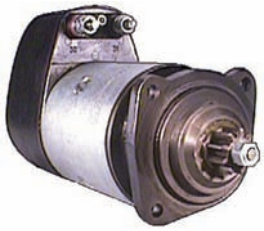


110587 Starter

Replacing: 0001208516; -707; 9150747780; -880; 9150864480; -580; 95508644; 95607229; 534039; 8293; -4; 11.130.2

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 3 (3), **A.** 66.05, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



110600 Starter

Replacing: im520; 0001402038; 0001410058; -91; 0001414007; 0001416020; -55; bng4/24cr301; 19024023; 10655; im30

Servicing: Ikarus

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 90.15, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110615 Starter

Replacing: 11.130.526; azj3151; 26294; -357; 26357r; 26925316a; 27518; -20; -24; -70; -85; -88; -92; -96; nsb52

Servicing: Massey Ferguson; Allis Chalmers; Agco Allis; Agco White; Jcb; Perkins; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 312.25, **No. of mount. holes** 3 (0), **A.** 88.60, **B.** 28.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110624 Starter

Replacing: 0001211241; 02914207; 11490400; 443115142071; -110; -112; 9141312; 9142110; -2

Servicing: Skoda

V. 12, **kW.** 0.65, **B+ / B-** M10, **L.** 199.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 26.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



110813 Starter

Replacing: 0001223504; 0001362032; -9; -105; 4169096; 4682998; 4710224; 4722682; 4728682; 4759929; 88205005; 11

Servicing: Vw; Skoda; Fiat; Fiat-Allis; Allis Chalmers; Agrifull; Benfra; Goldoni; Iveco

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 294.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110818 Starter

Replacing: 0001362060; 11.130.630; -972; azj3204; -347; 26071; -133; -167; -173; -278; -917; 27413; -23; -63; n

Servicing: Case; Fiat-Allis; Massey Ferguson

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 24.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110825 Starter

Replacing: 0001211242; 4392459; 4412878; 4435660; 46231527; -8; -9; 77387430; 63221300; -30; 4392859; 9141326

Servicing: Alfa Romeo; Fiat; Lancia; Seat; Bertone

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 222.50, **No. of mount. holes** 3 (3), **A.** 64.25, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110867 Starter

Replacing: 0001110013; -9; -43; -64; -88; -104; -105; 0001317023; b001117070; 89ab11000aa; 91ab11000eb; -ga; -p

Servicing: Ford; Mazda

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 265.00, **No. of mount. holes** 3 (3), **A.** 76.00, **B.** 14.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110932 Starter

Replacing: im332; -544; 0001410057; -68; 0001416044; 19024040; 22623; R23.24; im322; 9125430

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110980 Starter

Replacing: im561; 0001416061; 19024048; 477049; 5003312; 6340000; R23.34; 8192965; 860512; 9125500

Servicing: Volvo

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



111001 Starter

Replacing: 0001359038; -83; -113; 0001367005; 19024250; 11.130.254; -898; azj3557; mt68ra; 9144820; 63216816; A

Servicing: Lamborghini; Same; Steyr

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 320.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 20.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111008 Starter

Replacing: bpd6/24ar9z11; 443115187340; 9187340

Servicing: Tatra

V. 24, **kW.** 8.0, **B+ / B-** M10, **L.** 426.00, **No. of mount. holes** 0 (0), **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111059 Starter

Replacing: 0001106002; 0001107007; -8; 0001112003; -4; 0001114005; -6; 0001208416; -7; -8; -9; 0001211257; -8;

Servicing: Vw; Seat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140008.



111060 Starter

Replacing: 0001110001; -2; -14; -15; 0001117008; b001117071; 11.130.722; 9141393; 068911023g; 176911023; 000111

Servicing: Vw

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 264.35, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 31.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140018.



111070 Starter

Replacing: 0001108183; 0001110017; -56; 0001314034; 95514125; 95607234; 11.130.642; aze2521; 9141404; m0t80082;

Servicing: Citroen; Peugeot; Talbot; Fiat; Lancia; Suzuki; Hyundai

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 229.80, **No. of mount. holes** 3 (3), **A.** 64.60, **B.** -6.50, **No. of teeth** 10, 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111201 Starter

Replacing: 443115144702; 444115144702; 9144702; d11e118; -46

Servicing: Avia

V. 12, **kW.** 2.9, **B+ / B-** M10, **L.** 326.65, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111214 Starter

Replacing: 443115141310; 443115142350; 9141310; 6u0911023b; 20510110; 9141430

Servicing: Skoda; Vw

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 194.75, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 26.45, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111218 Starter

Replacing: im528; 0001402079; 0001414011; 0001416028; 19024028; 6330000; R23.33; 860543; 9125350

Servicing: Volvo Penta

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 388.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.00, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111219 Starter

Replacing: im335; -553; -623; 0001410050; 0001411010; 0001415021; 0001416053; 0001417023; 19024047; -63; 10800;

Servicing: Volvo Penta

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.40, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111231 Starter

Replacing: im653; 0001417053; -61; 19024080; 11.139.030; azk5189; d13e107; -10; d13e110te; d13e111; d13e117te;

Servicing: Renault V.i.

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 88.95, **B.** 40.25, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111241 Starter

Replacing: 36100-35010; -50; mg112022; mp112041; m1t71381; -2; m1t71382zc; m1t72581; -3; m1t72583g; m1t79081; m

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.80, **No. of mount. holes** 2 (2), **A.** 72.95, **B.** 17.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111249 Starter

Replacing: im517; -27; 0001402011; -56; -58; 0001414018; 0001416017; -27; bng4/24cr165br; 19024554; 22612; 6140

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 381.80, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 48.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Bronze, **Gear** DD



111332 Starter

Replacing: 0001362025; -43; -306; -314; -341; 0001369017; f135902060010; x830100009; 11.130.669; -706; azj3218;

Servicing: Fendt; Renault

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 293.55, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 19.45, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111523 Starter

Replacing: 0001108005; -6; -94; -95; -127; b001111024; 7727534; 11.130.724; 9141392; 055911023g; AZE2538; 05591

Servicing: Vw; Lancia; Fiat

V. 12, **kW.** 1.4, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111619 Starter

Replacing: 0001110025; -82; 46231601; 5997309; 7580192; 77323430; d7r42; 8111509; 35258420; 9141385; 0001110125

Servicing: Fiat; Seat

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 268.50, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 24.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111693 Starter

Replacing: 0001362102; 11.130.532; azj3156; 9142840; 63217410; 14860; 4856055; mt74l

Servicing: Iveco; Fiat; Multicar

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 295.65, **No. of mount. holes** 3 (1), **A.** 110.00, **B.** 21.65, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



111748 Starter

Replacing: 0001107020; -1; -52; -53; 0001112038; -9; 9000694029; 9141394; 020911023; 020911023a; -j; -l; -m; -n

Servicing: Vw; Seat; Ford; Audi; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 223.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111749 Starter

Replacing: 0001107022; -3; 02a911023f; -t; 9141413; 11.130.775; AZE2543; 66925322

Servicing: Vw; Seat; Ford; Audi; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111752 Starter

Replacing: 0001354073; -80; 0001359014; -74; 0001362063; -300; 0001367001; 19024257; azj3242; 11.130.889; AZJ33

Servicing: Case; Payloader

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111755 Starter

Replacing: 0001359016; -90; 0001367075; -8; 0001369001; -5; at23401; ty6720; 11.130.534; -69; -762; -819; azj31

Servicing: John Deere

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 33.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111855 Starter

Replacing: 0001218172; 0001223002; 443115142726; 9142726; 069911023f; 11.131.109; aze4535; 9142900; 0001218772

Servicing: Khd

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 23.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111909 Starter

Replacing: 0001121006; -7; 443115141313; 020911023f; 0001120402; 11.131.054; aze2623; 0001121028; d7es1; -5; 19

Servicing: Audi; Vw; Seat; Ford; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 3 (0), **A.** 76.25, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112005 Starter

Replacing: 0001121008; -9; 02a911023l; 11.131.137; aze2634; 0001121026; -18; -19; -7; 915111D

Servicing: Audi; Vw; Skoda; Seat

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112074 Starter

Replacing: 0001369015; 3918688; 81866002; 82005342; 898821291; 11.130.627; azj3201; 82007917; 82013922; 8982129

Servicing: New Holland; Ford

V. 12, **kW.** 3.1, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112117 Starter

Replacing: im664; 0001417064; 4839041; 860513; 9125160

Servicing: Iveco; Citroen

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M12, **L.** 405.50, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 20.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Oil sealed.



112118 Starter

Replacing: 0001411021; -7; 0001417007; 860514; 9125040

Servicing: Iveco; Isotta Fraschini

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112119 Starter

Replacing: im642; 0001417042; 19024076; 22718; 11.139.022; 81467042; -3; 349575; 571453; 860505; 9125110

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

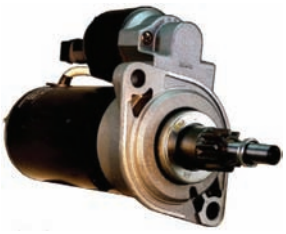


112131 Starter

Replacing: 0001107003; -4; 0001108076; -7; 11.130.845; aze2558; 02a911023e; 9141410; 02a911023d; 02A911023DX; 0

Servicing: Vw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 244.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR
Bushing D.E. (Clutch house): Cargo 140018



112133 Starter

Replacing: 0001110084; -5; 11.130.776; -912; aze2544; -79; 02a911023g; 9141414

Servicing: Vw; Seat

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 282.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry
Bushing D.E. (Clutch house): Cargo 140018



112134 Starter

Replacing: 0001110031; -2; 11.130.844; -913; aze2557; -80; 02a911023b; 9141412

Servicing: Vw

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 282.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 50.70, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry
Bushing D.E. (Clutch house): Cargo 140018



112167 Starter

Replacing: 9141319; 0001110061; -2

Servicing: Vw

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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112286 Starter

Replacing: 0001110076; -7; -98; -99; 0001124003; -4; 0001125005; -6; 11.130.723; aze2537; 9141395; 020911023b;

Servicing: Vw; Seat; Ford; Audi; Skoda; Mercedes-Benz

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 3 (0), **A.** 76.10, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112306 Starter

Replacing: 0001107005; -6; 02b911023b; 9141390; 0001108096; -7; 11.131.178; aze2640

Servicing: Vw

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112388 Starter

Replacing: 443115141331; -8; 047911023c; -g; 9141331

Servicing: Skoda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 3 (1), **A.** 50.00, **B.** 21.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112429 Starter

Replacing: 0001125018; -9; 1111210; ym2111000ba; d7rs50; 02m911023a; -c; -f; 0001125048; 915109D; 0001125049

Servicing: Audi; Vw; Ford; Seat; Skoda

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 259.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 62.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112442 Starter

Replacing: 0001367077; al81154; 0001230002; 7700045291; 9142745; RE503226

Servicing: John Deere

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.30, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112488 Starter

Replacing: 443115142780; 9142780

Servicing: Belarus

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 238.50, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 32.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113269 Starter

Replacing: 9142702; 446115144702; 443115142702

Servicing: Daewoo; Case; Barber Greene; Benford; Matbro; Thwaites; Perkins; Atlas Copco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 234.50, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 31.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113356 Starter

Replacing: 9172780; is0676; 11.130.676; AZJ3223

Servicing: Zil; Gaz; Belarus

V. 24, **kW.** 3.5, **B+ / B-** M10, **L.** 235.00, **No. of mount. holes** 3 (0), **A.** 99.90, **B.** 32.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



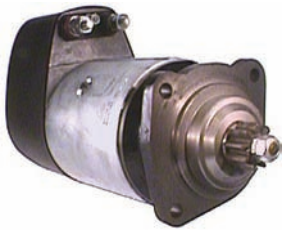
113677 Starter

Replacing: 0001121010; -1; 443115141319

Servicing: Vw

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 213.15, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 52.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Miscellaneous



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110146 Starter

Replacing: 31200-657-004; -10; -671; 31200-671-671; 31200-689-662; 31200-pa0-671; 31200-pa4-912; 31200-pa5-921;

Servicing: Honda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 203.50, **No. of mount. holes** 3 (1), **A.** 75.00, **B.** 31.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110312 Starter

Replacing: 31200-p01-003; 31200-pe0-461; -661; -662; -663; -664; -665; 31200-pg6-004; -34; -663; -673; 31200-pm

Servicing: Honda; Rover

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 178.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 32.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110322 Starter

Replacing: 31200-pa2-663; 31200-pb2-003; 31200-pc6-003; 31200-pc6-0033; 31200-pc6-661; 31200-pd2-003; 31200-pd2

Servicing: Honda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 216.29, **No. of mount. holes** 3 (0), **A.** 75.00, **B.** 32.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111442 Starter

Replacing: 31200-pe1-670; -1; -2; -3; -4; 31200-pg6-911; 31200-pg6-9122m; 31200-pg6-914; -5; -6; 31200-pm2-j01;

Servicing: Rover; Honda; Acura

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

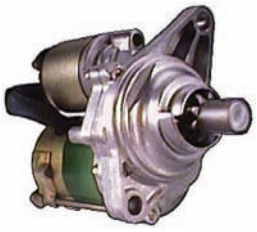


111458 Starter

Replacing: 31200-pc6-6615; 31200-pc6-662; -4; 31200-pd2-6612; sm302-02; -6; -8; 028000-6030; -1; -40; -41; -610

Servicing: Honda; Chrysler

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 209.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 32.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111543 Starter

Replacing: 31200-ph3-006; -951; -953; 31200-ph4-s12; 31200-pk2-306; -953; -955; -s02; sm302-18; -27; -28; sm302

Servicing: Honda; Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111546 Starter

Replacing: 31200-ph7-006; -661; sm302-19; 128000-2830

Servicing: Rover; Honda; Acura; Sterling

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 3 (0), **A.** 75.00, **B.** 40.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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111917 Starter

Replacing: sm13237; 6m6818-001000; 6M6-81800-10; 64x-81800-00

Servicing: Yamaha

V. 12, **B+ / B-** M6, **L.** 168.00, **No. of mount. holes** 2 (0), **A.** 30.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111921 Starter

Replacing: 31200-hc4-023; sm13213

Servicing: Honda

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 193.00, **No. of mount. holes** 2 (0), **A.** 30.00, **B.** 36.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111922 Starter

Replacing: 31200-ha0-0682; sm10230; 31100-40b01

Servicing: Suzuki

V. 12, **B+ / B-** 6.3, **L.** 152.00, **No. of mount. holes** 2 (2), **A.** 46.00, **B.** 17.00, **No. of teeth** 14, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111923 Starter

Replacing: 31200-ha7-773; sm13232

Servicing: Honda

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 193.00, **No. of mount. holes** 2 (0), **A.** 30.00, **B.** 36.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111924 Starter

Replacing: 31200-ha7-315; sm13233

Servicing: Honda

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 182.00, **No. of mount. holes** 2 (0), **A.** 30.00, **B.** 34.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111925 Starter

Replacing: 31200-he0-003; sm13245

Servicing: Honda

V. 12, **B+ / B-** M6, **L.** 159.50, **No. of mount. holes** 2 (0), **A.** 30.00, **B.** 40.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111926 Starter

Replacing: 31200-hm3-671; sm13422

Servicing: Honda

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 193.50, **No. of mount. holes** 2 (0), **A.** 30.00, **B.** 35.50, **No. of teeth** 10, **Rotation** CR/ACR, **Drive type** Steel, **Gear** DD



111927 Starter

Replacing: 31200-hm8-003; sm13475

Servicing: Honda

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 145.00, **No. of mount. holes** 2 (0), **A.** 29.90, **B.** 41.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112009 Starter

Replacing: 3008-093; -327; -536

V. 12, **B+ / B-** M6, **L.** 195.70, **No. of mount. holes** 0 (0), **A.** 30.00, **No. of teeth** 9, **Gear** DD



112010 Starter

Replacing: 278-000-987; 21163-3712; 3240-110; 112088; 21163-3702; -9

Servicing: Sea Doo; Polaris; Kawasaki

V. 12, **B+ / B-** M6, **L.** 188.50, **No. of mount. holes** 3 (0), **A.** 36.60, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112011 Starter

Replacing: 63m818-00; 63m-81800-00

Servicing: Yanmar

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 182.20, **No. of mount. holes** 0 (0), **A.** 30.00, **No. of teeth** 9, **Rotation** CR/ACR, **Drive type** Steel, **Gear** DD



112214 Starter

Replacing: 31200-p45-g01; -11; -s01; 31200-pt0-0031; 31200-pt0-005; 31200-pt1-t03; dr4u2; sm402-04; sm402-04n;

Servicing: Rover; Honda

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113022 Starter

Replacing: 31200-pk2-006; -307; sm302-22

Servicing: Honda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 214.10, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 31.45, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113024 Starter

Replacing: 128000-7470; 31200-pt0-900; -3; -5; -6; sm402-03; 31200-pt0-904; dr4u3; 128000-7471; sm402-15; SM402

Servicing: Honda

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113025 Starter

Replacing: 31200-p30-005; sm402-16; sm402-16n

Servicing: Honda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 219.15, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113026 Starter

Replacing: 31200-p30-902; SM402-13; sm402-13n

Servicing: Honda

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 216.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 32.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113390 Starter

Replacing: sm442-09; 31200-p2m-a61

Servicing: Honda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 32.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113392 Starter

Replacing: 06312-P8A-5050; 31200-p8a-a01; sm442-01; -29

Servicing: Honda; Acura

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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113393 Starter

Replacing: 31200-P5M-902; sm442-24
Servicing: Honda
V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 204.50, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113394 Starter

Replacing: sm442-13; 31200-p2t-j01; p2t1s
Servicing: Honda
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 196.50, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113396 Starter

Replacing: sm422-01; 31200-p0g-a01; 31200-p0a-a01
Servicing: Acura; Honda
V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 204.50, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113398 Starter

Replacing: SM422-02; 31200-p0a-a04; -004; 2903726060; 5862026060; sm442-02; 31200-PAA-A02; 5862061680
Servicing: Honda; Acura; Isuzu
V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 32.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113399 Starter

Replacing: sm422-09; 31200-p2c-004
Servicing: Honda; Acura
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 32.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113400 Starter

Replacing: sm442-08; 31200-p2e-a51
Servicing: Honda; Acura
V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 193.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113409 Starter

Replacing: sm422-28; 31200-p5m-901
Servicing: Honda
V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 32.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113508 Starter

Replacing: 31200-p01-902; 31200-p03-902; sm302-44; -5; sm302-44n
Servicing: Honda; Mazda
V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 215.65, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.55, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113527 Starter

Replacing: 31100-w0100; sm13298; 3084403; 3585393
Servicing: ; Polaris
V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 149.85, **No. of mount. holes** 3 (3), **A.** 60.00, **No. of teeth** 17, **Drive type** Steel, **Gear** DD, **Clutch type** Dry
Drive: Cargo 230762.



113546 Starter

Replacing: SM7255
Servicing: Yamaha
V. 12, **B+ / B-** M6, **L.** 176.00, **No. of mount. holes** 2 (2), **A.** 30.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113617 Starter

Replacing: 31200-olm-a51; sm442-32; -6
Servicing: Honda; Acura
V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 31.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113648 Starter

Replacing: 31200-pgk-a01; sm442-31
Servicing: Acura; Honda
V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (0), **A.** 74.90, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

113821 Starter

Replacing: SM612-09; 31200-RAA-A51
Servicing: Honda; Acura
V. 12, **kW.** 1.6, **No. of teeth** 9, **Gear** GR



110142 Starter

Replacing: s114-156; -60; s114-160a; -b; -d; -e; -f; -g; -h; s114-163; s114-163b; -e; -f; s114-208; s114-55; -8
Servicing: Nissan
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 231.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110143 Starter

Replacing: s114-152; -5; -61; s114-161b; -e; -f; m2t10071; mca01-0; mwv10r; -1r; mwv8r; -9r; 23300-m0100; -1; -
Servicing: Nissan
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 218.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 10.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110144 Starter

Replacing: 581017; s114-103; s114-103k; -l; -m; -n; -p; s114-108; s114-108l; -m; -70b; -70e; s114-174; m3t10672
Servicing: Nissan; Tcm
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 187.00, **No. of mount. holes** 2 (0), **A.** 82.25, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110148 Starter

Replacing: m3t10072; mea01-1; mea12-1; 028000-4090; 0426-18-400
Servicing: Mazda; Ford
V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 2 (2), **A.** 74.00, **B.** 18.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110149 Starter

Replacing: 9000692069; FE50-18-400E; mc109039; m3t24481; -2; m3t24482a; m3t24483; -5; -6; m3t24486a; m3t24487;
Servicing: Mazda; Mercury
V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 198.00, **No. of mount. holes** 3 (2), **A.** 74.00, **B.** 15.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110155 Starter

Replacing: s114-91; s114-91k; m3t11272; me-y1r; mea13-1; mey1r; -3r; 23300-15800; -5; -10; -15; 23300-a3200; 23
Servicing: Nissan; Hyundai; Komatsu; Tcm
V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 191.00, **No. of mount. holes** 2 (0), **A.** 83.00, **B.** 7.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.



110157 Starter

Replacing: m3t10271; -2; m3t14572; -672; -673; m3t15071; -2; -3; -4; -5; -7; -772; -872; md001155; -550; -552;

Servicing: Mitsubishi; Hyundai; Dodge; Plymouth

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 128.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 17.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110158 Starter

Replacing: hsc107100; m2t44081; -681; m2t49881; m3t22581; -2; m3t25781; -2; -881; -882; m3t32581; -2; -3; -4; -

Servicing: Mitsubishi; Hyundai; Proton; Dodge; Eagle; Plymouth

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 233.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 18.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110182 Starter

Replacing: 4893-18-400; m0t84381; m3t10473; -5; -6; m3t10476d; FESE-18-400; FFSC-18-400; 111494

Servicing: Mitsubishi; Yale

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 201.50, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 21.00, **No. of teeth** 8, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110256 Starter

Replacing: m3t21281; -2; -781; -881; -882; m3t25181; 23100-r9000; 23300-00h00; 23300-l1110; -1; 23300-l2911; -2

Servicing: Nissan; Komatsu; Tcm

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 7.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110277 Starter

Replacing: s114-121; s114-121n; s114-122; s114-172a; -d; -e; s114-173; s114-173b; -e; -f; s114-229e; -f; s114-3

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 82.35, **No. of mount. holes** 2 (0), **A.** 82.35, **B.** 6.80, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110278 Starter

Replacing: s114-319; -20; s114-320a; m2t23081; m2t25772; m3t27681; -5; -6; m3t27686d; -h; -n; m3t27688; m3t4138

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 3.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110279 Starter

Replacing: 0001112018; s114-315; -6; -64; -402; -568; m2t23181; m2t27781; m2t37081; m3t27781; m3t27781d; m3t370

Servicing: Vw; Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 227.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 40.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110280 Starter

Replacing: s114-254; s114-254a; -b; -c; -d; -f; s114-258; s114-258a; -c; s114-268; -344; m2t50171; -81; m2t5207

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 211.80, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 7.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110283 Starter

Replacing: m1t11172; -3; -4; m3t10071; mea01-0; mea01-2ar; m3t11172; -4; 9005928-4; 9005958-01; -24; 0222-18-40

Servicing: Mazda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 187.50, **No. of mount. holes** 2 (0), **A.** 75.80, **B.** 19.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110286 Starter

Replacing: HE65-18-400; HE66-18-400; m3t20081; m3t22081; m3t24081; m3t25081; m3t30081; -2; -8; m3t32081; -2; m3

Servicing: Mazda; Ford

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 189.50, **No. of mount. holes** 2 (2), **A.** 73.50, **B.** 19.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110291 Starter

Replacing: m4t14572; -771; -872; md021666; -866

Servicing: Mitsubishi; Dodge; Plymouth

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 256.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 17.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110292 Starter

Replacing: m3t15971; m3t22681; m3t25981; m3t32681; m3t42881; md115514; mm115513; -4; -7; m3t15791; m3t24917; md

Servicing: Mitsubishi

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 206.80, **No. of mount. holes** 2 (0), **A.** 76.90, **B.** 19.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110295 Starter

Replacing: m1t70381; m1t70381a; m1t70387; 028000-7600; 028000-8580; -1; 128000-1220; 23300-aa010; -40; -180; 42

Servicing: Subaru

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 199.60, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 33.00, **No. of teeth** 8, 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



110308 Starter

Replacing: s114-126m; s114-139; -80; s114-180b; -e; -f; -g; -m; s114-181; -2; s114-182g; s114-295; s114-295a; -

Servicing: Nissan

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110309 Starter

Replacing: s114-255a; s114-296; s114-296a; -b; -c; -d; s114-304; -459; m2t52871; -81; -82; 23300-w1000; -1; -2;

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 120.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 8.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110310 Starter

Replacing: s114-389a; -90a; m2t30881; m3t30581; m3t30581h; -j; m3t30583; m3t41581; 23300-01e00; -10; -11; -12;

Servicing: Nissan

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 189.25, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 2.50, **No. of teeth** 8, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110311 Starter

Replacing: m2t52382; m2t53081; -2; -3; -5; -281; -282; m2t54086; md023746; -58; md027380; -1; -2; -585; md07258

Servicing: Mitsubishi; Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110315 Starter

Replacing: 36100-21730; -40; -50; 36100-22000; m39646; mc109018; -25; m2t40081; m2t41081; m2t47281; m3t25783; -

Servicing: Mitsubishi; Hyundai; Proton; Kia; Volvo Penta; Dodge; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 188.93, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 18.40, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110321 Starter

Replacing: m3t12572; md001553; me-wr

Servicing: Mitsubishi; Hyundai

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 17.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110340 Starter

Replacing: 0001211204; -5; -9; -10; -18; -19; -20; -47; -48; -59; 5133270; m3t80071; 63221304; -34; -437; d9e11

Servicing: Audi; Vw

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 229.90, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140018.



110389 Starter

Replacing: R201-18-400; R201-18-400B; RF01-18-400; RFL1-18-400; mg122404; m2t92071; m2t92071a; 128000-0040; 228

Servicing: Mazda; Suzuki; Ford; Asia Motors; Kia

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 3 (2), **A.** 88.00, **B.** 6.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110394 Starter

Replacing: 0001112032; 9000333121; m1t72481; m1t72481zc; m1t72483; m1t72483zc; m1t74581; m3t34781; -2; m3t38981

Servicing: Suzuki; Geo; Chevrolet

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (0), **A.** 65.85, **B.** 4.35, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110410 Starter

Replacing: 0001211223; -4; -55; -56; 9000692015; r80.03; r80g; 11.130.334; azf3527; 25349; -50; -51; 26604; -6;

Servicing: Vw; Austin; Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 34.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110411 Starter

Replacing: 028000-4000; -1; -20; -21; -22; -23; -24; -510; -512; 028000-5821; -2; -992; 028000-7550; -70; 02800

Servicing: Toyota; Vw

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 189.30, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110415 Starter

Replacing: m2t58381; 23300-20h12

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 221.00, **No. of mount. holes** 2 (0), **A.** 82.00, **B.** 8.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110420 Starter

Replacing: m2t58481; 23300-l6810

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 7.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110421 Starter

Replacing: 888919; 160-976-1361; 15231-63010; -1; -2; -3; -4; -5; -6; 16225-63013; 19837-63011; m3t29681; m3t33

Servicing: Suzuki; Daihatsu; Kubota; Toyota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110478 Starter

Replacing: s114-293; -367; s13-49a; s13-65; m2t51082; -3; 23300-w1701; -2; -11; -12; 23300-w2500; -801; -802; s

Servicing: Nissan

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 8.00, **No. of teeth** 9, 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110479 Starter

Replacing: 36100-11110; -20; -30; -40; -50; mc107012; -23; m3t32585; md016920; 36100-21000

Servicing: Mitsubishi; Hyundai

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 17.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110480 Starter

Replacing: s114-393; s114-393a; m2t52981; m2t53781; 23300-04e00; -1; -2; -10; 23300-d0310

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 203.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 3.50, **No. of teeth** 8, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



110572 Starter

Replacing: m1t79681; -781; m2t58681; md171228; md318086; md320618; 20513026

Servicing: Mitsubishi; Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.75, **No. of mount. holes** 2 (0), **A.** 76.95, **B.** 17.30, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110576 Starter

Replacing: 36100-41012; hsg232500; mg232415; m2t66871; -2; -3; m2t67871; -2; -3; -81; -82; -83; -84; me017034;

Servicing: Mitsubishi

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 243.00, **No. of mount. holes** 2 (0), **A.** 60.00, **B.** 19.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110578 Starter

Replacing: KG21-18-400; S210-18-400; S211-18-400; mg120416; a3t66073; m2t54371; -2; m2t60071; -2; -3; m3t66071;

Servicing: Mazda; Ford

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 241.00, **No. of mount. holes** 3 (1), **A.** 89.95, **B.** 41.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



110584 Starter

Replacing: 0001112007; -19; -29; -41; 91536242; 95624960; 95667752; -3; 96028857; 9605219380; 9608719280; 53405

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (1), **A.** 65.70, **B.** -7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110585 Starter

Replacing: 0001208515; -7; -26; -28; -717; 9000333117; 534029; -31; -42; -43; -57; 11.130.208; -346; -582; -790

Servicing: Renault; Volvo

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.15, **No. of mount. holes** 4 (4), **A.** 66.00, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110714 Starter

Replacing: PN11-18-400; PN22-18-400; m2t51281; -2; m2t52281; 1090040

Servicing: Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 235.50, **No. of mount. holes** 2 (2), **A.** 88.00, **B.** 2.85, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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110717 Starter

Replacing: s13-50; s13-50a; s13-64; m2t54871; -81; -82; 23300-v0711; 23300-w1800; -10; -11

Servicing: Nissan

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 7.70, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110774 Starter

Replacing: 0001208203; -5; -14; -406; 534003; 6244; -5; moc12-4; mta12-8; m3t19371; 95675; d8e134; d9e18; -87

Servicing: Talbot

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 3 (0), **A.** 82.40, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110797 Starter

Replacing: 0001208213; -506; 9150136780; 532011; 533001; 534045; -9; 11.130.246; -431; azf3519; -52; m3t19971;

Servicing: Peugeot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.50, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 25.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110807 Starter

Replacing: s114-550; s114-550a; kk0218400; kk37018400a; kk40118400; kky0218400; ky0218400; mb30118400c; hsc1081

Servicing: Mazda; Opel; Kia; Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 197.25, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 20.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110808 Starter

Replacing: mb35918400a; 1em008802; m43196; mc108024; -9; mc109021; -8; -36; m3t24482h; m3t24482hc; m3t24482j; -

Servicing: Mazda; Kia; Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 3 (2), **A.** 74.00, **B.** 14.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110809 Starter

Replacing: 36100-42010; -1; hsg120500; mg120413; -906; m2t56171; -81; -82; -85; m2t57271; -3; m2t62971; m3t6107

Servicing: Mitsubishi; Proton; Hyundai; Dodge

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 241.45, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 0.00, **No. of teeth** 10, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



110810 Starter

Replacing: m42373; F225-18-400A; mp112038; m1t71281; m1t71281a; m1t71281ac; m1t71281b; m1t71281zc; m1t71881; m1

Servicing: Mazda; Kia; Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 3 (2), **A.** 73.50, **B.** 16.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110811 Starter

Replacing: 31600-32540; 36100-32500; -10; -20; -630; hsp112110; mg112014; mp112040; m1t70481; -2; -3; m1t70483z

Servicing: Dodge; Mitsubishi; Hyundai; Kia; Mazda; Eagle; Plymouth

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 206.50, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 17.25, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



110822 Starter

Replacing: 0001208508; -702; 9000141113; 534004; -5; -7; mtv12-8; m3t19571; d8e133; -47; d9e19; -28; -31; -32;

Servicing: Talbot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 12.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110824 Starter

Replacing: 0001311041; -118; -122; -136; -137; -140; -141; -142; -143; s114-297; m1t50071; d10e75; -81; -83; 03

Servicing: Audi; Vw; Porsche

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 255.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 20.60, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110837 Starter

Replacing: 9000142003; 9000333104; -6; 9751377680; 97517545; m3t19771; -871; m3t39781; -881; d9e131; -2; d9e43;

Servicing: Citroen; Peugeot; Talbot; Rover

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 222.00, **No. of mount. holes** 3 (0), **A.** 74.50, **B.** 5.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110856 Starter

Replacing: 532021; -3; 6136; -85; -219; mta12p-7; 11.130.034; -134; aze0303; a3t02192; d8e111; -30; -31; d8e54;

Servicing: Renault

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 21.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110865 Starter

Replacing: 0001208709; -10; -11; -12; -13; -14; 0001211504; -5; 9000082050; -9; b001180009; m3t80571; d9e136; 0

Servicing: Audi; Vw

V. 12, **kW.** 0.95, **B+ / B-** M8, **L.** 228.75, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140500



110933 Starter

Replacing: m2t50371; -81; -91; mm409410; -4

Servicing: Iseki

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 220.50, **No. of mount. holes** 2 (0), **A.** 76.90, **B.** 29.25, **No. of teeth** 15, **Rotation** CR, **Drive type** Steel, **Gear** GR



110947 Starter

Replacing: m2t56271; -2; m3t61171; m8t70471a; mm409411; -3; 807950; 911410; 20513021; m8t70471

Servicing: Mitsubishi

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 238.50, **No. of mount. holes** 2 (0), **A.** 77.00, **B.** 31.00, **No. of teeth** 13, 15, **Rotation** CR, **Drive type** Steel, **Gear** GR



110958 Starter

Replacing: 36100-21770; hsc109120; tm000a0191; m39376; mc109032; m2t48081; m3t42781; m3t42781zc; m3t43481; md16

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 188.50, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 10.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110983 Starter

Replacing: m3t20781; m3t30781; -2; m3t32781; -2; m3t32782d; m3t70081; 8131-18-400; 8936-18-400; D501-18-400; D5

Servicing: Mazda; Ford; Chevrolet; Gmc

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 225.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 15.60, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110999 Starter

Replacing: 0001420001; -3; -4; -5; -9; -13; 0r5207; -70; 25900; 2p2501; 2s0900; 2s900; 3p0006; -7; -110; 3p3006

Servicing: Volvo; Peterbilt Trucks; Fiat-Allis; Case; Various; Caterpillar

V. 24, **kW.** 7.5, **B+ / B-** M12, **L.** 499.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.50, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 42MT. Oil sealed.

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111000 Starter

Replacing: 851122; -339; ms1a/20; -5; 0r2187; -90; 0r5209; 1l8174; 3t2646; -9; -50; -54; 3t3152; -3; 4n0957; 4n

Servicing: Fiat-Allis; Cummins; Caterpillar; Clark

V. 24, **kW.** 7.0, **B+ / B-** M12, **L.** 497.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.25, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 42MT. Oil sealed.



111005 Starter

Replacing: m3t30981; 4780-18-400

Servicing: Sumitomo; Yale

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 190.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 16.75, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



111011 Starter

Replacing: m2t56071; -2; 191-1394; -888; -959; oms133

Servicing: Lamborghini; Onan

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 34.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111070 Starter

Replacing: 0001108183; 0001110017; -56; 0001314034; 95514125; 95607234; 11.130.642; aze2521; 9141404; m0t80082;

Servicing: Citroen; Peugeot; Talbot; Fiat; Lancia; Suzuki; Hyundai

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 229.80, **No. of mount. holes** 3 (3), **A.** 64.60, **B.** -6.50, **No. of teeth** 10, 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111080 Starter

Replacing: nsb317; m1t72985; m1t72985a; 66925146

Servicing: Nissan; Infiniti

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 218.50, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 41.75, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111108 Starter

Replacing: m1t60081; -381; 23300-k9160; 23300-w9810; 20513039

Servicing: Mitsubishi; Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 198.50, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 8.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111135 Starter

Replacing: 0001311108; m3t24181; d9e17; 8309643; 8319618; 8545873; -81

Servicing: Saab

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 162.25, **No. of mount. holes** 2 (0), **A.** 89.00, **B.** 7.50, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111182 Starter

Replacing: s114-418; -9; s114-419a; s114-424; s114-424a; s114-556; s114-556a; s114-557; s114-557a; m3t40471; m3

Servicing: Subaru

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 213.75, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 39.80, **No. of teeth** 8, 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111241 Starter

Replacing: 36100-35010; -50; mg112022; mp112041; m1t71381; -2; m1t71382zc; m1t72581; -3; m1t72583g; m1t79081; m

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.80, **No. of mount. holes** 2 (2), **A.** 72.95, **B.** 17.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111242 Starter

Replacing: 36100-35510; hsp112140; mp112043; m1t73283; m1t78981; md172864; m1t73281; md162843; md309472; md3622

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 2 (2), **A.** 73.00, **B.** 10.25, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111246 Starter

Replacing: JE01-18-400A; JE48-18-400; JE01-18-400; JE01-18-400B; JE16-18-400; JE26-18-400; m1t74381; m1t75181;

Servicing: Mazda

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 248.30, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 17.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111251 Starter

Replacing: 0001107047; 11.130.956; m2t13281; m2t48381; 7700100647; 7700274351; 7700352049; 7700796488; 77008538

Servicing: Renault; Volvo; Dacia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 4 (4), **A.** 64.90, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111272 Starter

Replacing: m2t62271; m8t70371; m8t75171; 920670; 32a66-00101

Servicing: Mitsubishi

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 249.60, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 22.90, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111273 Starter

Replacing: 4840-18-400; m2t54571; -2; m5t22171

Servicing: Hyster; Yale

V. 12, **kW.** 2.7, **B+ / B-** M8, **L.** 240.30, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 31.65, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



111275 Starter

Replacing: m2t56471; -2; -5; m5t23172; 34466-20201; m3t64172; m2t60271; 34466-15202; 34466-03200; m2t61371; m2t

Servicing: Ford; Mitsubishi

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 250.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 23.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111300 Starter

Replacing: m2t54085; -91; m2t58981; 185086410; -291; -500; -510; SBA185086410; -500; m2t54083; 20513016; m8t700

Servicing: Ford; Volvo Penta; Bobcat

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 114.55, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 21.00, **No. of teeth** 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111303 Starter

Replacing: s114-570; s114-570a; -b; -c; s114-758; -75; s114-775a; 26667; 27022; -43; -47; m0t70281; -5; m2t4117

Servicing: Nissan; Jaguar

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 185.15, **No. of mount. holes** 2 (1), **A.** 69.95, **B.** 11.15, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR



111305 Starter

Replacing: 36100-32640; mp112033; -42; m0t70381; m1t73381; m1t73381zc; m1t73383; m1t73383zc; md162840; md172861

Servicing: Mitsubishi; Hyundai; Kia

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 206.85, **No. of mount. holes** 2 (2), **A.** 76.95, **B.** 9.25, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.



111310 Starter

Replacing: 26925159a; 228000-4640; m0t84781; m2t30381; m2t33781; -5; m2t41381; -881; -885; m2t46081; m3t33585;

Servicing: Suzuki; Subaru; Chevrolet; Geo; Pontiac

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 190.50, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 7.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111311 Starter

Replacing: K805-18-400; m1t75581; m1t75581zc

Servicing: Mazda; Ford

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 231.55, **No. of mount. holes** 3 (0), **A.** 72.00, **B.** 45.40, **No. of teeth** 12, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111312 Starter

Replacing: 9007045016; s114-535; -630; -769; s114-769a; m0t80285; m0t80285a; m1t77281; m2t49283; m3t37783; 2330

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 221.70, **No. of mount. holes** 2 (0), **A.** 69.85, **B.** 41.65, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR



111333 Starter

Replacing: m1t74491; 7700260710; 7700759861; 7700862838; d6ra45; -53; 5002701

Servicing: Renault

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 208.55, **No. of mount. holes** 3 (3), **B.** 3.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111348 Starter

Replacing: N326-18-400; m1t70781

Servicing: Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 2 (0), **A.** 67.00, **B.** 43.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

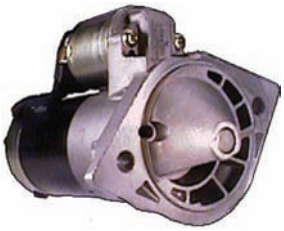


111349 Starter

Replacing: 33002709; 56041012; 56041012ab; 56041014; m1t74281; m1t74281zc; m1t74283; m1t74283zc; -6zc; -7zc; m1

Servicing: Jeep; Chrysler

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 5.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111443 Starter

Replacing: PN40-18-400; m1t90081; m1t90081a

Servicing: Mazda

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (2), **A.** 88.00, **B.** - 1.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111448 Starter

Replacing: s13-66; s13-66a; m2t54771; m2t61272; 23300-w2803; -4; 23300-w3410

Servicing: Nissan

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 8.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111451 Starter

Replacing: m1t74081; -7; m1t75681; m1t84481; 028000-6540; -50; 028000-8570; 028000-9800; 128000-1230; 128000-72

Servicing: Subaru

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 210.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 33.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111452 Starter

Replacing: s114-505; s114-505a; s114-780; -839; m3t21281d; m3t21882d; m3t41185; 23300-00h10; 23300-20p00; -5; 2

Servicing: Tcm

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 191.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 7.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111453 Starter

Replacing: KL06-18-400; m2t25681

Servicing: Mazda; Ford

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 249.00, **No. of mount. holes** 3 (0), **No. of teeth** 20, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111456 Starter

Replacing: 0001108070; -105; -135; 0001110024; 4557284; -384; 5226948; 5227248; -548; 5234648; 128000-3500; 128

Servicing: Chrysler; Dodge; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 7.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111459 Starter

Replacing: s114-520a; -b; s114-530; -3; -4; -750; -766; s114-766a; s114-767; -800; s114-800a; -b; m1t72085; m1t

Servicing: Nissan; Jaguar

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 2 (1), **A.** 69.90, **B.** 11.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111460 Starter

Replacing: JE27-18-400B; JF01-18-400C; m1t71781; m1t71781a; m1t73481a; m1t72681; je15-18-400; je15-18-400a; -b;

Servicing: Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **No. of mount. holes** 3 (3), **A.** 67.00, **B.** 16.65, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111461 Starter

Replacing: 36100-42050; mg122433; m2t60171; -2; m2t61071; -2; md072654; md095865; md156989; md164977

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 3.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



111465 Starter

Replacing: m1t71081; m1t72181; m1t72181a; m1t72182; m1t72182a; 23300-20r11; 23300-44r10; -1; 23300-51e10; -1; 2

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 3.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111472 Starter

Replacing: m1t70981; m1t70981a; m1t70982; m1t70982a; 23300-d0511; -2; -3; -4

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 3.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111473 Starter

Replacing: s114-558; s114-700a; -b; s114-701; s114-701a; -b; s114-701br; s114-804; s114-804a; s114-805; s114-80

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 192.00, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 42.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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111475 Starter

Replacing: 9000334103; 15852-63010; -1; -2; m2t30481; -581; -586; m2t33182; -3; m2t41581; -6; m2t42381; m2t4918

Servicing: Suzuki

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 185.50, **No. of mount. holes** 2 (0), **A.** 66.50, **B.** 17.50, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111476 Starter

Replacing: mg120445; m2t57773; m2t74171; md140190; md164976; 36100-47600; m2t57771

Servicing: Mitsubishi; Hyundai; Kia

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 10.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111485 Starter

Replacing: m1t60281; -5; m1t60285a; m1t60286; 23300-86g10; -1; -2; 23300-80g10; 20510168

Servicing: Nissan; Ford

V. 12, **kW.** 1.2, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 83.00, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111488 Starter

Replacing: s114-519a; -25a; m1t72281; m1t72281a; m1t72285; m1t72781a; -b; m2t72781; 23300-30p14; -r01; -r02; -r

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 3 (3), **A.** 70.00, **B.** 28.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111506 Starter

Replacing: s13-131; -331; -531; m2t61871; m2t61871a; -b; 23300-3m000; -10; 23300-57j00; -5; -11; -13; M2T62071;

Servicing: Nissan

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 230.35, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 3.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111508 Starter

Replacing: md308088; d6ra76; 20510101; les0227

Servicing: Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 2 (2), **A.** 70.95, **B.** 3.20, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111549 Starter

Replacing: s114-705; s114-705a; -b; -c; -d; -e; s114-762; s114-762a; -b; s114-827; m1t60581; m1t61181; 23300-52

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 3.65, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111552 Starter

Replacing: 23300-AA381; 128000-7190; -1; 128000-8310; -1; -2; 228000-7130; 23300-aa40a; -200; -220; -221; -280;

Servicing: Subaru

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 204.25, **No. of mount. holes** 2 (0), **A.** 65.00, **B.** 50.00, **No. of teeth** 8, 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111557 Starter

Replacing: m1t50471; m2t50981; G601-18-400

Servicing: Mazda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 228.00, **No. of mount. holes** 3 (3), **A.** 74.00, **B.** 15.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111560 Starter

Replacing: s114-362; s114-362a; m2t37281; 128000-0350; -1; 128000-1890; 128000-2550; -1; -800; 23300-ka470; -1;

Servicing: Subaru

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 232.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 39.15, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD

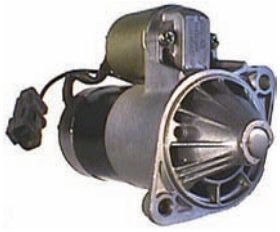


111562 Starter

Replacing: m1t71481; m1t71481a; 23300-30f10; -1

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 2 (2), **A.** 82.35, **B.** 3.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111563 Starter

Replacing: m1t70985; 23300-01y10; -1

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 2.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111565 Starter

Replacing: hq808670; mg122202; m2t60185; m2t61171; m2t63171; md121581; md156987; md164978; md191437; m2t62771;

Servicing: Mitsubishi; Hyundai; Kia

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 239.25, **No. of mount. holes** 2 (2), **A.** 77.30, **B.** 10.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111608 Starter

Replacing: s114-523; 26813; -34; -41; -45; m1t72981; m1t72981a; m1t78881; 23300-4e210; 23300-53j11; -2; 23300-6

Servicing: Nissan; Infiniti

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 2 (2), **A.** 82.25, **B.** 43.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111618 Starter

Replacing: s25-106; s25-106a; s25-129; s25-129a; -c; s25-132; s25-132a; -b; -c; -f; 23300-t7201; -0; 23300-t340

Servicing: Nissan

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 241.00, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111634 Starter

Replacing: s114-252; s114-252a; -c; -e; -f; m2t52271

Servicing: ; Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 203.00, **No. of mount. holes** 2 (0), **A.** 69.90, **B.** 12.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111696 Starter

Replacing: m1t70281; -3; m1t70283zc; m1t75281; -3; 31100-64b10; -2; 31100-86030; -2; -d2; M1T70281ZC

Servicing: Suzuki; Geo; Chevrolet

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 115.00, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 3.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111698 Starter

Replacing: 0001107015; -44; b001110042; 9000794; -817; 96208783; m0t86781; 1202138; -44; 90444193; 90458462; 90

Servicing: Opel; Man; Daewoo; Vauxhall; Saab

V. 12, **kW.** 1.1, **B+ / B-** M8, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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111703 Starter

Replacing: m2t63371; 20513022

Servicing: Ford; Perkins

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 250.00, **No. of mount. holes** 2 (0), **A.** 73.80, **B.** 19.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



111728 Starter

Replacing: m2t23685; m2t25481; 23300-0c010; 23300-m8111; m3t27881; 23300-m8110; 23300-8310; 111462

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 228.50, **No. of mount. holes** 2 (0), **B.** 15.00, **No. of teeth** 21, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111730 Starter

Replacing: f7ru11000aa; m0t80381; FP13-18-400; FP34-18-400A; les0169

Servicing: Mazda; Peugeot

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 3 (2), **A.** 73.90, **B.** 13.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111849 Starter

Replacing: 96275481; m0t81981; 31100-75f10; 31100-70b20; 96569440; 96518887; 10455503; tm000a23501; tm000a35301

Servicing: Suzuki; Daewoo; Chevrolet

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 184.50, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 6.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111912 Starter

Replacing: m2t84071; m2t87071; -971; md312857; -8; md344182; 20513019

Servicing: Mitsubishi; Proton; Hyundai

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 238.20, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 2.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111913 Starter

Replacing: m2t65271; -2; m3t54072; m5t27671; 34466-20102; m3t54071; m2t65275; 20513017; 34466-03101

Servicing: Mitsubishi

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 250.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 22.75, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Oil sealed.



111970 Starter

Replacing: BPD4-18-400A; m0t80081; BPD4-18-400

Servicing: Mazda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 196.70, **No. of mount. holes** 3 (2), **A.** 74.00, **B.** 14.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111971 Starter

Replacing: m0t81281; -3; -4; md332022; md356104; md360368; m332022d; m0t80581; md301351; 20513027; M0T30771; le

Servicing: Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 195.00, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 10.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111994 Starter

Replacing: 0001116003; m2t13081; 9626261480; 11.131.764; d7e7

Servicing: Citroen; Peugeot

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 3 (1), **A.** 62.00, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112053 Starter

Replacing: 0001218157; 0001223001; m2t80582; m2t84771; 9625382480; 0001218757; 5802H5; D7R57

Servicing: Peugeot; Citroen

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.50, **No. of mount. holes** 3 (3), **A.** 74.00, **B.** -6.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112103 Starter

Replacing: m2t87671; 7700313447

Servicing: Renault; Opel; Vauxhall

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.55, **No. of mount. holes** 3 (0), **A.** 72.00, **B.** 0.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112177 Starter

Replacing: m1t66081; M2T58971; sba185086650; -551

Servicing: Ford; New Holland

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 213.00, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 20.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112178 Starter

Replacing: m2t50271; -81; -85

Servicing: Pel Job; Vetus; Komatsu; Mitsubishi; Toro

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 228.50, **No. of mount. holes** 2 (0), **A.** 77.00, **B.** 17.00, **No. of teeth** 15, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



112185 Starter

Replacing: m2t53681

Servicing: Ldv International; Pel Job; Vetus; Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 220.00, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 18.00, **No. of teeth** 15, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112215 Starter

Replacing: m3t48181; B61R-18-400; B61R-18-400A

Servicing: Mazda

V. 12, **kW.** 0.95, **B+ / B-** M8, **L.** 202.00, **No. of mount. holes** 3 (2), **A.** 74.00, **B.** 15.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112227 Starter

Replacing: d13hp709; m9t80271; d13hp613; 5010306000; 19024186

Servicing: Renault V.i.

V. 24, **kW.** 8.0, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112267 Starter

Replacing: 0001367079; lns2800; 3909913; 10461285; 10465026; -43; -211; -365; 10479621; -4; 1113276; -92; -593;

Servicing: Ford; Cummins; Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 10, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112275 Starter

Replacing: f4pu11000aa; f4tz11002b; sa-819; m8t50171; sa819

Servicing: Ford

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 287.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 41.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112276 Starter

Replacing: f4tz11002a; f5tu11000aa; sa-817; m8t50071; 228000-8420; sa817; M8T50072; f5tu11002a; f5tu11000ab; -d

Servicing: Ford

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 288.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 34.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



112295 Starter

Replacing: 0001110003; -26; -89; -95; -114; b001117311; 11.130.646; aze2522; md329260; d10e85; -92; d10e921; d7

Servicing: Renault; Volvo; Mitsubishi; Porsche

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -0.50, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112300 Starter

Replacing: m0t85681; m1t76481; m1t79581; 31100-77e10; -20; -22; 6840; m0t85881; 31100-65da0; 31100-67D10; 11358

Servicing: Suzuki; Chevrolet

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (2), **A.** 65.80, **B.** 4.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



112301 Starter

Replacing: 56027904; 56041013; m1t79481; -2; 4796981

Servicing: Jeep; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.50, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 18.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112323 Starter

Replacing: m3t56181; -74; -2; -3; 34766-20900; 34766-10903; m3t56172

Servicing: Caterpillar; Mitsubishi

V. 24, **kW.** 5.0, **B+ / B-** M8, **L.** 292.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 23.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112342 Starter

Replacing: 36100-83010; m3t95071; -2; -3; -81; -82; m4t55076; me057200; -350; -845; -985; -990; m4t55077; mg255

Servicing: Hyundai; Mitsubishi

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 368.00, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 68.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



112368 Starter

Replacing: m0t60081; m0t60081a; 23300-1s710; -1; m0t60082; 23300-1s770; -1; -2

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112370 Starter

Replacing: m8t75071; m8t75071a; me201650; me204424; m8t75073a; ME204425; m8t75073

Servicing: Mitsubishi

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 240.50, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 8.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112580 Starter

Replacing: m1t74781; m1t74781a; m1t74785; 23300-60u11; -0; -2

Servicing: Infiniti; Yanmar

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 248.00, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 40.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112844 Starter

Replacing: S114-754A; s114-754; m1t73881zc; m1t73881; 23300-1e410; 23300-4e100; 23300-1e400

Servicing: Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 206.70, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 28.60, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112845 Starter

Replacing: m1t77777; m1t77777zc; m1t77781; m1t77781zc; 4609011

Servicing: Chrysler; Dodge; Eagle; Plymouth

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 3 (3), **A.** 82.00, **B.** 8.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112846 Starter

Replacing: 4609058; m1t78581; m1t78581zc

Servicing: Dodge; Chrysler

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 3 (0), **A.** 81.90, **B.** 7.70, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112982 Starter

Replacing: s114-306; -9; -605; -607; s114-607a; -b; -c; 23300-17c00; -5; 23300-18c00; -1; -2; -3; m3t38482; -3

Servicing: Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 190.50, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 7.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112984 Starter

Replacing: m3t26685; 23300-37a10; s114-441; s114-441a; -11b; 23300-37a00; -1; s114-441b

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 2 (0), **No. of teeth** 21, 25, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet



113036 Starter

Replacing: m3t36081

Servicing: Mazda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 238.30, **No. of mount. holes** 2 (1), **A.** 67.00, **B.** 44.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113037 Starter

Replacing: m3t70381; -2; 23300-1s715; -6

Servicing: Nissan

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 189.70, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 7.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113038 Starter

Replacing: m2t44781; md301350

Servicing: Mitsubishi; Subaru

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 11.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113039 Starter

Replacing: 5213301; m3t10081; -881

Servicing: Dodge; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 82.30, **B.** 12.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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113040 Starter

Replacing: m3t44081; md301348; m3t44081zt; md301348g; m3t44181; md321445; 458522

Servicing: Mitsubishi

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 190.50, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 10.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113041 Starter

Replacing: m2t25281; -2; 23300-30p15; -6; -7

Servicing: Infiniti; Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 241.30, **No. of mount. holes** 2 (0), **B.** 14.00, **No. of teeth** 20, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113042 Starter

Replacing: 31200-py3-024; -04; -a01; mhg001; -5; m2t80081; -681

Servicing: Honda; Acura

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 274.25, **No. of mount. holes** 2 (1), **A.** 70.00, **B.** 50.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113043 Starter

Replacing: 5234361; m1t74481; -2; M1T73581; 4609001

Servicing: Dodge; Eagle

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 3 (3), **A.** 82.00, **B.** 3.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113044 Starter

Replacing: m1t76081; 56004934; m1t76081zc; -2zc; m1t76082

Servicing: Jeep

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 215.10, **No. of mount. holes** 2 (0), **A.** 71.80, **B.** 23.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113045 Starter

Replacing: 23300-0w010; m0t60181; m0t60181a; 23300-0w011

Servicing: Infiniti; Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 193.00, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 16.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113046 Starter

Replacing: m0t80784; -3; md351508; md363633

Servicing: Mitsubishi; Dodge; Chrysler

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 193.30, **No. of mount. holes** 2 (2), **A.** 70.00, **B.** 10.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113047 Starter

Replacing: m0t83381; 56041013ac

Servicing: Jeep; Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 2 (1), **A.** 71.70, **B.** 8.65, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113128 Starter

Replacing: mea10-7; mea10-07; 191-1052; m3t10977; 191-1682-03; 191-1808-03; 191-1949-03

Servicing: Onan

V. 12, **kW.** 5.0, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 68.85, **B.** 37.60, **No. of teeth** 9, 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113129 Starter

Replacing: m4t50073; me037330; m3t56071; -2; me037465; -636; me067611; me037150; m6t10673; m3t56082; me077407;

Servicing: Mitsubishi

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 290.00, **No. of mount. holes** 2 (1), **A.** 110.00, **B.** 64.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113135 Starter

Replacing: N318-18-400A; -B; N318-18-400; m1t70881; m1t70881a

Servicing: Mazda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 2 (0), **A.** 66.90, **B.** 45.50, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113136 Starter

Replacing: M1T64285; F4XA11000BA; -b; F4XY11002A; F5XY11002A; sa-816; -20; 23300-0b711; sa816; -20; m1t68081; m

Servicing: Nissan; Mercury

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 59.90, **B.** 56.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113137 Starter

Replacing: f32z11002b; n3a1-18-400; m1t77581

Servicing: Mazda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 2 (0), **A.** 66.90, **B.** 46.50, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113138 Starter

Replacing: bpe9-18-400; m1t78181

Servicing: Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 3 (2), **A.** 73.90, **B.** 15.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



113139 Starter

Replacing: m0t80281a; m0t80281zc; m0t80281; m0t80281ac; 23300-1m211

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 69.90, **B.** 41.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113140 Starter

Replacing: me001565; m2t61771; m5t23871; m2t57871; m2t56871; m5t22072

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 249.50, **No. of mount. holes** 2 (0), **A.** 60.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113141 Starter

Replacing: 191-1682-04; 191-1804-04; 191-1808-04; m2t32581; 191-1808-06; m2t43681; -881; 191-1949-06; -8; m2t43

Servicing: Mitsubishi; New Holland; Onan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 73.90, **B.** 29.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113193 Starter

Replacing: m2t63271; me200206

Servicing: Plymouth; Mitsubishi

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 241.00, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 9.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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113194 Starter

Replacing: m2t64271; -2; m3t52071; me017001; -4

Servicing: Mitsubishi; Caterpillar

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 3 (0), **A.** 99.90, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113195 Starter

Replacing: me012995; m8t80071; m8t80071a; les0226

Servicing: Mitsubishi

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 257.00, **No. of mount. holes** 2 (0), **A.** 59.90, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113210 Starter

Replacing: m2t64371; -2; -3; 23300-t9005; -7; -9; s24-01b; -c; -d; s25-125a; -b; s25-302; 23300-t9000; s25-303a

Servicing: Nissan

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 11.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR



113229 Starter

Replacing: m1t78481; md306997

Servicing: Dodge; Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 2 (2), **A.** 72.90, **B.** 17.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR

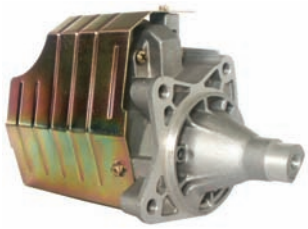


113234 Starter

Replacing: m1t78381; md306998

Servicing: Mitsubishi; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 215.00, **No. of mount. holes** 2 (2), **A.** 72.90, **B.** 9.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



113287 Starter

Replacing: 4609150; m1t78681; m1t78681zc; m1t78691

Servicing: Chrysler; Dodge

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 239.50, **No. of mount. holes** 3 (3), **A.** 81.80, **B.** 8.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113318 Starter

Replacing: m2t87471

Servicing: Mazda; Nissan

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 226.50, **No. of mount. holes** 3 (2), **A.** 87.90, **B.** 6.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113319 Starter

Replacing: m8t71371; m8t75371

Servicing: Nissan

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 233.00, **No. of mount. holes** 2 (0), **A.** 72.40, **B.** 55.50, **No. of teeth** 12, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113323 Starter

Replacing: m8t71471

Servicing: Nissan

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 233.00, **No. of mount. holes** 2 (0), **A.** 69.90, **B.** 54.00, **No. of teeth** 12, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113325 Starter

Replacing: m3t44481

Servicing: Mitsubishi

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 194.50, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 10.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



113445 Starter

Replacing: md314167; m2t87171; m2t87171zt; m2t84171; m2t88071; md315548; md344183; md315547; m2t84571; 113326;

Servicing: Mitsubishi

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 9.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113504 Starter

Replacing: 23300-aa351; m0t81381

Servicing: Subaru

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 220.15, **No. of mount. holes** 2 (0), **A.** 65.00, **B.** 48.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113560 Starter

Replacing: m2t78381; -2; -3; me087589; -90; me088390; m2t78372; me087507; m2t78731

Servicing: Mitsubishi

V. 24, **kW.** 5.0, **B+ / B-** M8, **L.** 268.00, **No. of mount. holes** 2 (0), **A.** 100.00, **B.** 22.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113615 Starter

Replacing: 6716; m1t75981; md178511

Servicing: Dodge; Eagle; Plymouth

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 215.00, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 9.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



113616 Starter

Replacing: m0t82281; 6837; fp50-18-400

Servicing: Mazda

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (1), **A.** 73.90, **B.** 15.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



113618 Starter

Replacing: 56041207ad; m0t91182zc; 56041207ac; m0t91181zc; 56041207; 56041207ab; 6864; m1t84981zc; M1T84981

Servicing: Jeep

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 215.00, **No. of mount. holes** 2 (1), **A.** 64.90, **B.** 5.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113638 Starter

Replacing: 6868; 36100-38050; M60081; tm000a13701; 6872; m1t84883zc; md356178; m356178d; m0t81181; md328235; m1

Servicing: Mitsubishi; Hyundai; Audi; Kia

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 194.50, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 10.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113642 Starter

Replacing: 56041136ab; 6942; m1t86782zc; 56041641ac; -d; m1t86883zc; -4zc

Servicing: Jeep

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 226.00, **No. of mount. holes** 2 (2), **A.** 65.00, **B.** 4.85, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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113644 Starter

Replacing: 0001107092; 0001112017; m2t42881; 23300-41b71; 23300-30s30; -60; 23300-41b70; 23300-94851; 23300-99b

Servicing: Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 189.80, **No. of mount. holes** 2 (1), **A.** 69.90, **B.** 10.60, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113646 Starter

Replacing: m1t84281; 6610; 23300-aa361

Servicing: Subaru

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 221.50, **No. of mount. holes** 2 (0), **A.** 83.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113668 Starter

Replacing: m2t58581; mm115518; -9; m2t58881; 918306; s9463

Servicing: Mitsubishi; Clark

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.50, **No. of mount. holes** 2 (0), **A.** 76.90, **B.** 18.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113672 Starter

Replacing: M9T60471; 5010306592

Servicing: Renault V.i.

V. 24, **kW.** 5.5, **B-** M10, **B+ / B-** M10, **L.** 350.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113673 Starter

Replacing: m9t60371; 5010306533; -910

Servicing: Renault V.i.

V. 24, **kW.** 5.5, **B-** M10, **B+ / B-** M10, **L.** 350.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 39.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



113676 Starter

Replacing: M9T60671; 5010306777; M9T60672

Servicing: Mercedes-Benz; Renault V.i.

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 350.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 39.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

w/ Safety Relay



113702 Starter

Replacing: 228000-6481; m2t87271; M2T87271ZT; 228000-4830; -1; 228000-6482; f8ru11000aa; WL01-18-400; WL02-18-4

Servicing: Mazda; Ford

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 3 (3), **A.** 81.40, **B.** 16.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113746 Starter

Replacing: m9t60171; me152487

Servicing: Mitsubishi; Honda

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 318.00, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 68.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113753 Starter

Replacing: 0001112025; m3t32991; 7700858442; 7701352210; 7702082972

Servicing: Renault; Citroen; Hyundai; Kia

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** -1.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

113775 Starter

Replacing: m009t1881zc

Servicing: Chrysler; Dodge

V. 12, **kW.** 1.2, **No. of teeth** 10, **Gear** GR



113795 Starter

Replacing: mot90981

Servicing: Mazda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 22.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

113816 Starter

Replacing: K802-18-400; m2t24181

Servicing: Mazda

V. 12, **kW.** 1.4, **No. of teeth** 20, **Rotation** ACR, **Gear** GR

113817 Starter

Replacing: M3T26785; 23300-F6610

Servicing: Infiniti

V. 12, **kW.** 1.4, **No. of teeth** 20, **Rotation** ACR, **Gear** GR

113818 Starter

Replacing: M0T35171

Servicing: Mitsubishi

V. 12, **kW.** 1.3, **No. of teeth** 8

113819 Starter

Replacing: L327-18-400; M0T87681; -01

Servicing: Mazda

V. 12, **kW.** 1.4, **No. of teeth** 11, **Gear** GR

113820 Starter

Replacing: m0t91981

Servicing: Jeep

V. 12, **kW.** 1.2, **No. of teeth** 10, **Gear** GR



113830 Starter

Replacing: M9T61171; 20430564; 85000087

Servicing: Volvo

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 350.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113851 Starter

Replacing: M9T80472; 19011501

Servicing: Mercedes-Benz

V. 24, **kW.** 6.2, **B-** M6, **B+ / B-** M12, **L.** 348.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.70, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry

Miscellaneous



113669 Starter

Replacing: m8t60071; me077796

Servicing: Caterpillar

V. 24, **kW.** 5.0, **B+ / B-** M8, **L.** 287.80, **No. of mount. holes** 2 (0), **A.** 109.70, **B.** 66.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.



111012 Starter

Replacing: 41-098-04; -6; 9al3921g; sm47330; SM56666; 4109806; 4733040-mo30sm; 5666640-mo30sm; 5666640mo30sm; 4

Servicing: Massey Ferguson; Kohler

V. 12, **kW.** 0.5, **B+ / B-** M8, **L.** 201.00, **No. of mount. holes** 0 (0), **B.** 39.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110412 Starter

Replacing: s13-06a; s13-27; -8; s13-33a; -b; 5811000800; -1; 5811001111; -2; -331; 8941365070; 0-21000-4230; -1

Servicing: Isuzu; John Deere; Tcm

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 233.80, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 20.30, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110555 Starter

Replacing: 600-813-4680; 0-23000-3180; -50; -52; -4; -5; 600-813-4530; 0-23000-3186; -51; -53; 600-813-4531; -2

Servicing: Komatsu

V. 24, **kW.** 7.5, **B+ / B-** M10 - 1.25, **L.** 413.00, , **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR

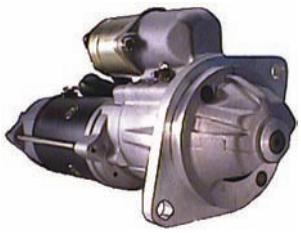


110556 Starter

Replacing: 600-813-3660; 0-23000-3160; -70; 0-23000-6510; -3; -90; 0-23000-7910; 600-813-3661; -2; 600-813-4650

Servicing: Mercedes-Benz; Komatsu

V. 24, **kW.** 7.5, **B+ / B-** M10, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 53.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



110557 Starter

Replacing: 600-813-3142; -3; 0-23000-0150; -270; -271; -272; -278; -727

Servicing: Komatsu

V. 24, **kW.** 2.8, **B+ / B-** M8, **L.** 336.50, **No. of mount. holes** 2 (0), **A.** 105.00, **B.** 14.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110558 Starter

Replacing: 600-813-2650; 0-21000-2660; 0-21000-3410; -1

Servicing: Komatsu

V. 24, **kW.** 7.5, **B+ / B-** M8, **L.** 459.50, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 53.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** DD



110560 Starter

Replacing: 600-813-2394; 0-21000-4132; -850; -851

Servicing: Komatsu

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 381.50, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 53.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110568 Starter

Replacing: 600-813-1721; 0-23000-0130; -260; -261; -262; 600-813-1720

Servicing: Komatsu

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 315.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110580 Starter

Replacing: s25-103; 1811001410; -891; 5811000180; -252; 5811001180; 028000-6200; 0-21000-3291; -600; -650; -660

Servicing: Isuzu

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 358.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110590 Starter

Replacing: Ins2830; 10465049; -50; 1107514; -39; -872; 1109192; -253; -261; -263; 1113281; -2; 1998330; -5; -42

Servicing: Perkins; Bobcat

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 27MT, 28MT. Oil sealed.



110602 Starter

Replacing: Ins2820; 10465058; 10479613; 1107588; 1108692; 1113273; 1998339; oms123; 110326; 111038; 0-23000-184

Servicing: Perkins; Bobcat; Clark

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 28MT. Oil sealed.



110604 Starter

Replacing: 10465047; -8; 1107567; 1109272; 1113279; -80; 1998334; -8; -78; -94; -409; 35259650; -80; 110570; 0-

Servicing: Allis Chalmers; Carrier Transicold; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 46.45, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 27MT, 28MT. Oil sealed.



110652 Starter

Replacing: 1113517; -78; -79; 50-30842; -955; 50-31976; 50-37274; 50-45822; -82; 50-48405; -643; 50-52682; 50-5

Servicing: Mercury

V. 12, **B+ / B-** 1/4" UNC, **L.** 283.00, **No. of mount. holes** 2 (2), **A.** 53.80, **B.** 47.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110656 Starter

Replacing: 600-813-3320; 0-23000-1290; -2; -410; -550; -750; -752; 0-23000-2560; -1

Servicing: Komatsu

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 368.00, **No. of mount. holes** 2 (0), **A.** 104.90, **B.** 13.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111019 Starter

Replacing: 600-813-3560; 0-23000-6340; -1; -2; -3

Servicing: Komatsu

V. 24, **kW.** 7.5, **B+ / B-** M10, **L.** 408.00, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 53.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



111020 Starter

Replacing: 600-813-3630; 600-813-4670; 0-23000-6530; -1; -2; -3; 0-23000-7020; -1; -2; 0-23000-8300; 600-813-36

Servicing: Komatsu

V. 24, **kW.** 7.5, **B+ / B-** M10, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111041 Starter

Replacing: Ins2810; 10465045; -6; -406; 1107580; 1109550; 1113275; -8; 1998336; -83; -87; -481; 0-23000-1830; -

Servicing: Fiat-Allis; Hyster; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 46.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 27MT, 28MT.



111050 Starter

Replacing: 600-813-3390; 600-813-4120; 0-23000-1230; -1; -70; 0-23000-2570

Servicing: Komatsu

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 370.00, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 52.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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111212 Starter

Replacing: 600-813-3111; 0-23000-0040; -1; -2; -50; -51; -52; -60; 600-813-4410; 600-813-3121; -2; 600-813-4000

Servicing: Komatsu

V. 24, **kW.** 2.8, **B+ / B-** M8, **L.** 327.90, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111221 Starter

Replacing: 1107577; -99; -863; -871; 1109251; 1113271; re509658; 35259580; 0-23000-2060

Servicing: John Deere; Bobcat; Clark

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 322.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 33.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.



111222 Starter

Replacing: 1109540; 1113288; 1998389; 0-23000-2000; 110470

Servicing: Clark

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 336.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 19.80, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



111254 Starter

Replacing: 8970298630; 0-23000-1260; -310; -700; 0-23000-2100; -1; -201; -541; 8970298631; -2; -5; -7; 89712986

Servicing: John Deere

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 332.25, **No. of mount. holes** 2 (0), **A.** 94.85, **B.** 19.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111393 Starter

Replacing: 8943665251; 0-21000-3433; 0-21000-4934; -5

Servicing: Isuzu

V. 24, **kW.** 3.5, **B+ / B-** M8, **L.** 312.75, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111760 Starter

Replacing: 10461465; 10479616; 1113277; -91; -594; 1998488; 0-23000-2040; -30; -270; 110954; 111257; 323-911; 3

Servicing: Case; Cummins

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 43.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 27MT, 28MT. Oil sealed.



111982 Starter

Replacing: 0001231002; drx67095; -149; 10479626; 0041516201; 0041518401; 0051512001; -201; 10461470; A004151620

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 317.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 49.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112253 Starter

Replacing: 10465151; -314; 10479615; -8; -25; f3ht11001dc; f3hz11001b; -2b; f4ht11001ba; f7ht11001fa; -2fh; 450

Servicing: Ford; Ingersoll Rand

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 45.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.



112267 Starter

Replacing: 0001367079; Ins2800; 3909913; 10461285; 10465026; -43; -211; -365; 10479621; -4; 1113276; -92; -593;

Servicing: Ford; Cummins; Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 10, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112268 Starter

Replacing: 10461463; 10465044; 1107540; 1113274; -90; -597; 1998340; -50; -57; -73; -468; -484; 10479607; 11125

Servicing: New Holland; Massey Ferguson; Allis Chalmers; Hyster

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 229.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT. Oil sealed.



112269 Starter

Replacing: 10479600; 1998351; 0-23000-2150; 10461459

Servicing: Lister

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 345.00, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112341 Starter

Replacing: 10465013; -4; -53; -54; -130; -168; 1109219; -563; 1113266; -7; -9; -70; -95; -96; -589; -590; 19984

Servicing: Chevrolet; GMC

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 337.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 12.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 27MT, 28MT.



112505 Starter

Replacing: 0-23000-7731

V. 24, **kW.** 11.0, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 43.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR

Waterproof.



112649 Starter

Replacing: 1-81100191-1; 1-81100253-0; 0-23000-1070; -1; 0-23000-2340; -1; 1811001910; 1811002531; 0-23000-1073

Servicing: Isuzu

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 348.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 39.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

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112653 Starter

Replacing: 10461460; 10479604; 0-23000-1990

Servicing: ; Clark

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.20, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112668 Starter

Replacing: 1113284; 10461483; 0-23000-2070; 1113248

Servicing: Hough; Komatsu

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 338.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



113385 Starter

Replacing: 0-23000-0240; -030; -031; -032; -1; 8-94255439-2; 8-94363428-0; 8-94446770-0

Servicing: Komatsu

V. 24, **kW.** 3.5, **B+ / B-** Plug, **L.** 315.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113435 Starter

Replacing: 10479611; 0-23000-1940; 323-408; 10461453; 10465015; 1113591

Servicing: Hummer; Various

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 336.50, **No. of mount. holes** 2 (0), **A.** 82.00, **B.** 7.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



113452 Starter

Replacing: 10461466; 3918376; 3604654; 10479617; 0-23000-2260

Servicing: Agco White

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 45.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



113499 Starter

Replacing: 0-23000-3292; -0; -1; 600-813-6411

Servicing: Komatsu

V. 24, **kW.** 7.5, **B+ / B-** Plug, **L.** 412.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



110389 Starter

Replacing: R201-18-400; R201-18-400B; RF01-18-400; RFL1-18-400; mg122404; m2t92071; m2t92071a; 128000-0040; 228

Servicing: Mazda; Suzuki; Ford; Asia Motors; Kia

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 3 (2), **A.** 88.00, **B.** 6.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111065 Starter

Replacing: 0001218006; -21; -108; -165; b001233121; -72; -261; 0031512901; 0031519801; 0041513501; 0041515601;

Servicing: Mercedes-Benz; Ssangyong; Daewoo

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 276.00, **No. of mount. holes** 2 (2), **A.** 82.30, **B.** 26.50, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111683 Starter

Replacing: 5811001660; -1; -2; -3; -830; -860; 8944489590; -1; 8971353432; 028000-7000; -1; -2; -3; -790; -791;

Servicing: Isuzu; Opel; Iseki; Tcm; Chevrolet; GMC

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 232.50, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 19.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112344 Starter

Replacing: 65.26201-7050; 65262017050; 03111-5021; -0

Servicing: Daewoo

V. 12, **kW.** 2.5, **B+ / B-** M12, **L.** 298.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 41.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



112502 Starter

Replacing: 65.26201-7044; 03112-7021; 65262017044

Servicing: Daewoo

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 293.50, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 42.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113327 Starter

Replacing: 03111-4140; OK55218400; OK55218400A

Servicing: Kia

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 3 (2), **A.** 63.80, **B.** 4.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113329 Starter

Replacing: 03101-3170; 36100-27000

Servicing: Hyundai; Kia

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 223.00, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

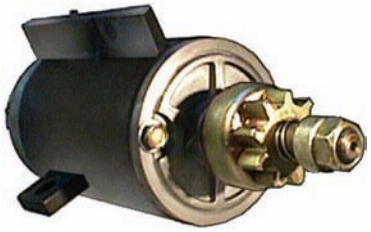


110155 Starter

Replacing: s114-91; s114-91k; m3t11272; me-y1r; mea13-1; mey1r; -3r; 23300-15800; -5; -10; -15; 23300-a3200; 23

Servicing: Nissan; Hyundai; Komatsu; Tcm

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 191.00, **No. of mount. holes** 2 (0), **A.** 83.00, **B.** 7.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110240 Starter

Replacing: 383691; 386657; -71; 391735; 585050; -8; -197; 586281; mgd4106; -10; -15; poa4001; -2; 0261027-m030s

Servicing: Johnson

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 1 (0), **A.** 63.40, **B.** 44.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110245 Starter

Replacing: 155-016-3011; 028000-8430; -1; -2; 128000-6841; 15501-63011; -0; -2; -4; 20513040; 028000-8434; 1280

Servicing: Skoda; Kubota

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 196.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110279 Starter

Replacing: 0001112018; s114-315; -6; -64; -402; -568; m2t23181; m2t27781; m2t37081; m3t27781; m3t27781d; m3t370

Servicing: VW; Nissan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 227.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 40.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110363 Starter

Replacing: 0001211012; -3; -4; -992; -993; -997; -998; 9000042021; -7; -34; 9000082009; 9007042024; r007042024;

Servicing: VW; Porsche; BMW

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110394 Starter

Replacing: 0001112032; 9000333121; m1t72481; m1t72481zc; m1t72483; m1t72483zc; m1t74581; m3t34781; -2; m3t38981

Servicing: Suzuki; Geo; Chevrolet

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (0), **A.** 65.85, **B.** 4.35, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110402 Starter

Replacing: 028000-3730; 028000-6510; -1; 028000-8730; 028000-9090; -1; 128000-1861; -2; -3; 128000-3641; 128000

Servicing: Suzuki; Bedford

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 2 (0), **A.** 65.00, **B.** 26.00, **No. of teeth** 8, 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



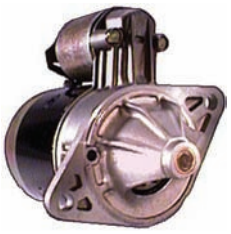
110410 Starter

Replacing: 0001211223; -4; -55; -56; 9000692015; r80.03; r80g; 11.130.334; azf3527; 25349; -50; -51; 26604; -6;

Servicing: VW; Austin; Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 34.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110417 Starter

Replacing: s114-235; s114-235a; s114-625; 121450-77010; 124395-77010; S114-231B; 20513025

Servicing: Yanmar

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (0), **A.** 89.00, **B.** 17.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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110439 Starter

Replacing: 0001362008; 9000143400; 6127; -232; s12-85; -7; 10.130.141; 11.130.074; -194; -408; -711; azj0404; a

Servicing: Massey Ferguson; Buhrer; Compair; Eicher

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 309.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

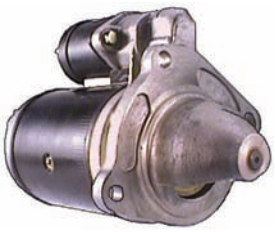


110440 Starter

Replacing: 26256; -9; -321; 26925198d; 27446; -68; nsb409; -511; 26259a; -k; -l; -n; 26321a; -b; -d; -f; 27446a

Servicing: Land Rover

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 19.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110441 Starter

Replacing: 26925200a; 27425; -60; nsb512; 27425a; -b; -60a; -60b; 110441; LES0033; 25024044a

Servicing: Land Rover

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110443 Starter

Replacing: s12-84; 26148; -96; -283; -375; -418; -422; 26925194d; 27417; -35; -67; -72; -78; -86; nsb503; 1873a

Servicing: Rover; Massey Ferguson; Balkancar; Dronningborg; Matbro

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110462 Starter

Replacing: 0001362067; 538501; 71yb11000aa; 11.130.579; -624; azj3182; -98; 26137; -47; -211; -213; -291; -316;

Servicing: Ford; New Holland; Buhrer; Matbro

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 319.45, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110464 Starter

Replacing: 26153; -66; -286; 27419; -65; nsb515; 2873126; -53; 2873a016; -105; 202-34960; 272-905; lrs138; 2747

Servicing: Lancer Boss; Carbodies; Daf

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 336.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110494 Starter

Replacing: s13-84; s13-84b; 5811000860; 8941492490; 028000-5050; -60; 45-1229; -85; 128170-77201; oms132; 11093

Servicing: Thermo King

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (2), **A.** 95.00, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110524 Starter

Replacing: 0001360022; -34; -37; -52; -65; 0001368022; -4; -55; -62; -300; -307; -309; 9000083065; 9000143601;

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110529 Starter

Replacing: 0001359021; -102; 0001367023; -8; 2998200; 19024230; 11370; r11.07; r11w; 4172113; 4699705; 4702248;

Servicing: Fiat; Fiat-Allis; Agrifull; Benfra; Iveco

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110545 Starter

Replacing: 0001359047; -124; 0001367032; r11.01; -6; -10; r11a; -f; -n; 11.130.179; -376; -414; azj3119; -234;

Servicing: Zetor; Valmet; Chang Feng (liebao); Balkancar; Dronningborg; Sampo-rosenlew; Ursus

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 335.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110565 Starter

Replacing: 19024817; 538502; -5; s12-73; s13-73; s13-73b; s13-74; 11.130.076; -200; -373; -386; -411; -419; -50

Servicing: Massey Ferguson; Eicher

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 313.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110572 Starter

Replacing: m1t79681; -781; m2t58681; md171228; md318086; md320618; 20513026

Servicing: Mitsubishi; Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.75, **No. of mount. holes** 2 (0), **A.** 76.95, **B.** 17.30, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110585 Starter

Replacing: 0001208515; -7; -26; -28; -717; 9000333117; 534029; -31; -42; -43; -57; 11.130.208; -346; -582; -790

Servicing: Renault; Volvo

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.15, **No. of mount. holes** 4 (4), **A.** 66.00, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110587 Starter

Replacing: 0001208516; -707; 9150747780; -880; 9150864480; -580; 95508644; 95607229; 534039; 8293; -4; 11.130.2

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 3 (3), **A.** 66.05, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



110602 Starter

Replacing: Ins2820; 10465058; 10479613; 1107588; 1108692; 1113273; 1998339; oms123; 110326; 111038; 0-23000-184

Servicing: Perkins; Bobcat; Clark

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 28MT. Oil sealed.



110604 Starter

Replacing: 10465047; -8; 1107567; 1109272; 1113279; -80; 1998334; -8; -78; -94; -409; 35259650; -80; 110570; 0-

Servicing: Allis Chalmers; Carrier Transicold; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 46.45, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 27MT, 28MT. Oil sealed.



110615 Starter

Replacing: 11.130.526; azj3151; 26294; -357; 26357r; 26925316a; 27518; -20; -24; -70; -85; -88; -92; -96; nsb52

Servicing: Massey Ferguson; Allis Chalmers; Agco Allis; Agco White; Jcb; Perkins; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 312.25, **No. of mount. holes** 3 (0), **A.** 88.60, **B.** 28.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110627 Starter

Replacing: r39341; 028000-5880; -1; -2; -3; -4; 35259620

Servicing: Case; Ford

V. 12, **kW.** 2.5, **B+ / B-** M8, **L.** 291.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.60, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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110636 Starter

Replacing: 480955; 616955; 50-616955-1; mgl4002; -13; -14; mkw4005; sm44120; 50-819085; 4412040M030SM; 5273440M

Servicing: Chrysler

V. 12, **kW.** 0.6, **B+ / B-** 1/4" UNC, **L.** 262.00, **No. of mount. holes** 2 (2), **A.** 63.30, **B.** 64.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110638 Starter

Replacing: 1113519; 191-0687; mdw4104m; mdw4304; sm44119; 57-5955

Servicing: Force; Chrysler

V. 12, **B+ / B-** M6, **L.** 246.75, **No. of mount. holes** 0 (0), **A.** 76.35, **B.** 45.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110644 Starter

Replacing: 385529; 386465; 389380; -954; 391554; 393988; 582048; -155; 585196; mgl4109; mkw4001; poc4001; 01399

Servicing: Johnson

V. 12, **kW.** 0.6, **B+ / B-** 1/4" UNC, **L.** 228.00, **No. of mount. holes** 2 (0), **A.** 63.00, **B.** 44.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110645 Starter

Replacing: 387094; 395207; 711d1130c; mjl4005; 4786240-m030sm; sm08142; sm47862; 585062; 586288; 4786240MO30SM;

Servicing: Johnson

V. 12, **kW.** 0.9, **B+ / B-** 1/4" UNC, **L.** 253.00, **No. of mount. holes** 1 (0), **A.** 63.50, **B.** 43.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110646 Starter

Replacing: 383575; 384194; -914; mgl4008; -108

Servicing: ; Johnson; Evinrude

V. 12, **B+ / B-** M6, **L.** 228.00, **O1** 71.50, **No. of mount. holes** 2 (0), **A.** 63.40, **B.** 45.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110647 Starter

Replacing: 384163; 387684; 389275; 583482; 585056; -63; 586279; mcd4007; mgd4007; mgd4007a; mgd4013; -113; mkw4

Servicing: Johnson; Evinrude

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 208.00, **O1** 71.40, **No. of mount. holes** 3 (0), **A.** 63.30, **B.** 44.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD, **Clutch type** Dry



110648 Starter

Replacing: 50-57485; 50-60315; 50-65436; 50-66015; mgd4108; mgd4108a; mgl4001b; 0144620-m030sm; 0996220-m030sm;

Servicing: Mercury; Mariner

V. 12, **kW.** 0.7, **B+ / B-** 1/4" UNC, **L.** 263.00, **No. of mount. holes** 1 (0), **A.** 54.80, **B.** 48.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110649 Starter

Replacing: 50-57465; -867; 50-72467; mgl4012; mjl4002; mjl4002a; 1065221-m030sm; 1065240-m030sm; 1147840-m030sm

Servicing: Mercury

V. 12, **kW.** 0.8, **B+ / B-** M6, **L.** 290.00, **No. of mount. holes** 1 (0), **A.** 54.80, **B.** 45.30, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110652 Starter

Replacing: 1113517; -78; -79; 50-30842; -955; 50-31976; 50-37274; 50-45822; -82; 50-48405; -643; 50-52682; 50-5

Servicing: Mercury

V. 12, **B+ / B-** 1/4" UNC, **L.** 283.00, **O1** 83.50, **No. of mount. holes** 2 (2), **A.** 53.80, **B.** 47.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD

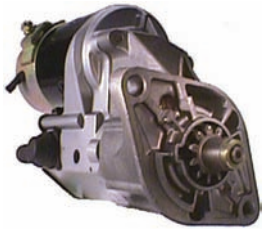


110655 Starter

Replacing: 1113521; mdw4001m; mdw4101m; -3m; mgd4001m

Servicing: Johnson; Evinrude

V. 12, **kW.** 0.9, **B+ / B-** M6, **L.** 198.00, **No. of mount. holes** 2 (2), **A.** 76.00, **B.** 30.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110708 Starter

Replacing: 028000-5581; 028000-6870; -80; -90; -91; -92; -93; -910; 028000-7660; 028000-8070; -1; -2; 128000-05

Servicing: VW; Toyota

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.50, **No. of mount. holes** 2 (1), **A.** 82.45, **B.** 15.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110721 Starter

Replacing: 851062; 858441; ms1/100; ms1a/12; ms1/400a; MS1-400A

Servicing: Erf; Foden; Ldv International

V. 24, **kW.** 7.1, **B+ / B-** M12, **L.** 483.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.55, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110793 Starter

Replacing: 0001208211; 533002; 6189; -90; -212; moc12-2; 11.130.245; -375; azf3518; -43; d8e104; -22; -24; d8e7

Servicing: Peugeot; Fiat; Citroen

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 220.50, **No. of mount. holes** 2 (2), **A.** 66.00, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110807 Starter

Replacing: s114-550; s114-550a; kk0218400; kk37018400a; kk40118400; kky0218400; ky0218400; mb30118400c; hsc1081

Servicing: Mazda; Opel; Kia; Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 197.25, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 20.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110817 Starter

Replacing: 26285; -310; 27424; -7; 26285a; -e; -f; 26310a; -d; -e; -h; 27424a; -b; -7a; -7e; 20500120; LES0003;

Servicing: Daf

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 315.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110818 Starter

Replacing: 0001362060; 11.130.630; -972; azj3204; -347; 26071; -133; -167; -173; -278; -917; 27413; -23; -63; n

Servicing: Case; Fiat-Allis; Massey Ferguson

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 24.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110820 Starter

Replacing: s12-89; s13-289; s13-89; s13-89a; -b; -c; -d; 8941475492; 8944299772; 8971185420; 45-1263; -671; S13

Servicing: Thermo King

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 18.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110858 Starter

Replacing: 0001211221; -2; 9000692062; 091911023; 091911023x; 66925143

Servicing: VW

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 44.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110864 Starter

Replacing: 0001212206; -7; 9000692051; 055911023a; 66925137

Servicing: VW

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 229.70, **No. of mount. holes** 3 (0), **A.** 82.45, **B.** 13.15, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



110934 Starter

Replacing: 128000-0570; 128000-2280; meo005a; 45-1170

Servicing: Thermo King; Carrier Transicold

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 2 (1), **A.** 82.45, **B.** 22.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110947 Starter

Replacing: m2t56271; -2; m3t61171; m8t70471a; mm409411; -3; 807950; 911410; 20513021; m8t70471

Servicing: Mitsubishi

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 238.50, **No. of mount. holes** 2 (0), **A.** 77.00, **B.** 31.00, **No. of teeth** 13, 15, **Rotation** CR, **Drive type** Steel, **Gear** GR



110999 Starter

Replacing: 0001420001; -3; -4; -5; -9; -13; 0r5207; -70; 25900; 2p2501; 2s0900; 2s900; 3p0006; -7; -110; 3p3006

Servicing: Volvo; Peterbilt Trucks; Fiat-Allis; Case; Various; Caterpillar

V. 24, **kW.** 7.5, **B+ / B-** M12, **L.** 499.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.50, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 42MT. Oil sealed.



111011 Starter

Replacing: m2t56071; -2; 191-1394; -888; -959; oms133

Servicing: Lamborghini; Onan

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 34.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111021 Starter

Replacing: 16611-63012; -3; 19269-63011; -2; -3; 128000-0050; 128000-9050; -1; 228000-0990; -1; 228000-1530; -1

Servicing: Kubota

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 209.50, **No. of mount. holes** 2 (0), **A.** 65.95, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111025 Starter

Replacing: 0001211536; 19024838; 534053; r80k; 46231510; 5999906; 7612952; 7621040; 76221040; 77305430; 11.130.

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 3 (2), **A.** 64.25, **B.** 11.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111043 Starter

Replacing: 277432; 278024; -232; 378674; 379091; -818; 380139; -238; -239; 381864; 385401; 386591; -7; 392133;

Servicing: Evinrude; Johnson

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 200.50, **A.** 63.30, **B.** 43.50, **No. of teeth** 11, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



111047 Starter

Replacing: 859252; 0001359119; 0001367049; d11e67; 1359119; 1367049; 1542195; 1545417; 3581774; 5001759; AZJ333

Servicing: Volvo; Volvo Penta

V. 12, **kW.** 3.1, **B+ / B-** M8, **L.** 302.75, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.70, **No. of teeth** 9, 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** GR



111056 Starter

Replacing: 0001208224; 155; 3471155; -377; -394; 394; 11.130.352; azf3534; 1202027; -8; -113; -954; 90140179; d

Servicing: Opel; Vauxhall

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 243.50, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111061 Starter

Replacing: 0001211251; -2; -3; -4; 091911023a; -b; 66925378

Servicing: VW; Man

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 230.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 44.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



111080 Starter

Replacing: nsb317; m1t72985; m1t72985a; 66925146

Servicing: Nissan; Infiniti

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 218.50, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 41.75, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111108 Starter

Replacing: m1t60081; -381; 23300-k9160; 23300-w9810; 20513039

Servicing: Mitsubishi; Nissan

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 198.50, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 8.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111117 Starter

Replacing: 46231600; 7716198; 77235430; 25355; 63221533; 63223430; 66925139

Servicing: Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 232.75, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 12.45, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111127 Starter

Replacing: 0001108053; -93; 169; -73; 3471169; -73; 9000700; -51; -56; -58; -72; -85; -91; -802; x16478; 104650

Servicing: Opel; Vauxhall; Pontiac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 183.00, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: PG100.



111136 Starter

Replacing: s114-473; -80; s114-480a; -b; 8943863280; 8944548911; 8944839180; 8971177700; 1202009; -26; -136; 94

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 199.00, **No. of mount. holes** 2 (1), **A.** 77.90, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111214 Starter

Replacing: 443115141310; 443115142350; 9141310; 6u0911023b; 20510110; 9141430

Servicing: Skoda; VW

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 194.75, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 26.45, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111218 Starter

Replacing: im528; 0001402079; 0001414011; 0001416028; 19024028; 6330000; R23.33; 860543; 9125350

Servicing: Volvo Penta

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 388.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.00, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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111219 Starter

Replacing: im335; -553; -623; 0001410050; 0001411010; 0001415021; 0001416053; 0001417023; 19024047; -63; 10800;

Servicing: Volvo Penta

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.40, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111228 Starter

Replacing: 11.130.392; azf3547; 50246532; 63221637; 63222831; 63223001; -31; -33; -35; e80-1.1/12v; 35258510

Servicing: Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 3 (3), **A.** 64.00, **B.** 12.40, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111231 Starter

Replacing: im653; 0001417053; -61; 19024080; 11.139.030; azk5189; d13e107; -10; d13e110te; d13e111; d13e117te;

Servicing: Renault V.i.

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 88.95, **B.** 40.25, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111241 Starter

Replacing: 36100-35010; -50; mg112022; mp112041; m1t71381; -2; m1t71382zc; m1t72581; -3; m1t72583g; m1t79081; m

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.80, **No. of mount. holes** 2 (2), **A.** 72.95, **B.** 17.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111242 Starter

Replacing: 36100-35510; hsp112140; mp112043; m1t73283; m1t78981; md172864; m1t73281; md162843; md309472; md3622

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 2 (2), **A.** 73.00, **B.** 10.25, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111274 Starter

Replacing: s114-481; s114-481a; 8943325860; 8971177690; 8971777690; 1202015; 94332586; 97117769; 20500849; 1202

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 3 (1), **A.** 77.50, **B.** 18.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111300 Starter

Replacing: m2t54085; -91; m2t58981; 185086410; -291; -500; -510; SBA185086410; -500; m2t54083; 20513016; m8t700

Servicing: Ford; Volvo Penta; Bobcat

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 114.55, **No. of mount. holes** 2 (0), **A.** 74.00, **B.** 21.00, **No. of teeth** 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111306 Starter

Replacing: 36100-23000; -50; 36100-33000; tm000a07901; m52100; d6ra79; drra79; 20510204

Servicing: Hyundai; Kia

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.50, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 9.35, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111310 Starter

Replacing: 26925159a; 228000-4640; m0t84781; m2t30381; m2t33781; -5; m2t41381; -881; -885; m2t46081; m3t33585;

Servicing: Suzuki; Subaru; Chevrolet; Geo; Pontiac

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 190.50, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 7.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111401 Starter

Replacing: 128000-1570; -1; -4; 128000-6170; 128000-7280; -1; -2; -3; 228000-0270; 228000-3080; 28100-56220; -1

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 298.00, **No. of mount. holes** 2 (2), **A.** 105.00, **B.** 14.25, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111421 Starter

Replacing: 0001218141; 46231644; 7589005; 75891510; 7726946; 77679430; 63222034; -138; 35260920; 0001218741

Servicing: Fiat; Citroen

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (3), **A.** 81.75, **B.** 26.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111485 Starter

Replacing: m1t60281; -5; m1t60285a; m1t60286; 23300-86g10; -1; -2; 23300-80g10; 20510168

Servicing: Nissan; Ford

V. 12, **kW.** 1.2, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 83.00, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111499 Starter

Replacing: 26379; 27528; 26379a; -f; 20500552; LES0029

Servicing: Case

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 307.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111508 Starter

Replacing: md308088; d6ra76; 20510101; les0227

Servicing: Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 2 (2), **A.** 70.95, **B.** 3.20, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111534 Starter

Replacing: s114-850; s114-850a; -b; 8971333690; -1; -2; 8971502030; 1202033; -161; S114-850C; 97150203; 2050097

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 188.00, **No. of mount. holes** 2 (1), **A.** 77.90, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111573 Starter

Replacing: 26246; -343; -376; 27513; -26; 0001359116; 26343a; -b; -d; -k; 26304; 26304a; -b; -d; 26246a; -l; -m

Servicing: Dennis; Avia; Tcm; Jcb

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 311.00, **No. of mount. holes** 3 (0), **A.** 101.00, **B.** 25.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet



111574 Starter

Replacing: 27564; -95; 27564a; -f; 26025110a; 20500706; LES0035

Servicing: Erf; Ldv International

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 47.15, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111619 Starter

Replacing: 0001110025; -82; 46231601; 5997309; 7580192; 77323430; d7r42; 8111509; 35258420; 9141385; 0001110125

Servicing: Fiat; Seat

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 268.50, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 24.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
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111638 Starter

Replacing: 0001360049; -61; 0001368017; -63; -74; 2998002; 128000-7600; -1; -2; -3; 1676822; 420760; 465604; 46

Servicing: Volvo

V. 24, **kW.** 4.0, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.70, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111640 Starter

Replacing: 0001368081; b001816006; 11.130.537; 81368001; 859538; azj3160; 11.131.143; -77; azj3387; -93; 000136

Servicing: Man

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 28.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111679 Starter

Replacing: 128000-8620; -1; 228000-1600; -1; 28100-17020; -30; 20513035

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 292.00, **No. of mount. holes** 2 (0), **A.** 91.00, **B.** 17.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111699 Starter

Replacing: 9000820; -2; -50; 50-806963a4; 9000763; 30460; 2817056; 12301334; 323-677; 50-806963a2; -5a2; -5a4;

Servicing: Volvo Penta; Mercruiser

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 247.00, **No. of mount. holes** 2 (1), **A.** 64.90, **B.** 7.80, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: PG260L.



111703 Starter

Replacing: m2t63371; 20513022

Servicing: Ford; Perkins

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 250.00, **No. of mount. holes** 2 (0), **A.** 73.80, **B.** 19.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



111748 Starter

Replacing: 0001107020; -1; -52; -53; 0001112038; -9; 9000694029; 9141394; 020911023; 020911023a; -j; -l; -m; -n

Servicing: VW; Seat; Ford; Audi; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 223.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111749 Starter

Replacing: 0001107022; -3; 02a911023f; -t; 9141413; 11.130.775; AZE2543; 66925322

Servicing: VW; Seat; Ford; Audi; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Bushing D.E. (clutch house): cargo 140018



111750 Starter

Replacing: 0001107014; -27; -28; 0001108087; -106; -139; -140; 81bb11000aa; 92ab11000ja; 26689; 63226689; 00011

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 3 (3), **A.** 75.00, **B.** 13.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111751 Starter

Replacing: 0001112010; -1; 0001114009; -10; b001111217; b001181014; 02a911023; 02a911023a; 66925299

Servicing: VW; Seat

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 53.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E.(clutch house) enclosed

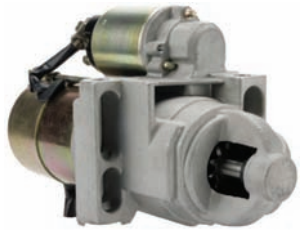


111771 Starter

Replacing: 0001372001; b001960018; 0041519401; 19024179; 0041518801; 0051519401; 11.131.016; azg4605; A00415194

Servicing: Mercedes-Benz

V. 24, **kW.** 6.2, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111786 Starter

Replacing: 10465001; -9; -42; 1990719; 1998314; -513; 9000719; -35; -62; -68; -89; -819; -821; -851; -884; 50-8

Servicing: Mercury; Omc; Mercruiser

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 2 (0), **B.** 18.50, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111835 Starter

Replacing: 31458-66b; -c; 31458-66ta; mgl4004

Servicing: Harley Davidson

V. 12, **B+ / B-** M6, **L.** 202.50, **No. of mount. holes** 0 (0), **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111848 Starter

Replacing: 0001107034; -45; -56; -100; b001110097; f005m00001; 1202145; -59; 90371766; 90508037; 90512189; 9643

Servicing: Opel; Vauxhall; Daewoo; Chevrolet; Peugeot; Citroen; Isuzu

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 215.50, **No. of mount. holes** 2 (1), **A.** 83.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111851 Starter

Replacing: 0001109014; -36; 0001110016; -75; -91; -112; 0031515001; 0041514501; 0041516501; 0041517001; 0041518

Servicing: Mercedes-Benz

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 255.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 25.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111910 Starter

Replacing: 0001371006; 1357709; 860305z; 860305; is9148; 11.139.164; azj3450; 0001371007

Servicing: Scania; VW

V. 24, **kW.** 6.7, **B+ / B-** M12, **L.** 429.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111912 Starter

Replacing: m2t84071; m2t87071; -971; md312857; -8; md344182; 20513019

Servicing: Mitsubishi; Proton; Hyundai

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 238.20, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 2.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111913 Starter

Replacing: m2t65271; -2; m3t54072; m5t27671; 34466-20102; m3t54071; m2t65275; 20513017; 34466-03101

Servicing: Mitsubishi

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 250.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 22.75, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Oil sealed.



111971 Starter

Replacing: m0t81281; -3; -4; md332022; md356104; md360368; m332022d; m0t80581; md301351; 20513027; M0T30771; le

Servicing: Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 195.00, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 10.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111996 Starter

Replacing: 0001218174; 99451753; 35259930; 0001218774

Servicing: Iveco

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (1), **A.** 109.80, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112052 Starter

Replacing: 0001218116; -7; 112051; 35259480; 9000331427

Servicing: VW

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 234.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 52.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112105 Starter

Replacing: 462237; 463592

Servicing: Mercruiser

V. 12, **B+ / B-** 5/16" UNF, **L.** 296.00, **No. of mount. holes** 2 (0), **A.** 103.80, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



112124 Starter

Replacing: 46417006; 7773812; 50246648; 63103002; -7; -22; 63223101; 35258890; 46774415

Servicing: Fiat; Lancia; Citroen

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (3), **A.** 64.10, **B.** 11.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



112130 Starter

Replacing: mdy6139; mdy7054; mha7010; -3; 834893

Servicing: Volvo Penta

V. 12, **B+ / B-** M8, **L.** 302.75, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



112224 Starter

Replacing: 0001371004; d13hp601; 1332903; 571462; 860650

Servicing: Scania

V. 24, **kW.** 6.7, **B+ / B-** M12, **L.** 428.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112233 Starter

Replacing: 10455600; -1; 1107709; 1108278; -373; 1109356; -8; -484; 19010617; 1998280; -2; -315; -404; -421; -4

Servicing: Mercruiser; Caterpillar; International

V. 12, **B+ / B-** M10, **L.** 318.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 10MT.



112249 Starter

Replacing: 0001354031; -95; 0001366025; 29-50096; 30-00308-00; 11.130.531; -620; azj3155; -97; meo6005; 3041c58

Servicing: Mercedes-Benz

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 21.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112267 Starter

Replacing: 0001367079; Ins2800; 3909913; 10461285; 10465026; -43; -211; -365; 10479621; -4; 1113276; -92; -593;

Servicing: Ford; Cummins; Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 10, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112277 Starter

Replacing: 26920; 47920141; 63226920; 2873b059; 20550101

Servicing: Perkins

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 261.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 30.00, **No. of teeth** 10, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** GR



112320 Starter

Replacing: s114-829; s114-829b; 8971891181; 6202000; 97189118; S114-869; 112335; 20510224; les0130; S114-829C;

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 2 (1), **A.** 77.90, **B.** 19.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



112341 Starter

Replacing: 10465013; -4; -53; -54; -130; -168; 1109219; -563; 1113266; -7; -9; -70; -95; -96; -589; -590; 19984

Servicing: Chevrolet; GMC

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 337.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 12.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 27MT, 28MT.



112366 Starter

Replacing: 228000-5980; 28100-17050; 20513038

Servicing: Toyota

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 289.00, **No. of mount. holes** 2 (0), **A.** 91.00, **B.** 15.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112439 Starter

Replacing: 0001218152; -68; b001233216; err5009; 35259400; 0001218768

Servicing: Land Rover

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112533 Starter

Replacing: 12412246570; -1; 12417785691; 12419069808; 0001218134; 1202141; -68; 6202017; 90465731; 93171945; 00

Servicing: BMW; Opel; Land Rover; Vauxhall

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 238.60, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 20.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112656 Starter

Replacing: 859399; lns4524/5; 869399z; 860603; ms4/400; 860803

Servicing: Erf; Foden; Seddon; Daf

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 375.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 10, 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



112828 Starter

Replacing: sm11495; 46-0955; 51-4955; 50-514955; 50-514955-1; 1149540-M030SM; MDO4108; MDO4108A; 1149540MO30SM

Servicing: ; Chevrolet; Force; Chrysler

V. 12, **B+ / B-** M6, **L.** 203.70, **No. of mount. holes** 0 (0), **A.** 63.50, **B.** 42.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113008 Starter

Replacing: 1113287; 10461467; 10479620; 10465055; -315; 1113286; 323-448; 10461452; 10465173; 10479619; 323-449

Servicing: Agco Allis

V. 12, **kW.** 4.0, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 24.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.

Abbrevations, see first pages.
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113011 Starter

Replacing: 10461471; 10479628; 35258820

Servicing: John Deere

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 32.70, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



113332 Starter

Replacing: ms3/51; 857663; ms3/503

Servicing: Erf; Seddon

V. 24, **kW.** 5.5, **B-** M12, **B+ / B-** M12, **L.** 436.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



113333 Starter

Replacing: 850277; -606; 851002; 852563; ms1; 850277; -935; 851004; -738; 852741; 854667; -70; 855236; -508; -6

Servicing: Seddon

V. 24, **kW.** 7.0, **B-** M12, **B+ / B-** M12, **L.** 483.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



113334 Starter

Replacing: 850615; 851360; -450; ms3; 850461; -531; -773; -996; -998; 851022; -291; OD166001; ms3/300a; ms3/502

Servicing: Perkins

V. 24, **kW.** 6.0, **B+ / B-** 1/2" UNC, **L.** 433.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



110205 Starter

Replacing: im380; -641; 0001411008; -12; 0001417041; 9000084019; -24; 2311210; 19024075; 08280; 81460046; 46593

Servicing: Volvo

V. 24, **kW.** 6.5, **B+ / B-** M12, **L.** 403.50, **No. of mount. holes** 3 (0), **A.** 90.50, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

Waterproof.



110206 Starter

Replacing: 002/511; -601; -608; -611; -702; -801; -808; -809; -901; -904; -906; -909; im310; -502; -523; 000141

Servicing: Mercedes-Benz; Ford; Man; Neoplan; Kässbohrer; Claas; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 92.25, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110207 Starter

Replacing: im16; im326; -505; 0001402057; 0001410046; 0001414019; 0001415013; 0001416005; -7; 1327a600; -1; 299

Servicing: Volvo; Volvo Bm

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 386.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110208 Starter

Replacing: im325; -50; -508; -509; -521; 0001402053; 0001410044; 0001411016; 0001414008; 0001415004; -16; 00014

Servicing: Mercedes-Benz; Steyr; Volvo; Fiat-Allis

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110210 Starter

Replacing: 001/504; -6; -7; -706; -905; -911; im360; -510; -601; -801; 0001410024; 0001411009; 0001417001; -51;

Servicing: Mercedes-Benz; Man; Neoplan; Kässbohrer; Ssangyong; Fiat-Allis; Mitsubishi

V. 24, **kW.** 6.0, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 91.75, **B.** 48.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110211 Starter

Replacing: im371; -647; 0001410005; 0001411013; 0001417047; 19024079; 0150000; R22.15; 571461; 349579; 860544;

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110212 Starter

Replacing: im312; -61; -548; -607; -645; 0001410098; -115; 0001411005; 0001415014; -5; 0001416048; 0001417045;

Servicing: Iveco; Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.65, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110213 Starter

Replacing: im316; -62; -605; 0001410065; 0001411025; 0001417005; -73; 19024053; r22.07; 4732242; 4782803; 81467

Servicing: Iveco; Citroen; Fiat

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 403.60, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 20.80, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110214 Starter

Replacing: im330; -643; 0001410037; 0001415008; 0001417043; 0001501020; -9; -33; -35; 2998006; 19024077; r20.28

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 37.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110216 Starter

Replacing: 10455301; -5; -6; -8; -603; 10496874; 1107781; 1108427; -8; -9; -30; -80; -501; -502; -513; -745; -7

Servicing: Chevrolet; Omc; Mercruiser; Buick; Cadillac; GMC; Oldsmobile; Pontiac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 0.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 10MT.



110218 Starter

Replacing: 1107196; -293; -294; -298; -299; -330; -355; -396; 1108026; -224; -225; -226; -333; -335; -348; -349

Servicing: Buick; Cadillac; Oldsmobile; Pontiac

V. 12, **B+ / B-** 3/8" UNC, **L.** 287.00, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 10MT.



110220 Starter

Replacing: 1109212; -3; -5; -6

Servicing: Buick; Cadillac; Chevrolet; GMC; Oldsmobile; Pontiac

V. 12, **B+ / B-** M10, **L.** 336.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 6.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 25MT.



110221 Starter

Replacing: 10455004; -6; -17; -24; 10465027; -8; 1109526; -30; -38; -60; 1998448; -50; -514; -515; -521; -526;

Servicing: Buick; Chevrolet; GMC; Oldsmobile; Pontiac

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 270.50, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 8.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD
Replacing: 8MT.



110225 Starter

Replacing: d80f11001aa; e1af11001ba; e1af11002b; e2sf11001aa; -2aa; sa-709a; -b; 50-69865a1; 8410664; sa709a; -

Servicing: Ford; Lincoln; Mercury

V. 12, **B+ / B-** M8, **L.** 252.00, **No. of mount. holes** 2 (0), **A.** 103.80, **B.** 16.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"
Anti CW: Cargo 111213.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110231 Starter

Replacing: 3231371; -2; 3238665; 5752791; D6FF11001AA; -ba; d8ff11001aa; -ba; 3131372; 10465081; -2; E1FF11001B

Servicing: Jeep; American Motors

V. 12, **B+ / B-** M6, **L.** 265.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 17.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4.5"



110241 Starter

Replacing: 1113510; -8; -52; -53; -69; -77; 50-29105; 50-30829; 50-32403; -11; 50-37345; 50-37345a1; 50-38890;

Servicing: Mercury

V. 12, **kW.** 0.8, **B+ / B-** 1/4" UNC, **L.** 210.00, **No. of mount. holes** 2 (2), **A.** 54.00, **B.** 0.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110334 Starter

Replacing: 1107587

Servicing: Hyster; Perkins

V. 12, **B+ / B-** 1/13" UNC, **L.** 345.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 46.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 20MT.



110346 Starter

Replacing: 3t8959; 9l2200; 9l5417; 3603866rx; 10478853; 1109635; -794; -832; -989; 1114709; 1990241

Servicing: Peterbilt Trucks; Caterpillar

V. 24, **B+ / B-** M12, **L.** 433.56, **No. of mount. holes** 3 (0), **A.** 102.00, **B.** 97.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 50MT. Oil sealed.



110347 Starter

Replacing: 0001420002; -6; -8; -10; -11; 0r5213; 3l8205; 3t2780; -5; -7; 3t3778; 3t8947; -9; -54; -67; 4n0959;

Servicing: Fiat-Allis; Caterpillar; Iveco; Clark

V. 24, **kW.** 7.5, **B+ / B-** M12, **L.** 522.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 50MT. Oil sealed.



110352 Starter

Replacing: 0001208218; 19024839; 803000.2; e100l-1.5/12; r100.03; r100.3; mtd12-14; 4474746; -7; -50; 2100-3708

Servicing: Fiat; Lada

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (3), **A.** 82.35, **B.** 21.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



110364 Starter

Replacing: 0001155009; -10; -16; -17; 0001157001; -2; -3; -4; -9; -10; -12; -13; -25; -29; 163; -71; 3471143; -

Servicing: Opel; Vauxhall

V. 12, **kW.** 0.65, **B+ / B-** M8, **L.** 229.50, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110368 Starter

Replacing: 0001362001; -2; -29; -30; -47; -600; 9000143406; -8; 19024239; -49; 11.130.300; -99; -885; azj3107;

Servicing: Mercedes-Benz; Seat; Audi; Volvo

V. 12, **kW.** 2.3, **B+ / B-** M10, **L.** 289.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 18.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110394 Starter

Replacing: 0001112032; 9000333121; m1t72481; m1t72481zc; m1t72483; m1t72483zc; m1t74581; m3t34781; -2; m3t38981

Servicing: Suzuki; Geo; Chevrolet

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (0), **A.** 65.85, **B.** 4.35, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110409 Starter

Replacing: im34/4; 0001401005; -36; -37; -44; -45; 0001413003; 0001418002; bng4/12; 19024001; -563; 0001400006;

Servicing: Ford; Mack; Sennebogen; Kaelble

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110414 Starter

Replacing: 1109521; -4; -7; -34

Servicing: Chevrolet; American Motors; Jeep; Buick; GMC; Oldsmobile; Pontiac

V. 12, **B+ / B-** M10, **L.** 286.00, **No. of mount. holes** 2 (0), **A.** 68.10, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 8MT.



110436 Starter

Replacing: 0r5208; 2n3538; 3t2655; -7; -9; 7n6503; 7t1081; 7t2265; 7t9254; 8c356; 8c3648; 8l5881; 9l3597; 9w005

Servicing: Various; Mack; Caterpillar; Clark

V. 12, **kW.** 7.5, **B+ / B-** 1/2" UNC, **L.** 506.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 42MT. Oil sealed.



110468 Starter

Replacing: 1107377; -8; 1108197; 1109090; -1; 1998266; -7

Servicing: Hyster; Clark; Bobcat

V. 12, **B+ / B-** 3/8" UNC, **L.** 307.00, **No. of mount. holes** 3 (0), **A.** 88.65, **B.** 20.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 10MT. Oil sealed.



110469 Starter

Replacing: 10455304; -40; 1107203; 1108421; 1109093; 1998269; -70; -81; 10455355

Servicing: Bobcat

V. 12, **B+ / B-** M10, **L.** 306.70, **No. of mount. holes** 3 (0), **A.** 88.60, **B.** 43.35, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 10MT. Oil sealed.



110472 Starter

Replacing: 1107557; -82; 1998337

Servicing: Hyster

V. 12, **B+ / B-** 3/8" UNC, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 88.00, **B.** 47.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 20MT. Oil sealed.



110485 Starter

Replacing: s114-116; -46; -244; -257; s114-257a; -c; -d; -g; s114-349; s114-349a; -b; s114-483; ch12741; 028000

Servicing: Chrysler; Yanmar; Thermo King

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 21.00, **No. of teeth** 15, **Rotation** CR, **Drive type** Steel, **Gear** GR



110491 Starter

Replacing: 1107209; 1108505; 1109098; 1998274

Servicing: Allis Chalmers; Hyster

V. 12, **kW.** 1.4, **B+ / B-** M10, **L.** 305.00, **No. of mount. holes** 3 (0), **A.** 88.00, **B.** 45.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 10MT. Oil sealed.



110506 Starter

Replacing: 1107194; -204; -205; -287; -295; 1108422; -3; 1109095; 1998271

Servicing: Hyster

V. 12, **B+ / B-** M10, **L.** 305.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 10MT. Oil sealed.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

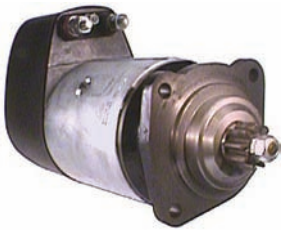


110509 Starter

Replacing: 3212235; 3229844; 3182972; c6ff11001; c6ff11001b; -d; c7ff11001b; c5ff11001d; d0ff11001b; 3182774

Servicing: American Motors; Jeep

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 265.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Type** 4"



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110517 Starter

Replacing: 0001363101; -11; 19024242; 12080; 4691200; 4706931; 4744841; 4752403; 4807377; 6706931; 77050561; 77

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 3.2, **B+ / B-** M10, **L.** 295.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 25.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110518 Starter

Replacing: 0001360063; 0001368020; 859542; 2998201; 19024232; -56; 11430; 42498212; 4706008; 4716026; -62; 4737

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110519 Starter

Replacing: 0001359071; 0001367030; 19024229; 22626; 4713805; 11.130.862; azj3299; 4737758; 4755112; 63216802; -

Servicing: Volvo; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110520 Starter

Replacing: 0001360007; -27; 0001368021; 19024201; 10450; r10.05; r10ta; 4706720; 4737757; 4755113; 77065560; 77

Servicing: Fiat-Allis; Cummins

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110521 Starter

Replacing: 0001360015; -43; 0001368019; 19024231; 11380; -930; 4172004; 4187587; 4231018; 4232191; 4269114; 468

Servicing: Iveco; Fiat-Allis; Benfra

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 343.00, **No. of mount. holes** 3 (0), **A.** 111.00, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110522 Starter

Replacing: 0001359122; 0001367029; 19024202; -53; 11420; 14650; r11.03; r11c; 4737759; 4807376; 11.130.366; -69

Servicing: Fiat; Fiat-Allis; New Holland; Iveco

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110523 Starter

Replacing: 0001360012; -4; -35; 0001368001; -7; 859539; 19024226; -34; -813; 11580; r10.08; 11.130.075; -141; -

Servicing: Iveco; Case; Abg; Ahlmann; Payloader; Compair; Khd

V. 24, **kW.** 4.8, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 27.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110524 Starter

Replacing: 0001360022; -34; -37; -52; -65; 0001368022; -4; -55; -62; -300; -307; -309; 9000083065; 9000143601;

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110525 Starter

Replacing: 0001359043; -84; 0001367034; -59; -300; -301; -303; 9000083028; -54; 9007044002; 2998000; 19024205;

Servicing: Mercedes-Benz; Claas

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 341.00, **O1** 89.50, **O2** 115.50, **O3** 89.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110527 Starter

Replacing: 0001360010; -7; -38; -39; -57; 0001368002; -10; -301; 859535; 1321780; 1321f780; -904; 2996101; 2998

Servicing: Scania; Steyr

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110529 Starter

Replacing: 0001359021; -102; 0001367023; -8; 2998200; 19024230; 11370; r11.07; r11w; 4172113; 4699705; 4702248;

Servicing: Fiat; Fiat-Allis; Agrifull; Benfra; Iveco

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 340.50, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110530 Starter

Replacing: 0001354014; -90; 0001358003; -6; -20; -51; 0001359004; -108; 0001362022; -35; 0001367013; 19024238;

Servicing: Lamborghini; Same; Huerlimann

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 342.00, **O1** 105.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 22.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110531 Starter

Replacing: im340; -1; -540; -617; -636; 0001410001; -15; -16; -41; 0001417036; 2998007; 19024071; 10610; 001151

Servicing: Mercedes-Benz; Khd; Fiat-Allis; Gmeinder

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M12, **L.** 405.00, **No. of mount. holes** 0 (0), **A.** 76.50, **B.** 43.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110532 Starter

Replacing: im381; -2; -606; 0001411017; -26; 0001417006; -74; 19024054; 06860; r20.24; r20w; 4179626; 4732241;

Servicing: Iveco; Citroen

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 115.00, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110533 Starter

Replacing: im323; -503; 0001410062; 0001415011; 0001416003; 19024011; 5000804191; 10650; 22603; R23.09; 51.2620

Servicing: Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110534 Starter

Replacing: im324; -530; 0001410053; -63; -99; 0001416030; 19024030; r23.18; 8122161; 0001410109; 0001416035; 10

Servicing: Fiat; Iveco; Ford

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 387.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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110535 Starter

Replacing: im328; -536; 0001410111; 0001416036; 19024035; 81466036; 22620; 6210000; R23.21; 860655; C9JF11350A;

Servicing: Iveco

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110536 Starter

Replacing: 0001358027; -46; -49; -73; -305; 0001359012; -27; -46; -49; -73; -78; 0001362016; -34; -91; -305; -3

Servicing: Iveco; Mercedes-Benz; Khd; Fendt; Deutz-fahr; Claas; Bomag; Abg; Case; Irmer; Kramer; Sennebogen; At

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 287.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110537 Starter

Replacing: 012/810; im34; im34/1; -3; im401; -12; 0001401011; -7; -25; -34; -35; -49; -50; -56; -66; 0001413001

Servicing: Volvo Bm

V. 12, **kW.** 3.6, **B-** M10, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110538 Starter

Replacing: im409; 0001401023; -60; 0001418009; bng4/12cr238; 19024005; 860542

Servicing: Volvo Penta

V. 12, **kW.** 3.6, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

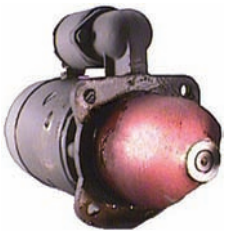


110539 Starter

Replacing: im414; 0001413017; 0001418014; 19024008; 22806

Servicing: Claas; New Holland; Mercedes-Benz

V. 12, **kW.** 3.6, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110551 Starter

Replacing: 0001359048; 19024815; r11.02; r11b; 11.130.821; 443115144742; 9144742; 7701013039; 0001359001; -53;

Servicing: Zetor; Ursus; Same; Lamborghini

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 326.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110565 Starter

Replacing: 19024817; 538502; -5; s12-73; s13-73; s13-73b; s13-74; 11.130.076; -200; -373; -386; -411; -419; -50

Servicing: Massey Ferguson; Eicher

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 313.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110569 Starter

Replacing: 676375; 1113652; -83

Servicing: Hyster

V. 12, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 35MT. Oil sealed.



110582 Starter

Replacing: im511; 0001410106; 0001415017; 0001416011; -52; 19024018; -46; 22608; 4784745; -7; 42498148; 10825;

Servicing: Iveco; Citroen

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110588 Starter

Replacing: 1108696

Servicing: Clark

V. 12, **kW.** 2.0, **B+ / B-** 3/8" UNC, **L.** 341.50, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 20.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 20MT. Oil sealed.



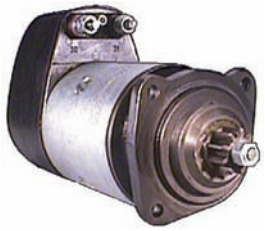
110590 Starter

Replacing: Ins2830; 10465049; -50; 1107514; -39; -872; 1109192; -253; -261; -263; 1113281; -2; 1998330; -5; -42

Servicing: Perkins; Bobcat

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 27MT, 28MT. Oil sealed.



110600 Starter

Replacing: im520; 0001402038; 0001410058; -91; 0001414007; 0001416020; -55; bng4/24cr301; 19024023; 10655; im30

Servicing: Ikarus

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 90.15, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Waterproof.



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110602 Starter

Replacing: Ins2820; 10465058; 10479613; 1107588; 1108692; 1113273; 1998339; oms123; 110326; 111038; 0-23000-184

Servicing: Perkins; Bobcat; Clark

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 28MT. Oil sealed.



110604 Starter

Replacing: 10465047; -8; 1107567; 1109272; 1113279; -80; 1998334; -8; -78; -94; -409; 35259650; -80; 110570; 0-

Servicing: Allis Chalmers; Carrier Transicold; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 340.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 46.45, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 27MT, 28MT. Oil sealed.



110608 Starter

Replacing: 19024833; b76-0.5/12; 4287971; -2; 4288328; 4474851; -2; 46231503; -8; 77276430; -1; 63201000; -1; -

Servicing: Fiat; Renault V.i.

V. 12, **kW.** 0.5, **B+ / B-** M8, **L.** 233.75, **No. of mount. holes** 3 (0), **A.** 61.90, **B.** 7.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110638 Starter

Replacing: 1113519; 191-0687; mdw4104m; mdw4304; sm44119; 57-5955

Servicing: Force; Chrysler

V. 12, **B+ / B-** M6, **L.** 246.75, **No. of mount. holes** 0 (0), **A.** 76.35, **B.** 45.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110652 Starter

Replacing: 1113517; -78; -79; 50-30842; -955; 50-31976; 50-37274; 50-45822; -82; 50-48405; -643; 50-52682; 50-5

Servicing: Mercury

V. 12, **B+ / B-** 1/4" UNC, **L.** 283.00, **No. of mount. holes** 2 (2), **A.** 53.80, **B.** 47.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



110655 Starter

Replacing: 1113521; mdw4001m; mdw4101m; -3m; mgd4001m

Servicing: Johnson; Evinrude

V. 12, **kW.** 0.9, **B+ / B-** M6, **L.** 198.00, **No. of mount. holes** 2 (2), **A.** 76.00, **B.** 30.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110784 Starter

Replacing: 152; -3; -64; 3471152; -3; -64; -369; -397; moc12-9; 11.130.351; -600; azf3533; -60; 25292

Servicing: Opel

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 244.30, **No. of mount. holes** 2 (0), **A.** 77.90, **B.** 13.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110792 Starter

Replacing: 141; -62; 3471141; -4; -62; -364; -365; -391; 391; 1202004; -108

Servicing: Opel; Bedford

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 262.00, **No. of mount. holes** 2 (0), **A.** 77.85, **B.** 15.30, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110798 Starter

Replacing: 10455312; 1107694; 1108419; 1109084; -92; -355; 1998260; -1; 1107660; -87; -890; -892; 1939507

Servicing: Clark; Buick; Chevrolet; GMC; Oldsmobile; Pontiac

V. 12, **kW.** 1.5, **B+ / B-** M10, **L.** 287.00, **No. of mount. holes** 2 (0), **A.** 104.00, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 10MT. Oil sealed.



110799 Starter

Replacing: 1113256

V. 24, **B+ / B-** M10, **L.** 369.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 30MT.



110807 Starter

Replacing: s114-550; s114-550a; kk0218400; kk37018400a; kk40118400; kky0218400; ky0218400; mb30118400c; hsc1081

Servicing: Mazda; Opel; Kia; Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 197.25, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 20.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110812 Starter

Replacing: 0001362073; 19024241; 12070; 4412894; 4448694; 4712894; 4713807; 4741669; -99; 7564668; 77515430; 63

Servicing: Fiat; Alfa Romeo; Seat

V. 12, **kW.** 2.0, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 3 (0), **A.** 109.80, **B.** 27.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110814 Starter

Replacing: 0001362062; 19024255; 4711699; 4719664; 4745930; 4807374; 4856056; 77028560; 11.130.123; -500; azj31

Servicing: Iveco; Fiat; Lancia; Renault; Alfa Romeo; Massey Ferguson; Benfra

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 296.50, **No. of mount. holes** 3 (0), **A.** 109.85, **B.** 26.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110819 Starter

Replacing: 19024821; 11.130.520; azj3148; 26344; -65; -411; 27571; -82; -84; nsb530; 3597371m2; 1873a052; 28730

Servicing: Massey Ferguson; Eicher; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 311.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 22.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110829 Starter

Replacing: 9000334101; 5491163; 75491453; 75492472; 95492868; 95493934; 95494430; 95580166; 3471366; 532012; mt

Servicing: Citroen

V. 12, **kW.** 0.65, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 18.85, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110839 Starter

Replacing: 0001110012; -55; -115; b001117012; 11.130.558; aze2507; 1202016; -45; -143; -156; -956; 90443488; 90

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 269.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 19.60, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110932 Starter

Replacing: im332; -544; 0001410057; -68; 0001416044; 19024040; 22623; R23.24; im322; 9125430

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



110953 Starter

Replacing: 1108694; 1109199; 1998363; 110475

Servicing: Clark

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 342.50, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 20.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 20MT, 22MT. Oil sealed.



110980 Starter

Replacing: im561; 0001416061; 19024048; 477049; 5003312; 6340000; R23.34; 8192965; 860512; 9125500

Servicing: Volvo

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



110981 Starter

Replacing: im562; 0001416062; -7; 19024049; -106; 11.139.025; azk5184; 81366062; 81466062; 860509; 365211

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 109.85, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110999 Starter

Replacing: 0001420001; -3; -4; -5; -9; -13; 0r5207; -70; 25900; 2p2501; 2s0900; 2s900; 3p0006; -7; -110; 3p3006

Servicing: Volvo; Peterbilt Trucks; Fiat-Allis; Case; Various; Caterpillar

V. 24, **kW.** 7.5, **B+ / B-** M12, **L.** 499.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.50, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 42MT. Oil sealed.



111000 Starter

Replacing: 851122; -339; ms1a/20; -5; 0r2187; -90; 0r5209; 1l8174; 3t2646; -9; -50; -54; 3t3152; -3; 4n0957; 4n

Servicing: Fiat-Allis; Cummins; Caterpillar; Clark

V. 24, **kW.** 7.0, **B+ / B-** M12, **L.** 497.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.25, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 42MT. Oil sealed.



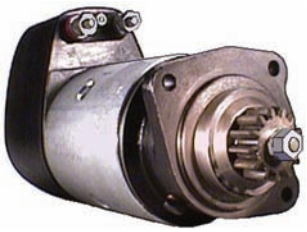
111001 Starter

Replacing: 0001359038; -83; -113; 0001367005; 19024250; 11.130.254; -898; azj3557; mt68ra; 9144820; 63216816; A

Servicing: Lamborghini; Same; Steyr

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 320.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 20.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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111003 Starter

Replacing: im504; 0001410052; -94; 0001415007; 0001416004; 19024012

Servicing: Mercedes-Benz; Hanomag

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 387.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** DD

Waterproof.



111007 Starter

Replacing: 1113639; -60; 1993885

Servicing: Perkins; Clark

V. 12, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 35MT.



111025 Starter

Replacing: 0001211536; 19024838; 534053; r80k; 46231510; 5999906; 7612952; 7621040; 76221040; 77305430; 11.130.

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 3 (2), **A.** 64.25, **B.** 11.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111034 Starter

Replacing: 10455011; -3; -6; -42; -50; -54; -70; 1998427; -524

Servicing: Chevrolet; GMC; Isuzu; Jeep; Oldsmobile; Pontiac

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 270.00, **No. of mount. holes** 2 (0), **A.** 67.80, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Gear** DD

Replacing: SD260.



111041 Starter

Replacing: Ins2810; 10465045; -6; -406; 1107580; 1109550; 1113275; -8; 1998336; -83; -87; -481; 0-23000-1830; -

Servicing: Fiat-Allis; Hyster; Perkins

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 46.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 22MT, 27MT, 28MT.



111046 Starter

Replacing: im602; 0001417002; 19024052; 4778060; 22702; 0060000; R22.06

Servicing: Man; Alfa Romeo; Mitsubishi; Volvo

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 404.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111049 Starter

Replacing: 1998576

Servicing: Various; Hyster

V. 12, **B+ / B-** M8, **L.** 304.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 46.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 10MT. Oil sealed.



111055 Starter

Replacing: 0001112008; 0001157024; -8; -30; 150; -68; -72; -77; 3471150; -68; -72; -77; -393; 11.130.266; -580;

Servicing: Opel; Vauxhall; Pontiac

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 229.50, **No. of mount. holes** 2 (0), **A.** 67.95, **B.** 18.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111056 Starter

Replacing: 0001208224; 155; 3471155; -377; -394; 394; 11.130.352; azf3534; 1202027; -8; -113; -954; 90140179; d

Servicing: Opel; Vauxhall

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 243.50, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111065 Starter

Replacing: 0001218006; -21; -108; -165; b001233121; -72; -261; 0031512901; 0031519801; 0041513501; 0041515601;

Servicing: Mercedes-Benz; Ssangyong; Daewoo

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 276.00, **No. of mount. holes** 2 (2), **A.** 82.30, **B.** 26.50, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111122 Starter

Replacing: 174; 3471170; -4; -850

Servicing: Opel; Vauxhall

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 245.15, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111123 Starter

Replacing: 0001106015; 0001112015; -35; 96208781; 10455506; 9000795; aze1515; 1202127; -37; -42; -72; -73; -74;

Servicing: Vauxhall; Opel; Daewoo; Chevrolet

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 67.95, **B.** 18.55, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111127 Starter

Replacing: 0001108053; -93; 169; -73; 3471169; -73; 9000700; -51; -56; -58; -72; -85; -91; -802; x16478; 104650

Servicing: Opel; Vauxhall; Pontiac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 183.00, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: PG100.



111190 Starter

Replacing: 7n8404; 8n1694; 10455332; 1107308; -79; 1108508; 1109087; -8; -422; 1998210; 4841605; 2355692; 22000

Servicing: Caterpillar; Clark

V. 12, **B+ / B-** 3/8" UNF, **L.** 303.45, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 10MT. Oil sealed.



111217 Starter

Replacing: im35; im35/1; im403; 0001401012; -3; -28; -52; -68; 0001413007; -10; 0001418004; bng4/12cr222; 19024

Servicing: Volvo; Volvo Bm

V. 12, **kW.** 3.6, **B+ / B-** M10, **L.** 383.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111218 Starter

Replacing: im528; 0001402079; 0001414011; 0001416028; 19024028; 6330000; R23.33; 860543; 9125350

Servicing: Volvo Penta

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 388.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.00, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111219 Starter

Replacing: im335; -553; -623; 0001410050; 0001411010; 0001415021; 0001416053; 0001417023; 19024047; -63; 10800;

Servicing: Volvo Penta

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.40, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111221 Starter

Replacing: 1107577; -99; -863; -871; 1109251; 1113271; re509658; 35259580; 0-23000-2060

Servicing: John Deere; Bobcat; Clark

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 322.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 33.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.

Abbrevations, see first pages.
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111222 Starter

Replacing: 1109540; 1113288; 1998389; 0-23000-2000; 110470

Servicing: Clark

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 336.00, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 19.80, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



111224 Starter

Replacing: 3e1864; 7n0923; 9g6941; 10461039; -303; 1113402; -640; -641; -644; -650; -651; -653; -656; -672; -67

Servicing: John Deere

V. 12, **kW.** 4.0, **B+ / B-** M10, **L.** 402.50, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 47.60, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: 37MT. Oil sealed.



111231 Starter

Replacing: im653; 0001417053; -61; 19024080; 11.139.030; azk5189; d13e107; -10; d13e110te; d13e111; d13e117te;

Servicing: Renault V.i.

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 88.95, **B.** 40.25, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111249 Starter

Replacing: im517; -27; 0001402011; -56; -58; 0001414018; 0001416017; -27; bng4/24cr165br; 19024554; 22612; 6140

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 381.80, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 48.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Bronze, **Gear** DD



111258 Starter

Replacing: 1107289; -342; -365; 1108338; -82; -400; -418; -788; 1109029; -59; -67; 1998225; 1107711; -388; 1108

Servicing: Buick; Chevrolet; GMC; Oldsmobile; Pontiac

V. 12, **B+ / B-** M10, **L.** 292.75, **No. of mount. holes** 3 (0), **A.** 71.15, **B.** 5.85, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 10MT.



111259 Starter

Replacing: 4609320; 1108511; 1109430; -568; 1998305

Servicing: Case

V. 12, **kW.** 1.3, **B+ / B-** M10, **L.** 305.00, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 19.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 10MT.



111260 Starter

Replacing: 1107655; -81; 1109446; 1998313

Servicing: Case

V. 12, **kW.** 1.4/1.6, **B+ / B-** M10, **L.** 277.50, **No. of mount. holes** 2 (0), **A.** 82.35, **B.** 17.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 10MT.



111277 Starter

Replacing: 1108755; -6; 1109486; -7; -8; -9; -90; 1998317; -8; 8348930; 8553265; 50-69864a1; 50-79822a1; 50-994

Servicing: Omc; Mercruiser; Chevrolet; GMC

V. 12, **B+ / B-** M10, **L.** 295.00, **No. of mount. holes** 2 (0), **A.** 82.60, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 10MT.



111383 Starter

Replacing: 1113285

Servicing: Bobcat; Clark

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 341.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 45.75, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



111399 Starter

Replacing: 0001368083; 859022; -506; lns4524/9; 19024262; 1201327

Servicing: Daf

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 352.50, **O1** 89.00, **O2** 126.00, **O3** 89.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 38.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111683 Starter

Replacing: 5811001660; -1; -2; -3; -830; -860; 8944489590; -1; 8971353432; 028000-7000; -1; -2; -3; -790; -791;

Servicing: Isuzu; Opel; Iseki; Tcm; Chevrolet; GMC

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 232.50, **O1** 119.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 19.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111684 Starter

Replacing: 9000801; 96208782; 96550792; 96469963; 96550782

Servicing: Opel; Daewoo; Vauxhall

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 213.00, **O1** 104.00, **No. of mount. holes** 2 (0), **A.** 67.90, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111698 Starter

Replacing: 0001107015; -44; b001110042; 9000794; -817; 96208783; m0t86781; 1202138; -44; 90444193; 90458462; 90

Servicing: Opel; Man; Daewoo; Vauxhall; Saab

V. 12, **kW.** 1.1, **B+ / B-** M8, **O1** 125.00, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111699 Starter

Replacing: 9000820; -2; -50; 50-806963a4; 9000763; 30460; 2817056; 12301334; 323-677; 50-806963a2; -5a2; -5a4;

Servicing: Volvo Penta; Mercruiser

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 247.00, **O1** 82.75, **No. of mount. holes** 2 (1), **A.** 64.90, **B.** 7.80, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: PG260L.



111752 Starter

Replacing: 0001354073; -80; 0001359014; -74; 0001362063; -300; 0001367001; 19024257; azj3242; 11.130.889; AZJ33

Servicing: Case; Payloader

V. 12, **kW.** 2.7, **B+ / B-** M10, **L.** 342.00, **O1** 126.50, **O2** 89.50, **O3** 89.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111760 Starter

Replacing: 10461465; 10479616; 1113277; -91; -594; 1998488; 0-23000-2040; -30; -270; 110954; 111257; 323-911; 3

Servicing: Case; Cummins

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 339.00, **O1** 89.00, **O2** 126.60, **O3** 90.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 43.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 27MT, 28MT. Oil sealed.



111771 Starter

Replacing: 0001372001; b001960018; 0041519401; 19024179; 0041518801; 0051519401; 11.131.016; azg4605; A00415194

Servicing: Mercedes-Benz

V. 24, **kW.** 6.2, **B+ / B-** M12, **L.** 405.00, **O1** 140.00, **O2** 140.00, **O3** 140.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111786 Starter

Replacing: 10465001; -9; -42; 1990719; 1998314; -513; 9000719; -35; -62; -68; -89; -819; -821; -851; -884; 50-8

Servicing: Mercury; Omc; Mercruiser

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 246.00, **O1** 72.00, **No. of mount. holes** 2 (0), **B.** 18.50, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111805 Starter

Replacing: 9000331201; -3; 17610-q1010; s13-107; s13-107a; s13-127; s13-127a; -c; 23300-10t02; 23300-g2403; -4;

Servicing: Nissan; Ford

V. 12, **kW.** 2.5, **B+ / B-** M8, **L.** 243.00, **No. of mount. holes** 2 (0), **A.** 94.90, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111848 Starter

Replacing: 0001107034; -45; -56; -100; b001110097; f005m00001; 1202145; -59; 90371766; 90508037; 90512189; 9643

Servicing: Opel; Vauxhall; Daewoo; Chevrolet; Peugeot; Citroen; Isuzu

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 215.50, **No. of mount. holes** 2 (1), **A.** 83.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111849 Starter

Replacing: 96275481; m0t81981; 31100-75f10; 31100-70b20; 96569440; 96518887; 10455503; tm000a23501; tm000a35301

Servicing: Suzuki; Daewoo; Chevrolet

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 184.50, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 6.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111982 Starter

Replacing: 0001231002; drx67095; -149; 10479626; 0041516201; 0041518401; 0051512001; -201; 10461470; A004151620

Servicing: Mercedes-Benz

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 317.50, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 49.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111983 Starter

Replacing: im663; 0001417063; -7; 19024084; 1556955; 1638187; 1676800; -16; 0001420012; -5; 860517

Servicing: Volvo

V. 24, **kW.** 6.6, **B-** M10, **B+ / B-** M10, **L.** 406.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



112007 Starter

Replacing: 7n8405; 1109420; 1998295

Servicing: Caterpillar

V. 12, **B+ / B-** M10, **L.** 305.50, **No. of mount. holes** 2 (0), **A.** 83.00, **B.** 16.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 10MT.



112037 Starter

Replacing: 0001368085; 19024260; 2873d304

Servicing: Volvo; Perkins

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 340.70, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 22.20, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112089 Starter

Replacing: 0r5347; 3t2879; 3t3154; 4l9547; 4n0956; 4n956; 5l4160; -8; -9; 5l5667; -867; 8c3592; -3; 8l8206; 9l6

Servicing: International; Freightliner; Kenworth; Mack; Ford; Volvo; Case; New Holland; Caterpillar; Perkins; C

V. 12, **kW.** 3.7, **B-** M12, **B+ / B-** M12, **L.** 500.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 42MT. Oil sealed.



112115 Starter

Replacing: im538; 0001410116; 0001416038; 19024036

Servicing: Daf

V. 24, **kW.** 5.4, **B+ / B-** M12, **L.** 384.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112116 Starter

Replacing: im665; 0001417065; -75; 19024085; 11.139.107; azk5456; 81467065; 1547049; 3964839; 860511

Servicing: Volvo

V. 24, **kW.** 6.6, **B-** M12, **B+ / B-** M12, **L.** 407.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



112119 Starter

Replacing: im642; 0001417042; 19024076; 22718; 11.139.022; 81467042; -3; 349575; 571453; 860505; 9125110

Servicing: Scania

V. 24, **kW.** 6.6, **B+ / B-** M12, **L.** 406.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112120 Starter

Replacing: im637; 0001411022; 0001417037; 19024072

Servicing: Mercedes-Benz; Man

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.50, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



112169 Starter

Replacing: 3908594; 10479108; 1993903; -54; 112187; A169694

Servicing: Case

V. 24, **kW.** 4.5, **B+ / B-** M12, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 37MT. Oil sealed.



112227 Starter

Replacing: d13hp709; m9t80271; d13hp613; 5010306000; 19024186

Servicing: Renault V.i.

V. 24, **kW.** 8.0, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112232 Starter

Replacing: 10455602; 1108374; 1109369; -485; 19010615; 1998316; -405; 50-76963a3; 921288; 980820

Servicing: Volvo Penta; Omc; Mercruiser; Thermo King

V. 12, **kW.** 2.4, **B+ / B-** M10, **L.** 320.00, **No. of mount. holes** 2 (0), **A.** 82.00, **B.** 46.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Replacing: 10MT.



112233 Starter

Replacing: 10455600; -1; 1107709; 1108278; -373; 1109356; -8; -484; 19010617; 1998280; -2; -315; -404; -421; -4

Servicing: Mercruiser; Caterpillar; International

V. 12, **B+ / B-** M10, **L.** 318.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 47.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 10MT.



112239 Starter

Replacing: 9000840; 50-809904a1; 9000839

Servicing: Mercruiser

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 2 (0), **A.** 67.90, **B.** 18.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: PG260F1, -G.



112240 Starter

Replacing: 10465167; 9000786; -860; -879; -899; 12564108; 10465554

Servicing: Chevrolet; Cadillac; GMC; Isuzu; Oldsmobile

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (0), **B.** 19.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: PG260M.

Abbrevations, see first pages.
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112241 Starter

Replacing: 9000841; -58; -71; 10465520; 12564107; 323-1434; 9000910

Servicing: Isuzu; GMC; Chevrolet; Oldsmobile

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 2 (0), **A.** 61.50, **B.** -9.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: PG260F2.



112243 Starter

Replacing: 9l2507; 3043010; 3910644; 10479175; 1113353; -70; -71; -403; -436; -479; -481; -494; -534; -535; -53

Servicing: Case; Clark

V. 24, **B+ / B-** 1/2" UNC, **L.** 401.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 37MT. Oil sealed.



112251 Starter

Replacing: 00e091; cer3087; 1027928; 1059179; 1073108; 1093471; 755f11000bb; 795f11000ca; 835f11000aa; 835fx110

Servicing: Ford; Ldv International

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 19.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



112253 Starter

Replacing: 10465151; -314; 10479615; -8; -25; f3ht11001dc; f3hz11001b; -2b; f4ht11001ba; f7ht11001fa; -2fh; 450

Servicing: Ford; Ingersoll Rand

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 342.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 45.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.



112254 Starter

Replacing: 1p7112; 2m1431; -64; 3t2775; -88; 3t8942; -5; 4n3273; -387; 3004699; -700; 10478846; -83; -907; 1109

Servicing: Caterpillar

V. 24, **B+ / B-** 1/2" UNC, **L.** 568.00, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 97.00, **No. of teeth** 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 50MT. Oil sealed.



112255 Starter

Replacing: 3043007; 3604483rx; 3910643; 10461008; -89; -229; -279; -280; 1990310; -3; -6; -7; -9; 1993713; -9;

Servicing: Cummins; Clark

V. 12, **B+ / B-** 1/2" UNC, **L.** 401.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 37MT. Oil sealed.



112256 Starter

Replacing: 1990499; 1993701; -41; -986; 11.203.016

Servicing: Case; Lister

V. 24, **kW.** 7.0, **B+ / B-** 1/2" UNC, **L.** 402.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 37MT. Oil sealed.



112258 Starter

Replacing: 3603865rx; 10461022; -59; -133; -194; 10478985; 1114052; -77; -101; -168; -770; -771; -775; -789; -7

Servicing: Chevrolet; GMC; Detroit

V. 12, **B+ / B-** 1/2" UNC, **L.** 519.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 42MT. Oil sealed.



112259 Starter

Replacing: 2n2761; 3t2648; 4n9253; 1114155; -731; -809; -908; 0R2188; 0R4264

Servicing: Massey Ferguson; Caterpillar

V. 12, **kW.** 5.5, **B+ / B-** M12, **L.** 507.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 61.00, **No. of teeth** 12, **Insulator** D, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Replacing: 40MT. Oil sealed.



112267 Starter

Replacing: 0001367079; Ins2800; 3909913; 10461285; 10465026; -43; -211; -365; 10479621; -4; 1113276; -92; -593;

Servicing: Ford; Cummins; Bobcat

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.50, **No. of teeth** 10, 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112268 Starter

Replacing: 10461463; 10465044; 1107540; 1113274; -90; -597; 1998340; -50; -57; -73; -468; -484; 10479607; 11125

Servicing: New Holland; Massey Ferguson; Allis Chalmers; Hyster

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 229.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT. Oil sealed.



112269 Starter

Replacing: 10479600; 1998351; 0-23000-2150; 10461459

Servicing: Lister

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 345.00, **No. of mount. holes** 3 (0), **A.** 88.70, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112341 Starter

Replacing: 10465013; -4; -53; -54; -130; -168; 1109219; -563; 1113266; -7; -9; -70; -95; -96; -589; -590; 19984

Servicing: Chevrolet; GMC

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 337.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 12.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 27MT, 28MT.



112344 Starter

Replacing: 65.26201-7050; 65262017050; 03111-5021; -0

Servicing: Daewoo

V. 12, **kW.** 2.5, **B+ / B-** M12, **L.** 298.00, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 41.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



112365 Starter

Replacing: s13-122; -6; -322; -326; 23300-1s900; 23300-54t00; 23300-90067; -9; 110566; 7383-10000; s13-126a

Servicing: Nissan

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 224.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112502 Starter

Replacing: 65.26201-7044; 03112-7021; 65262017044

Servicing: Daewoo

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 293.50, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 42.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112507 Starter

Replacing: im526; 0001414022; 0001416026; 19024026; 860520

Servicing: Volvo; Volvo Penta

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 385.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112546 Starter

Replacing: 12-098-03; 128000-7480; 228000-2640; 24-098-01; 10455513; 25-098-08; -9; am108390; 10455516; am13270

Servicing: Cub Cadet; John Deere; Kohler

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 205.60, **No. of mount. holes** 2 (0), **A.** 63.00, **B.** 8.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Abbrevations, see first pages.
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112582 Starter

Replacing: 10455703; -9; 128000-8110; -1

Servicing: Chevrolet

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 205.00, **No. of mount. holes** 2 (0), **A.** 37.90, **B.** 7.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112652 Starter

Replacing: 10461461; 10479605

Servicing: Detroit

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112653 Starter

Replacing: 10461460; 10479604; 0-23000-1990

Servicing: ; Clark

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.20, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT. Oil sealed.



112660 Starter

Replacing: 0001359045; -69; 0001362310; 0001367042; 1107862; -7; 26336; 27508; -56; -75; -86; -604; 529965ex; 1

Servicing: Case

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 333.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 48.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



112667 Starter

Replacing: 10465402; 10479614; 323-1188; f3ht11001ab; -c; F4HT11001AA; sa-802; sa802

Servicing: Ford

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 339.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



112668 Starter

Replacing: 1113284; 10461483; 0-23000-2070; 1113248

Servicing: Hough; Komatsu

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 338.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



112847 Starter

Replacing: 21020893; 21021366

Servicing: Saturn

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 209.35, **No. of mount. holes** 2 (0), **A.** 66.45, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: PG150.



112897 Starter

Replacing: 10455300; 1107237; -42; -47; -48; -59; -60; -301; -302; -306; -320; -336; -340; -370; -373; -374; -3

Servicing: Buick; Pontiac; American Motors; Cadillac; Chevrolet; Jeep; Mercruiser

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 8.70, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: PG250, -260.



112898 Starter

Replacing: 10455066; 9000776; -806; -882; 12564109; 9000878; 10465546; 12567398; 323-1449; 10465309; 323-501; 1

Servicing: Chevrolet; Buick; Oldsmobile; Pontiac; GMC

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 236.40, **No. of mount. holes** 2 (0), **B.** 19.50, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: PG250, -260.



112899 Starter

Replacing: 12564089; 9000856

Servicing: Chevrolet; Saturn; Pontiac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 212.40, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 31.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: PG260D.



112900 Starter

Replacing: 9000833; -59; 10465384; -459; 323-1062; -396; 9000847; 10465542

Servicing: Chevrolet; Pontiac; Oldsmobile; Buick; GMC; Isuzu

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 218.00, **No. of mount. holes** 2 (0), **A.** 68.20, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: PG260F1.



112901 Starter

Replacing: 24506694; 9000836; -57; 10465421; 323-1191

Servicing: Chevrolet; Pontiac; Buick; Oldsmobile

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 2 (0), **A.** 68.20, **B.** 8.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: PG260F2.



112902 Starter

Replacing: 9000854; -37; -73; 10465463; 12563908; 323-1400; 12560672; 9000842; -925; 12573853; 9000939; 323-148

Servicing: Chevrolet; GMC; Buick; Cadillac

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.40, **No. of mount. holes** 2 (0), **A.** 67.00, **B.** 10.20, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: PG260F2.



112903 Starter

Replacing: 9000872; 10465525; 12563718; 323-1437

Servicing: Buick; Chevrolet; Oldsmobile; Pontiac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 221.00, **No. of mount. holes** 2 (0), **A.** 68.30, **B.** 19.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: PG260G.



112904 Starter

Replacing: 9000775; -805; -862; 10465294; 323-489; 10465523; 12563919; 323-1432; 9000876

Servicing: Cadillac; Oldsmobile

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 242.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 32.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: PG260L, -260M.



112905 Starter

Replacing: 10465527; 12563863; 323-1446; 9000875; -926; 323-1476

Servicing: Chevrolet; Oldsmobile; GMC; Buick

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 2 (0), **A.** 82.30, **B.** 29.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: PG260L.



112906 Starter

Replacing: 9000834; -66; 10465385; 323-1063; 12563907; 89000853; 9000853

Servicing: Chevrolet; Pontiac; GMC; Cadillac

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 246.15, **No. of mount. holes** 2 (0), **A.** 67.70, **B.** 19.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: PG260M.



112907 Starter

Replacing: 9000804; 10465386; 323-1145; 10465521; 12563916; 323-1430; 9000874

Servicing: Chevrolet; Oldsmobile; Pontiac

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 2 (0), **A.** 82.40, **B.** 16.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: PG260M.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



112908 Starter

Replacing: 9000827; -900; 10465422; 323-1192; 9000865; 12570256; 12563965

Servicing: Oldsmobile

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 235.00, **No. of mount. holes** 3 (0), **A.** 67.50, **B.** 8.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: PG260M.



112909 Starter

Replacing: 10455021; 1109551; 1998447; -529; 10465036; 323-319; -430

Servicing: Buick; Oldsmobile; Pontiac

V. 12, **B+ / B-** M10, **L.** 247.85, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 5MT.



112910 Starter

Replacing: 1998466; -527; -548; 323-287

Servicing: Chevrolet; Pontiac

V. 12, **B+ / B-** M10, **L.** 274.00, **No. of mount. holes** 2 (0), **A.** 69.80, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 5MT.



112911 Starter

Replacing: 10455010; -25; -48; -55; -60; -81; 1109564; 1998429; -502; -503; -504; -533; 24507410; 10465494; 323

Servicing: Isuzu; Oldsmobile; Chevrolet; Buick; Pontiac; Cadillac; GMC

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 270.00, **No. of mount. holes** 2 (0), **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112912 Starter

Replacing: 10455065; 10465389; 12558851; 323-1064; -5

Servicing: Chevrolet; GMC; Cadillac

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 268.80, **No. of mount. holes** 2 (0), **A.** 65.50, **B.** 9.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112913 Starter

Replacing: 10455076; 10465097; 10455012; 10465435; 323-1205; 323-473; 10465079

Servicing: Hyster; Buick; Cadillac; Chevrolet; Pontiac; Oldsmobile

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 251.60, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 2.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: SD260.



113006 Starter

Replacing: 9000812; -64; 10465375; 323-528

Servicing: GMC

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 237.60, **No. of mount. holes** 3 (0), **A.** 76.30, **B.** 13.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: PG260M.



113007 Starter

Replacing: 0001368059; 1113272; 1998519; 11.130.662; -797; 10461444; re51725; re52150; re522738; 11.131.274; az

Servicing: John Deere

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 33.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



113008 Starter

Replacing: 1113287; 10461467; 10479620; 10465055; -315; 1113286; 323-448; 10461452; 10465173; 10479619; 323-449

Servicing: Agco Allis

V. 12, **kW.** 4.0, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 24.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



113009 Starter

Replacing: 10461487; 10465057; 1113297; 323-450

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 338.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 19.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.



113010 Starter

Replacing: 10461464; 10479608; -12

Servicing: Lister

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 341.50, **No. of mount. holes** 3 (0), **A.** 88.50, **B.** 46.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.



113011 Starter

Replacing: 10461471; 10479628; 35258820

Servicing: John Deere

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 32.70, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



113101 Starter

Replacing: 128000-4910; 4428221; 3604630rx; 3912084; 19011812; 323-546; 128000-4911

Servicing: Cummins; Dodge

V. 12, **kW.** 2.5, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 46.35, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



113102 Starter

Replacing: 10455003; 1998538; 128000-3180; -1; -2

Servicing: Cadillac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (0), **A.** 38.00, **B.** 11.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113103 Starter

Replacing: 10455702; 10465024; 1998578; 323-417; 128000-4950; -1

Servicing: Chevrolet

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 38.00, **B.** 7.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113122 Starter

Replacing: 21020761; D6RA65; -85; D6RA185; -65; 21023232; 10465298; 21024332; 323-490; D6RA84

Servicing: Saturn

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.10, **No. of mount. holes** 2 (0), **A.** 66.35, **B.** 18.15, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113123 Starter

Replacing: 1990308; 1993738; -59; -89; -850; -855; 10461005; -44; 323-818; -39

Servicing: Chevrolet; GMC

V. 12, **kW.** 1.4, **B+ / B-** M12, **L.** 403.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 37MT, 41MT. Oil sealed.



113124 Starter

Replacing: 1990312; 1993761; -818; -880; 10461108

Servicing: International; Caterpillar; Cummins

V. 12, **B+ / B-** 1/2" UNC, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 43.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 37MT, 41MT. Oil sealed.

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



113125 Starter

Replacing: 1990347; 1993767; -854; 10461011; 323-840; E9HT11001BA; E9HZ11002A; sa-764a; 10461006; sa764a

Servicing: Ford; New Holland

V. 12, **B+ / B-** 1/2" UNC, **L.** 401.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet

Replacing: 37MT, 41MT. Oil sealed.



113126 Starter

Replacing: 1993963; 10461081; 10478806; 323-879

Servicing: Chevrolet; GMC; Kenworth; Ford; Caterpillar

V. 12, **B+ / B-** 1/2" UNC, **L.** 434.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 46.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Replacing: 37MT, 41MT. Oil sealed.



113131 Starter

Replacing: 128000-0490; 94039465; 94052175; 1811002340; -1; 2912559020; 8971197490; 128000-0491; -2

Servicing: Isuzu

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 319.50, **No. of mount. holes** 3 (0), **A.** 105.00, **B.** 40.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113153 Starter

Replacing: 10461028; 1990355; -91; -93; -421; -428; -484; 1993776; 10461055; 323-864; 10479030; -62; 10478964;

Servicing: Freightliner

V. 12, **kW.** 7.5, **B+ / B-** 1/2" UNC, **No. of mount. holes** 3 (0), **A.** 91.85, **B.** 45.25, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 42MT. w/ overcrank protection thermostat.



113172 Starter

Replacing: 1108443; 1109418; -23; -39; 228000-5860; -1; -2; 7x1057; 128000-6870; 655293; 1107335; 1108493; 2200

Servicing: Hyster; Caterpillar; Yale

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 249.00, **No. of mount. holes** 2 (0), **A.** 88.70, **B.** 46.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 10MT. Oil sealed.



113189 Starter

Replacing: 111445; 6011-10250

Servicing: Clark

V. 12, **kW.** 2.5, **B+ / B-** M10, **No. of mount. holes** 3 (0), **A.** 87.65, **B.** 41.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113225 Starter

Replacing: sa-786; 323-516; f1vy11002a; sa786; f2vu11000ab; sav786rm

Servicing: Ford Usa; Lincoln; Mercury

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 14.35, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113256 Starter

Replacing: d7r40; 455957

Servicing: Opel; Renault; Vauxhall

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 3 (2), **A.** 71.20, **B.** 0.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113384 Starter

Replacing: 1990333; 10478828; 1109276; -81; -82; -625; -627; -769; 1990226; -46

Servicing: Caterpillar

V. 32, **B+ / B-** 1/2" UNC, **L.** 518.75, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 50MT.



113429 Starter

Replacing: 028000-7430; -1; 128000-4340; 128000-5620; 10461645; 10465537; 3283813; 3675245; 3920328; 87419387;

Servicing: Case; Cummins

V. 12, **kW.** 4.2, **B+ / B-** M10, **L.** 326.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 47.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113435 Starter

Replacing: 10479611; 0-23000-1940; 323-408; 10461453; 10465015; 1113591

Servicing: Hummer; Various

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 336.50, **No. of mount. holes** 2 (0), **A.** 82.00, **B.** 7.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 28MT.



113452 Starter

Replacing: 10461466; 3918376; 3604654; 10479617; 0-23000-2260

Servicing: Agco White

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 338.50, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 45.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Replacing: 28MT.



113550 Starter

Replacing: 10461334; -753; 19011518; -21; -30; 8200033; -40; 10461777; 19011516; 428000-1220; -1; 19011506; 428

Servicing: Mack

V. 12, **kW.** 6.2, **B+ / B-** M12, **L.** 402.80, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.00, **No. of teeth** 11, 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: 39MT.



113679 Starter

Replacing: 9000885

Servicing: Clark

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 243.00, **No. of mount. holes** 2 (0), **B.** 18.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

Replacing: PG260L.



113682 Starter

Replacing: 19011400; 10461770; 8200010

Servicing: Freightliner; Ford; Sterling

V. 12, **kW.** 3.3, **B+ / B-** M10, **L.** 307.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 46.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Replacing: 29MT.

113725 Starter

Replacing: 128000-2270; 128000-3120; 10465540; 128000-0211; -0; -2; -3; -540; -541; -542; -543; 128000-9500; -1

Servicing: Case

V. 12, **kW.** 2.5, **B+ / B-** M10, **L.** 300, **No. of mount. holes** 2 (0), **A.** 88.60, **B.** 49.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** DD

113728 Starter

Replacing: 8n11001; -2; 9N11001; -2; 1831810

Servicing: Ford

V. 6, **No. of teeth** 9

113811 Starter

Replacing: 9000890

V. 12, **kW.** 1.2, **No. of teeth** 9, **Gear** GR

113826 Starter

Replacing: 10461768; 19026027; 8200076; 8300021

Servicing: Ford; Freightliner

V. 12, **kW.** 4.6, **No. of teeth** 10, **Gear** GR

Abbrevations, see first pages.
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113827 Starter

Replacing: 19026026; -30; 8000000; 8300025; 8200000; 19023060; 8200072

V. 24, **kW.** 7.6, **No. of teeth** 12, **Gear** GR



113850 Starter

Replacing: 0001416059; 4772059; im559; 139; AZK5467

Servicing: Volvo Bm

V. 24, **kW.** 5.4, **B-** M10, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 47.50, **No. of teeth** 9, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Oil sealed.



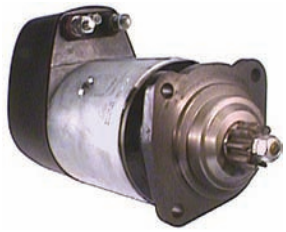
113851 Starter

Replacing: M9T80472; 19011501

Servicing: Mercedes-Benz

V. 24, **kW.** 6.2, **B-** M6, **B+ / B-** M12, **L.** 348.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.70, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry

Miscellaneous



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110592 Starter

Replacing: im609; 0001410007; -17; -18; -34; 0001417009; 1105179; 22705; R22.09; im342

Servicing: Mercedes-Benz; Fortschritt

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 420.00, **No. of mount. holes** 0 (0), **A.** 55.20, **B.** 37.30, **No. of teeth** 11, **Rotation** CR, **Drive type** Bronze, **Gear** DD



110601 Starter (repl.111248)

Replacing: im131; im16/1; im21-5/24; im321; -513; 0001402043; 0001410029; 0001414017; 0001415010; 0001416013; b

Servicing: Mercedes-Benz; Steyr

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.25, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110367 Starter

Replacing: 9000141100; -3; -11; -12; 532002; -10; -17; 6128; -72; -87; -227; 6231a; -b; -c; -d; mta12-14; -9; m

Servicing: Renault; Volvo; Daf; Dacia

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110640 Starter

Replacing: 0001359091; 11.130.127; -409; azj3115; -516; -534; 27440; dm2120; -30; -34; 0001367014; 11.130.198;

Servicing: Man; Fiat-Allis; Allis Chalmers; Long

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 310.00, **No. of mount. holes** 3 (0), **A.** 110.00, **B.** 26.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110866 Starter

Replacing: 534032; -47; d9e278; d9e46; -55; -68; -78; -79; 7700572689; 7700650287; 7700694096; 7700750305; -6;

Servicing: Renault

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 197.65, **No. of mount. holes** 3 (2), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112503 Starter

Replacing: 0351-602-0410; -3; A0091544302

Servicing: Komatsu

V. 24, **kW.** 7.5, **B+ / B-** M10, **L.** 403.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113130 Starter

Replacing: 0350-552-0328; 28100-1542; 28100-1542b; 28100-1900; 0350-402-0113; -210; -211; 028000-9760; 0350-552

Servicing: Hino

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 296.00, **No. of mount. holes** 2 (1), **A.** 105.00, **B.** 32.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

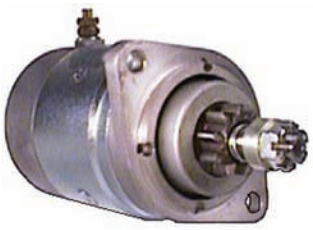


110637 Starter

Replacing: 0001160002; m0101

Servicing: Lombardini

V. 12, **kW.** 0.4, **B+ / B-** M6, **L.** 182.25, **No. of mount. holes** 2 (0), **A.** 62.00, **B.** 29.40, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111645 Starter

Replacing: mo101/10; 7552264

Servicing: Fiat; Lancia; Alfa Romeo; Same; Lombardini

V. 12, **kW.** 0.4, **B+ / B-** M6, **No. of mount. holes** 2 (0), **A.** 62.00, **B.** 28.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111646 Starter

Replacing: pn001/3

Servicing: ; Lombardini

V. 12, **kW.** 0.2, **B+ / B-** M6, **L.** 181.00, **No. of mount. holes** 2 (0), **B.** 14.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111789 Starter

Replacing: es110fus

V. 12, **kW.** 0.4, **B+ / B-** M5, **L.** 194.00, **No. of mount. holes** 2 (0), **A.** 49.70, **B.** 17.00, **No. of teeth** 18, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112161 Starter

Replacing: es200s

Servicing: Selva

V. 12, **kW.** 0.35, **B+ / B-** M5, **L.** 182.00, **No. of mount. holes** 2 (0), **A.** 62.00, **B.** 29.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112250 Starter

Replacing: m0101pse

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 182.50, **No. of mount. holes** 2 (0), **A.** 62.00, **B.** 28.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112339 Starter

Replacing: pn0001

V. 12, **kW.** 0.3, **B+ / B-** M6, **L.** 180.00, **No. of mount. holes** 2 (0), **B.** 18.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

Trucks / coaches



113737 Starter

Replacing: pn0001a

Servicing: Lombardini

V. 12, **kW.** 0.2, **B+ / B-** M6, **L.** 180.50, **No. of mount. holes** 2 (0), **A.** 68.25, **B.** 14.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112312 Starter

Replacing: 33605; -6; 35763; 35763a; 36463; -680; 33306

Servicing: Tecumseh

V. 12, **kW.** 0.48, **B+ / B-** 1/4" UNF, **L.** 166.50, **No. of mount. holes** 4 (0), **B.** 34.50, **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112564 Starter

Replacing: 32468; 32468a; -b; 35765; 35765a

Servicing: John Deere; Tecumseh

V. 12, **B+ / B-** M6, **L.** 166.50, **No. of mount. holes** 4 (0), **A.** 59.00, **B.** 33.00, **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112565 Starter

Replacing: 36795; -264

Servicing: Tecumseh

V. 12, **kW.** 0.5, **B+ / B-** M6, **L.** 172.00, **No. of mount. holes** 2 (0), **A.** 43.50, **B.** 30.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112566 Starter

Replacing: 36914; 37425; 36914

Servicing: Tecumseh

V. 12, **kW.** 0.5, **B+ / B-** 1/4" UNC, **L.** 186.00, **No. of mount. holes** 2 (0), **B.** 41.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112569 Starter

Replacing: 33290; 33290a; -b; -c; -d; -e; 33517; 33517a; -b; 34601; 34601a; -b; -c; 35251; -601; 35601a

Servicing: Tecumseh

V. 120, **L.** 145.00, **No. of teeth** 9, **Rotation** ACR, **Gear** DD

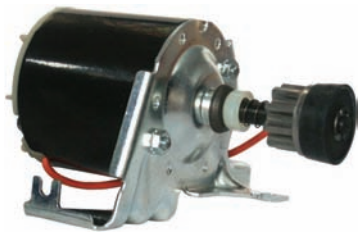


112570 Starter

Replacing: 30867; 30867a; -b; 31562; 32356; -86; 32386a; 32423; -901; 33328a; -b; -c; -d; 33358; -518; 33518a;

Servicing: ; Tecumseh

V. 120, **B+ / B-** Plug, **L.** 175.00, **No. of mount. holes** 4 (0), **A.** 46.00, **B.** 25.00, **No. of teeth** 16, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

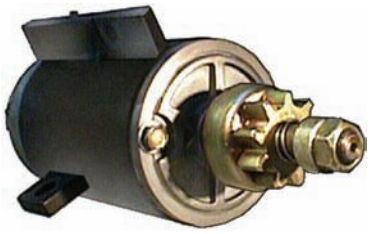


113018 Starter

Replacing: 35709; 34934; 35707

Servicing: ; Tecumseh

V. 12, **B+ / B-** Plug, **L.** 150.00, **No. of mount. holes** 2 (0), **B.** 38.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110240 Starter

Replacing: 383691; 386657; -71; 391735; 585050; -8; -197; 586281; mgd4106; -10; -15; poa4001; -2; 0261027-m030s

Servicing: Johnson

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 209.00, **No. of mount. holes** 1 (0), **A.** 63.40, **B.** 44.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD

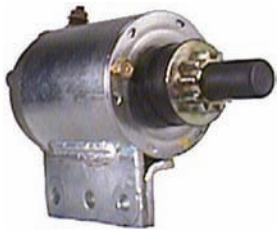


110241 Starter

Replacing: 1113510; -8; -52; -53; -69; -77; 50-29105; 50-30829; 50-32403; -11; 50-37345; 50-37345a1; 50-38890;

Servicing: Mercury

V. 12, **kW.** 0.8, **B+ / B-** 1/4" UNC, **L.** 210.00, **No. of mount. holes** 2 (2), **A.** 54.00, **B.** 0.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110510 Starter

Replacing: am34248; am37869; 45-098-03; -7; 45-099-07; 51-098-01; a236396; a237131; -510; -534; 0599424-m030sm;

Servicing: John Deere

V. 12, **kW.** 0.5, **B+ / B-** M6, **L.** 182.55, **No. of mount. holes** 3 (0), **B.** 39.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

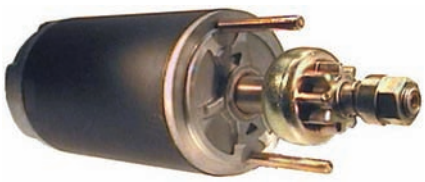


110634 Starter

Replacing: 390838; 391423; 392749; 394805; 497595; sm01965; smo1965; 497594; 693054; am37352; am39137; am122337

Servicing: Briggs & Stratton

V. 12, **kW.** 0.65, **B+ / B-** 1/4" UNC, **L.** 170.00, **No. of mount. holes** 3 (0), **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110636 Starter

Replacing: 480955; 616955; 50-616955-1; mgl4002; -13; -14; mkw4005; sm44120; 50-819085; 4412040M030SM; 5273440M

Servicing: Chrysler

V. 12, **kW.** 0.6, **B+ / B-** 1/4" UNC, **L.** 262.00, **No. of mount. holes** 2 (2), **A.** 63.30, **B.** 64.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110638 Starter

Replacing: 1113519; 191-0687; mdw4104m; mdw4304; sm44119; 57-5955

Servicing: Force; Chrysler

V. 12, **B+ / B-** M6, **L.** 246.75, **No. of mount. holes** 0 (0), **A.** 76.35, **B.** 45.00, **No. of teeth** 11, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110644 Starter

Replacing: 385529; 386465; 389380; -954; 391554; 393988; 582048; -155; 585196; mgl4109; mkw4001; poc4001; 01399

Servicing: Johnson

V. 12, **kW.** 0.6, **B+ / B-** 1/4" UNC, **L.** 228.00, **No. of mount. holes** 2 (0), **A.** 63.00, **B.** 44.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110645 Starter

Replacing: 387094; 395207; 711d1130c; mjl4005; 4786240-m030sm; sm08142; sm47862; 585062; 586288; 4786240MO30SM;

Servicing: Johnson

V. 12, **kW.** 0.9, **B+ / B-** 1/4" UNC, **L.** 253.00, **No. of mount. holes** 1 (0), **A.** 63.50, **B.** 43.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110647 Starter

Replacing: 384163; 387684; 389275; 583482; 585056; -63; 586279; mcd4007; mgd4007; mgd4007a; mgd4013; -113; mkw4

Servicing: Johnson; Evinrude

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 208.00, **No. of mount. holes** 3 (0), **A.** 63.30, **B.** 44.70, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD, **Clutch type** Dry



110648 Starter

Replacing: 50-57485; 50-60315; 50-65436; 50-66015; mgd4108; mgd4108a; mgl4001b; 0144620-m030sm; 0996220-m030sm;

Servicing: Mercury; Mariner

V. 12, **kW.** 0.7, **B+ / B-** 1/4" UNC, **L.** 263.00, **No. of mount. holes** 1 (0), **A.** 54.80, **B.** 48.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD

Abbrevations, see first pages.
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110649 Starter

Replacing: 50-57465; -867; 50-72467; mgl4012; mjl4002; mjl4002a; 1065221-m030sm; 1065240-m030sm; 1147840-m030sm

Servicing: Mercury

V. 12, **kW.** 0.8, **B+ / B-** M6, **L.** 290.00, **No. of mount. holes** 1 (0), **A.** 54.80, **B.** 45.30, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110650 Starter

Replacing: 50-44414; 50-77141; 50-79472; 1491640-m030sm; sm14916; sm48204; 1491624-mo30sm; 4820440-mo30sm; 50-7

Servicing: Lancia; Mercury

V. 12, **kW.** 0.8, **B+ / B-** M6, **L.** 291.00, **No. of mount. holes** 1 (0), **A.** 55.00, **B.** 47.30, **No. of teeth** 8, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110652 Starter

Replacing: 1113517; -78; -79; 50-30842; -955; 50-31976; 50-37274; 50-45822; -82; 50-48405; -643; 50-52682; 50-5

Servicing: Mercury

V. 12, **B+ / B-** 1/4" UNC, **L.** 283.00, **No. of mount. holes** 2 (2), **A.** 53.80, **B.** 47.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110654 Starter

Replacing: 50-73521; 1097028-m030sm; 4820221-m030sm; 4820240-m030sm; sm10970; sm48202; 50-44369; 4820340-m030sm

Servicing: Mercury

V. 12, **kW.** 1.7, **B+ / B-** 1/4" UNC, **L.** 240.00, **No. of mount. holes** 1 (0), **A.** 54.50, **B.** 47.50, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110714 Starter

Replacing: PN11-18-400; PN22-18-400; m2t51281; -2; m2t52281; 1090040

Servicing: Mazda

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 235.50, **No. of mount. holes** 2 (2), **A.** 88.00, **B.** 2.85, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



110949 Starter

Replacing: 45-098-12; 52-098-03; -9; -12; 1770540-m030sm; 5213140-m030sm; sm18190; 5209812; 1819040-mo30sm; 566

Servicing: Bobcat; Kohler

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 215.25, **No. of mount. holes** 0 (0), **A.** 63.40, **B.** 45.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



110999 Starter

Replacing: 0001420001; -3; -4; -5; -9; -13; 0r5207; -70; 25900; 2p2501; 2s0900; 2s900; 3p0006; -7; -110; 3p3006

Servicing: Volvo; Peterbilt Trucks; Fiat-Allis; Case; Various; Caterpillar

V. 24, **kW.** 7.5, **B+ / B-** M12, **L.** 499.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 46.50, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD

Replacing: 42MT. Oil sealed.



111012 Starter

Replacing: 41-098-04; -6; 9al3921g; sm47330; SM56666; 4109806; 4733040-mo30sm; 5666640-mo30sm; 5666640mo30sm; 4

Servicing: Massey Ferguson; Kohler

V. 12, **kW.** 0.5, **B+ / B-** M8, **L.** 201.00, **No. of mount. holes** 0 (0), **B.** 39.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111043 Starter

Replacing: 277432; 278024; -232; 378674; 379091; -818; 380139; -238; -239; 381864; 385401; 386591; -7; 392133;

Servicing: Evinrude; Johnson

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 200.50, **A.** 63.30, **B.** 43.50, **No. of teeth** 11, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



111700 Starter

Replacing: 41-098-10; 45-098-10; a236292; a237132; -511; 0599540-m030sm; 5665740-m030sm; sm05995; smh12a3; -5;

Servicing: Kohler

V. 12, **B+ / B-** M6, **L.** 183.00, **No. of mount. holes** 2 (0), **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



111701 Starter

Replacing: am37725; 45-098-04; -5; 48-098-02; a277214; -599; 5665940-m030sm; sm15745; smh12c1; 4809804; am34753

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 251.25, **No. of mount. holes** 4 (3), **A.** 69.60, **B.** 56.30, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111702 Starter

Replacing: am34361; 41-098-01; -3; -8; 45-098-01; 52-098-07; a232981; a234193; 4372740-m030sm; sm43727; smh12a1

Servicing: Cub Cadet; John Deere; Kohler

V. 12, **kW.** 0.5, **B+ / B-** M8, **L.** 182.70, **No. of mount. holes** 2 (0), **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112145 Starter

Replacing: 391511; 396235; 397023; 584799; 4769040-m030sm; 5671440-m030sm; 586289; -411; 5769040-mo30sm; sm5671

Servicing: Johnson; Omc

V. 12, **kW.** 0.5, **B+ / B-** 1/4" UNF, **L.** 267.20, **No. of mount. holes** 2 (0), **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112146 Starter

Replacing: 50-819968a1; -2; 50-831001957; 5667640-m030sm; 50-819968; 50-819968-1; sm56676; 5667640MO30SM

Servicing: Mercury

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 265.50, **No. of mount. holes** 0 (0), **A.** 77.00, **B.** 62.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD, **Clutch type** Dry



112150 Starter

Replacing: 12-098-06; -9; -12; 5239740-m030sm; 5278440-m030sm; 5667040-m030sm; 12-098-21; 5239740MO30SM; 527844

Servicing: Cub Cadet; Kohler

V. 12, **B+ / B-** 1/4" UNC, **L.** 202.00, **No. of mount. holes** 2 (0), **B.** 17.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112154 Starter

Replacing: 393570; 585060; 4730940-m030sm; 0586285ds00; 586285; 4730920-mo30sm; 5705040-mo30sm; sm47309; sm5705

Servicing: Omc; Chrysler; Dodge

V. 12, **B+ / B-** M6, **L.** 228.50, **No. of mount. holes** 3 (0), **B.** 46.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112156 Starter

Replacing: 583473; 585059; 5704940-m030sm; 5071240M030SM

Servicing: Evinrude; Johnson

V. 12, **B+ / B-** 1/4" UNF, **L.** 200.90, **No. of mount. holes** 0 (0), **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112157 Starter

Replacing: 432925; 586286; 5249840-m030sm; 438878; 586257; 6858540-M030SM; 586287; 5249840mo30sm

Servicing: Johnson; Omc

V. 12, **B+ / B-** 1/4" UNC, **L.** 187.00, **No. of mount. holes** 2 (2), **A.** 36.50, **No. of teeth** 0, **Rotation** CR, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.

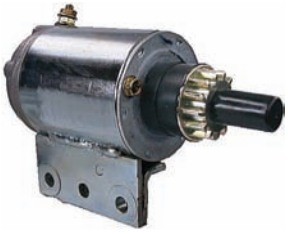


112244 Starter

Replacing: 12-098-04; -8; -13; 5225040-m030sm; 5278340-m030sm; 5666940-m030sm; sm56669; 12-098-19; 5225040MO30S

Servicing: Johnson

V. 12, **B+ / B-** M6, **L.** 188.50, **No. of mount. holes** 2 (2), **B.** 17.50, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112245 Starter

Replacing: 45-098-06; -11; 1492540-m030sm; sm14925; 4509811; 5665840; 5665840-mo30sm; sm56658; 1492540mo30sm; 5

Servicing: Cub Cadet; Massey Ferguson

V. 12, **B+ / B-** M6, **L.** 182.00, **No. of mount. holes** 2 (0), **B.** 38.30, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112247 Starter

Replacing: 50-90983a1; -t1; -83a; 5216040-mo25sm; 5216040-mo30sm; sm20521; sm52160; 5367; 5216040mo25sm; 521602

Servicing: Mercury

V. 12, **B+ / B-** M5, **L.** 186.00, **No. of mount. holes** 2 (2), **B.** 71.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112546 Starter

Replacing: 12-098-03; 128000-7480; 228000-2640; 24-098-01; 10455513; 25-098-08; -9; am108390; 10455516; am13270

Servicing: Cub Cadet; John Deere; Kohler

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 205.60, **No. of mount. holes** 2 (0), **A.** 63.00, **B.** 8.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112567 Starter

Replacing: 191-0933; SM10795; 4754840m030sm; SMH12B81; sm47548; 1079540MO30SM

Servicing: Ford

V. 12, **B+ / B-** 1/4" UNC, **L.** 210.00, **No. of mount. holes** 2 (0), **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



112568 Starter

Replacing: 52-098-04; -11; SM18191; SM56663; 5209811; 1819140-mo30sm; 5666340-mo30sm; 5666340mo30sm; 1819140M03

Servicing: John Deere; Kohler

V. 12, **B+ / B-** 1/4" UNC, **L.** 230.00, **No. of mount. holes** 0 (0), **B.** 46.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



112825 Starter

Replacing: sm52756; 5275640-M030SM; 50-818445; 5275640Mo30SM

Servicing: ; Mariner

V. 12, **B+ / B-** M8, **L.** 275.25, **No. of mount. holes** 2 (0), **B.** 36.00, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112826 Starter

Replacing: sm56756; 50-822462; 50-8224621; 50-822462t1; 5675640-mo30sm; 5396; 5675640mo30sm; 5675620mo30sm

Servicing: Mercury

V. 12, **B+ / B-** M6, **L.** 231.00, **No. of mount. holes** 2 (2), **B.** 33.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112827 Starter

Replacing: sm56769; 50-820193; 5676940-m030sm; 5676940MO30SM

Servicing: ; Force

V. 12, **B+ / B-** M6, **L.** 248.00, **No. of mount. holes** 2 (0), **B.** 32.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112828 Starter

Replacing: sm11495; 46-0955; 51-4955; 50-514955; 50-514955-1; 1149540-M030SM; MDO4108; MDO4108A; 1149540MO30SM

Servicing: ; Chevrolet; Force; Chrysler

V. 12, **B+ / B-** M6, **L.** 203.70, **No. of mount. holes** 0 (0), **A.** 63.50, **B.** 42.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112829 Starter

Replacing: sm67675; 50-830308; 50-859169t; 6767540-m030sm; 50-888151

Servicing: Mercury

V. 12, **B+ / B-** 1/4" UNC, **L.** 212.80, **No. of mount. holes** 2 (0), **B.** 33.60, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD, **Clutch type** Dry



112830 Starter

Replacing: 6743040-M030SM; 50-854636T

Servicing: Mercury; Mariner

V. 12, **B+ / B-** M6, **L.** 231.00, **No. of mount. holes** 2 (0), **B.** 46.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112831 Starter

Replacing: sm56664; 52-098-13; sm52132; 52-098-06; -10; sm21349; 5209813; 5666440-mo30sm; 2134940-M030SM; 52132

Servicing: Cub Cadet; Kohler

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 246.50, **No. of mount. holes** 2 (0), **A.** 63.50, **B.** 41.40, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112832 Starter

Replacing: sm60194; 191-1630; 191-2132; -58; 191-1667; sm60138; -917; 6013840-M030SM; 6013840Mo30SM; 6019440mo3

Servicing: Onan

V. 12, **kW.** 0.6, **B+ / B-** M6, **L.** 233.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 37.00, **No. of teeth** 16, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113014 Starter

Replacing: 884932; -82; 883282; -5; 884218; 885002; 893191; sm20200; sm50681; -861; sm57104; 2020040-M030SM; 50

Servicing: Omc; Lincoln

V. 12, **B+ / B-** M6, **L.** 235.00, **No. of mount. holes** 3 (3), **A.** 70.00, **B.** 14.90, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113015 Starter

Replacing: 191-1529; -67; 4367240-M030SM; 4379040-m030sm; sm43672; -790; 4367240MO30SM; 4379040MO30SM

Servicing: Cub Cadet; John Deere; Onan; New Holland; Toro

V. 12, **B+ / B-** M6, **L.** 228.75, **No. of mount. holes** 2 (0), **B.** 27.40, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD, **Clutch type** Dry



113016 Starter

Replacing: 5082740-m030sm; sm50827; 191-1828; 5082740MO30SM

Servicing: John Deere; Cub Cadet; Onan

V. 12, **B+ / B-** M6, **L.** 230.90, **No. of mount. holes** 2 (2), **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113017 Starter

Replacing: 12-098-10; 25-098-03; -6; 5667140-M030SM; 25-098-04; -5; -7; 6727040mo30sm; 5667140Mo30SM; am120729;

Servicing: John Deere

V. 12, **B+ / B-** M6, **L.** 181.00, **No. of mount. holes** 2 (0), **B.** 30.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry

Abbrevations, see first pages.
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113149 Starter

Replacing: 50-819271; 5274040-m030sm; sm52740; 5274040mo30sm

Servicing: Ford

V. 12, **B+ / B-** 1/4" UNC, **L.** 241.00, **No. of mount. holes** 2 (0), **B.** 45.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113476 Starter

Replacing: 191-2312; sm60209; 191-1798; 6020940-M020SM; 6088420mo30sm

Servicing: Onan

V. 12, **B+ / B-** M8, **L.** 176.00, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 25.50, **No. of teeth** 24, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113524 Starter

Replacing: 386430; 586276; 0203323-M020SM; 0203323-m030sm; 0203740-m030sm; 0203323Mo20SM; sm02033; 0203323mo30s

Servicing: Evinrude; Johnson

V. 12, **B+ / B-** M5, **L.** 184.95, **No. of mount. holes** 2 (0), **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD, **Clutch type** Dry



113590 Starter

Replacing: 5398; 584818; 586277; 5711640-m030sm; sm57116

Servicing: Johnson; Evinrude

V. 12, **B+ / B-** M6, **No. of mount. holes** 2 (0), **No. of teeth** 10, **Drive type** Bronze



113591 Starter

Replacing: 5362; 50-834749; 50-859171t; 6743240-m030sm; sm67432

Servicing: ; Mercury; Mariner

V. 12, **B+ / B-** 1/4" UNC, **L.** 231.00, **No. of mount. holes** 2 (0), **B.** 34.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



113592 Starter

Replacing: 50-852570; 50-852570t; 50-857065; 6873740-m030sm; sm68737

Servicing: ; Mercury; Mariner

V. 12, **B+ / B-** 1/4" UNC, **L.** 217.00, **No. of mount. holes** 2 (0), **B.** 35.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



113594 Starter

Replacing: 31200-zj1-004; 31200-zj4-003; 5680640

Servicing: Honda

V. 12, **kW.** 0.6, **B+ / B-** 1/4" UNC, **L.** 188.00, **No. of mount. holes** 2 (0), **B.** 9.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Bronze, **Gear** DD



113854 Starter

Replacing: 20-098-01; -6; lg693551; 20-098-05; 2009805; 1053720mo30sm

Servicing: New Holland

V. 12, **B+ / B-** 1/4" UNC, **L.** 186.00, **No. of mount. holes** 0 (0), **A.** 58.00, **B.** 23.00, **No. of teeth** 14, **Rotation** ACR, **Drive type** Bronze, **Gear** PMDD



110149 Starter

Replacing: 9000692069; FE50-18-400E; mc109039; m3t24481; -2; m3t24482a; m3t24483; -5; -6; m3t24486a; m3t24487;

Servicing: Mazda; Mercury

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 198.00, **No. of mount. holes** 3 (2), **A.** 74.00, **B.** 15.00, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110205 Starter

Replacing: im380; -641; 0001411008; -12; 0001417041; 9000084019; -24; 2311210; 19024075; 08280; 81460046; 46593

Servicing: Volvo

V. 24, **kW.** 6.5, **B+ / B-** M12, **L.** 403.50, **No. of mount. holes** 3 (0), **A.** 90.50, **B.** 47.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD
Waterproof.



110315 Starter

Replacing: 36100-21730; -40; -50; 36100-22000; m39646; mc109018; -25; m2t40081; m2t41081; m2t47281; m3t25783; -

Servicing: Mitsubishi; Hyundai; Proton; Kia; Volvo Penta; Dodge; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 188.93, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 18.40, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110336 Starter

Replacing: 0001208219; -513; -521; -706; -715; -718; 0001211049; -206; -228; -513; -533; -989; b001111025; 1539

Servicing: Ford; Mercury; Triumph

V. 12, **kW.** 0.75, **B+ / B-** M8, **L.** 224.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 28.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110338 Starter

Replacing: r80z; mts12-22; 4198600; -1; 46231525; 77145430; aze0201; aze1501; 9141325; 63220701; -21; -31; -41;

Servicing: Fiat; Lancia; Zastava

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 254.00, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 12.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110339 Starter

Replacing: 0001211213; -4; -6; -7; -30; -31; -33; -34; -35; -36; -38; -502; -503; -510; -511; -527; -528; 90006

Servicing: Audi; VW

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 228.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 14.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD
Bushing D.E. (clutch house): Cargo 140018.



110340 Starter

Replacing: 0001211204; -5; -9; -10; -18; -19; -20; -47; -48; -59; 5133270; m3t80071; 63221304; -34; -437; d9e11

Servicing: Audi; VW

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 229.90, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry
Bushing D.E. (clutch house): Cargo 140018.



110341 Starter

Replacing: 0001208038; -9; -53; -54; -202; -229; 1202008; -21; -34; -35; -49; -100; -101; -951; -957; d9e124; 9

Servicing: Opel; Vauxhall; Bedford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 260.00, **No. of mount. holes** 2 (0), **A.** 77.85, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110354 Starter

Replacing: d9r91

Servicing: Land Rover

V. 12, **kW.** 3.1, **B+ / B-** M8, **L.** 273.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 21.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110363 Starter

Replacing: 0001211012; -3; -4; -992; -993; -997; -998; 9000042021; -7; -34; 9000082009; 9007042024; r007042024;

Servicing: VW; Porsche; BMW

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 214.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD
Bushing D.E. (clutch house): Cargo 140008.

Abbrevations, see first pages.
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110364 Starter

Replacing: 0001155009; -10; -16; -17; 0001157001; -2; -3; -4; -9; -10; -12; -13; -25; -29; 163; -71; 3471143; -

Servicing: Opel; Vauxhall

V. 12, **kW.** 0.65, **B+ / B-** M8, **L.** 229.50, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110365 Starter

Replacing: 9000141101; -7; e80c; r80.02; mta12-39; mts12-29; -39; -42; -48; 4229113; -4; 4401806; 46231504; 597

Servicing: Fiat; Lancia; Seat; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 3 (3), **A.** 62.00, **B.** 12.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110367 Starter

Replacing: 9000141100; -3; -11; -12; 532002; -10; -17; 6128; -72; -87; -227; 6231a; -b; -c; -d; mta12-14; -9; m

Servicing: Renault; Volvo; Daf; Dacia

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 200.00, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110368 Starter

Replacing: 0001362001; -2; -29; -30; -47; -600; 9000143406; -8; 19024239; -49; 11.130.300; -99; -885; azj3107;

Servicing: Mercedes-Benz; Seat; Audi; Volvo

V. 12, **kW.** 2.3, **B+ / B-** M10, **L.** 289.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 18.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110389 Starter

Replacing: R201-18-400; R201-18-400B; RF01-18-400; RFL1-18-400; mg122404; m2t92071; m2t92071a; 128000-0040; 228

Servicing: Mazda; Suzuki; Ford; Asia Motors; Kia

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 3 (2), **A.** 88.00, **B.** 6.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

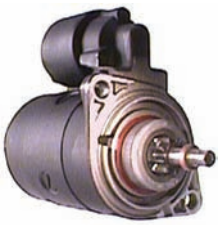


110394 Starter

Replacing: 0001112032; 9000333121; m1t72481; m1t72481zc; m1t72483; m1t72483zc; m1t74581; m3t34781; -2; m3t38981

Servicing: Suzuki; Geo; Chevrolet

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (0), **A.** 65.85, **B.** 4.35, **No. of teeth** 8, 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110410 Starter

Replacing: 0001211223; -4; -55; -56; 9000692015; r80.03; r80g; 11.130.334; azf3527; 25349; -50; -51; 26604; -6;

Servicing: VW; Austin; Rover; Mg

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 219.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 34.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): Cargo 140008.



110439 Starter

Replacing: 0001362008; 9000143400; 6127; -232; s12-85; -7; 10.130.141; 11.130.074; -194; -408; -711; azj0404; a

Servicing: Massey Ferguson; Buhrer; Compair; Eicher

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 309.50, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD

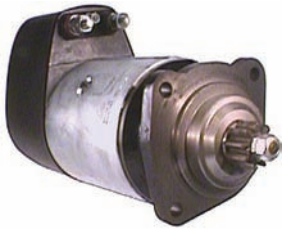


110479 Starter

Replacing: 36100-11110; -20; -30; -40; -50; mc107012; -23; m3t32585; md016920; 36100-21000

Servicing: Mitsubishi; Hyundai

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 189.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 17.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110565 Starter

Replacing: 19024817; 538502; -5; s12-73; s13-73; s13-73b; s13-74; 11.130.076; -200; -373; -386; -411; -419; -50

Servicing: Massey Ferguson; Eicher

V. 12, **kW.** 2.8, **B+ / B-** M8, **L.** 313.00, **No. of mount. holes** 3 (0), **A.** 88.80, **B.** 29.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110576 Starter

Replacing: 36100-41012; hsg232500; mg232415; m2t66871; -2; -3; m2t67871; -2; -3; -81; -82; -83; -84; me017034;

Servicing: Mitsubishi

V. 24, **kW.** 3.2, **B+ / B-** M8, **L.** 243.00, **No. of mount. holes** 2 (0), **A.** 60.00, **B.** 19.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110578 Starter

Replacing: KG21-18-400; S210-18-400; S211-18-400; mg120416; a3t66073; m2t54371; -2; m2t60071; -2; -3; m3t66071;

Servicing: Mazda; Ford

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 241.00, **No. of mount. holes** 3 (1), **A.** 89.95, **B.** 41.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



110584 Starter

Replacing: 0001112007; -19; -29; -41; 91536242; 95624960; 95667752; -3; 96028857; 9605219380; 9608719280; 53405

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 3 (1), **A.** 65.70, **B.** -7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



110585 Starter

Replacing: 0001208515; -7; -26; -28; -717; 9000333117; 534029; -31; -42; -43; -57; 11.130.208; -346; -582; -790

Servicing: Renault; Volvo

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 214.15, **No. of mount. holes** 4 (4), **A.** 66.00, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110587 Starter

Replacing: 0001208516; -707; 9150747780; -880; 9150864480; -580; 95508644; 95607229; 534039; 8293; -4; 11.130.2

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 3 (3), **A.** 66.05, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



110774 Starter

Replacing: 0001208203; -5; -14; -406; 534003; 6244; -5; moc12-4; mta12-8; m3t19371; 95675; d8e134; d9e18; -87

Servicing: Talbot

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 245.00, **No. of mount. holes** 3 (0), **A.** 82.40, **B.** 11.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110783 Starter

Replacing: 5490011; -422; 5491588; 75491615; -68; 95493755; 95495509; 95580182; 534009; 536001; 6236; -9; moc12

Servicing: Citroen

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 275.00, **No. of mount. holes** 3 (3), **A.** 98.35, **B.** 37.20, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

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110790 Starter

Replacing: mtd12-18; 555848; d9e11; -45; d9e7; d9e95

Servicing: Peugeot; Talbot

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 3 (0), **A.** 71.75, **B.** 43.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110793 Starter

Replacing: 0001208211; 533002; 6189; -90; -212; moc12-2; 11.130.245; -375; azf3518; -43; d8e104; -22; -24; d8e7

Servicing: Peugeot; Fiat; Citroen

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 220.50, **No. of mount. holes** 2 (2), **A.** 66.00, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110794 Starter

Replacing: 0001208228; 9000142002; 532014; 6220; -47; d8e117; -37; -51; 310008V; -17X; -18Y; 76591N; 77406S; 96

Servicing: Renault; Citroen; Peugeot; Talbot; Austin

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** 14.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110795 Starter

Replacing: 532009; -18; moc12-13; d8e142; d9e26; -37; -41

Servicing: Renault; Volvo; Daf

V. 12, **kW.** 0.8, **B+ / B-** M8, **No. of mount. holes** 3 (0), **A.** 66.00, **B.** 11.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110796 Starter

Replacing: 7910014193; -4; 9150457580; 95580165; 532020; 6216; moa12-13; moa12-8; 555806; 558006; d8e107

Servicing: Citroen; Peugeot; Talbot

V. 12, **kW.** 0.7, **B+ / B-** M8, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** 16.10, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110797 Starter

Replacing: 0001208213; -506; 9150136780; 532011; 533001; 534045; -9; 11.130.246; -431; azf3519; -52; m3t19971;

Servicing: Peugeot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 258.50, **No. of mount. holes** 3 (3), **A.** 80.00, **B.** 25.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110807 Starter

Replacing: s114-550; s114-550a; kk0218400; kk37018400a; kk40118400; kky0218400; ky0218400; mb30118400c; hsc1081

Servicing: Mazda; Opel; Kia; Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 197.25, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 20.50, **No. of teeth** 8, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110808 Starter

Replacing: mb35918400a; 1em008802; m43196; mc108024; -9; mc109021; -8; -36; m3t24482h; m3t24482hc; m3t24482j; -

Servicing: Mazda; Kia; Ford

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 3 (2), **A.** 74.00, **B.** 14.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



110809 Starter

Replacing: 36100-42010; -1; hsg120500; mg120413; -906; m2t56171; -81; -82; -85; m2t57271; -3; m2t62971; m3t6107

Servicing: Mitsubishi; Proton; Hyundai; Dodge

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 241.45, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 0.00, **No. of teeth** 10, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



110810 Starter

Replacing: m42373; F225-18-400A; mp112038; m1t71281; m1t71281a; m1t71281ac; m1t71281b; m1t71281zc; m1t71881; m1

Servicing: Mazda; Kia; Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 3 (2), **A.** 73.50, **B.** 16.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



110811 Starter

Replacing: 31600-32540; 36100-32500; -10; -20; -630; hsp112110; mg112014; mp112040; m1t70481; -2; -3; m1t70483z

Servicing: Dodge; Mitsubishi; Hyundai; Kia; Mazda; Eagle; Plymouth

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 206.50, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 17.25, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



110818 Starter

Replacing: 0001362060; 11.130.630; -972; azj3204; -347; 26071; -133; -167; -173; -278; -917; 27413; -23; -63; n

Servicing: Case; Fiat-Allis; Massey Ferguson

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 309.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 24.60, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



110821 Starter

Replacing: 5491077; 75491623; 75492269; -638; 95493129; 95494263; 95580174; gx0610501b; gx0610501br; gx0610502a

Servicing: Citroen

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 275.00, **No. of mount. holes** 2 (0), **A.** 59.00, **B.** 40.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110822 Starter

Replacing: 0001208508; -702; 9000141113; 534004; -5; -7; mtv12-8; m3t19571; d8e133; -47; d9e19; -28; -31; -32;

Servicing: Talbot

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 3 (0), **A.** 82.50, **B.** 12.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110824 Starter

Replacing: 0001311041; -118; -122; -136; -137; -140; -141; -142; -143; s114-297; m1t50071; d10e75; -81; -83; 03

Servicing: Audi; VW; Porsche

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 255.50, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 20.60, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110829 Starter

Replacing: 9000334101; 5491163; 75491453; 75492472; 95492868; 95493934; 95494430; 95580166; 3471366; 532012; mt

Servicing: Citroen

V. 12, **kW.** 0.65, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 18.85, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** DD



110830 Starter

Replacing: 0001208209; -27; 9000142001; 532000; -8; d8e139; 7700621108; 7700622748; 7700669221; 7701024176; 770

Servicing: Renault

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 3 (0), **A.** 82.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110835 Starter

Replacing: d10e59; d8e115; -32; d9e100; -200; -300; d9e81; 7700260505; 7700268275; 7700749770; 7700751495; 7701

Servicing: Renault; Delorean

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 197.50, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** 7.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
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110836 Starter

Replacing: 0001110005; 0001311132; 0001314026; 4392461; 46231603; -5; 5933930; 5996771; 7587118; 7597118; 77337

Servicing: Fiat; Seat; Lancia

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 266.00, **O1** 113.00, **O2** 75.00, **O3** 79.00, **No. of mount. holes** 3 (3), **A.** 82.40, **B.** 22.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



110837 Starter

Replacing: 9000142003; 9000333104; -6; 9751377680; 97517545; m3t19771; -871; m3t39781; -881; d9e131; -2; d9e43;

Servicing: Citroen; Peugeot; Talbot; Rover

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 222.00, **O1** 105.00, **O2** 68.00, **O3** 80.00, **No. of mount. holes** 3 (0), **A.** 74.50, **B.** 5.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110856 Starter

Replacing: 532021; -3; 6136; -85; -219; mta12p-7; 11.130.034; -134; aze0303; a3t02192; d8e111; -30; -31; d8e54;

Servicing: Renault

V. 12, **kW.** 0.6, **B+ / B-** M8, **L.** 208.50, **No. of mount. holes** 2 (0), **A.** 66.00, **B.** 21.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110860 Starter

Replacing: 95580183; 95619195; 532003; -4; d9e86; d9e861; 7701348482; 7701499220; -34

Servicing: Renault; Citroen; Peugeot

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 253.00, **O1** 125.45, **O2** 85.50, **O3** 84.60, **No. of mount. holes** 3 (0), **A.** 80.00, **B.** -6.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



110865 Starter

Replacing: 0001208709; -10; -11; -12; -13; -14; 0001211504; -5; 9000082050; -9; b001180009; m3t80571; d9e136; 0

Servicing: Audi; VW

V. 12, **kW.** 0.95, **B+ / B-** M8, **L.** 228.75, **O1** 74.30, **O2** 74.30, **O3** 105.00, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140500



110866 Starter

Replacing: 534032; -47; d9e278; d9e46; -55; -68; -78; -79; 7700572689; 7700650287; 7700694096; 7700750305; -6;

Servicing: Renault

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 197.65, **No. of mount. holes** 3 (2), **A.** 66.00, **B.** 10.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



110958 Starter

Replacing: 36100-21770; hsc109120; tm000a0191; m39376; mc109032; m2t48081; m3t42781; m3t42781zc; m3t43481; md16

Servicing: Mitsubishi; Hyundai; Dodge; Eagle; Plymouth

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 188.50, **O1** 105.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 10.80, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



111015 Starter

Replacing: 0001107033; -62; 0001108129; d6ra22; -52; 58101330; 58401940; 63521070

Servicing: Lombardini

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 216.25, **O1** 105.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 15.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111025 Starter

Replacing: 0001211536; 19024838; 534053; r80k; 46231510; 5999906; 7612952; 7621040; 76221040; 77305430; 11.130.

Servicing: Fiat; Lancia; Autobianchi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 199.25, **No. of mount. holes** 3 (2), **A.** 64.25, **B.** 11.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111029 Starter

Replacing: 0001108074; -112; -162; 95656490; 96017849; 11.130.787; d7r1; d7r11; d7r3; AZE2548; 96288707; 960871

Servicing: Citroen; Peugeot; Rover; Nissan

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 207.00, **O1** 119.30, **O2** 84.90, **O3** 85.25, **No. of mount. holes** 3 (1), **A.** 62.00, **B.** -3.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111047 Starter

Replacing: 859252; 0001359119; 0001367049; d11e67; 1359119; 1367049; 1542195; 1545417; 3581774; 5001759; AZJ333

Servicing: Volvo; Volvo Penta

V. 12, **kW.** 3.1, **B+ / B-** M8, **L.** 302.75, **O1** 126.85, **O2** 89.90, **O3** 89.90, **No. of mount. holes** 3 (0), **A.** 88.85, **B.** 47.70, **No. of teeth** 9, 11, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** GR



111052 Starter

Replacing: 12411266737; 12411269696; 12411271749; 12411272150; 12411352502; -4; 12411715230; 12411717174; 00013

Servicing: BMW; Ford

V. 12, **kW.** 1.5, **B+ / B-** M8, **L.** 261.00, **O1** 105.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 28.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111053 Starter

Replacing: 0001211227; -32; -512; -535; 6029039; 77fb11000ba; 79fb11000ac; 81ab11000aa; -b; -db; -ea; -eb; -fa;

Servicing: Ford

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 271.50, **O1** 119.45, **O2** 82.30, **O3** 87.00, **No. of mount. holes** 3 (3), **A.** 74.00, **B.** 0.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111055 Starter

Replacing: 0001112008; 0001157024; -8; -30; 150; -68; -72; -77; 3471150; -68; -72; -77; -393; 11.130.266; -580;

Servicing: Opel; Vauxhall; Pontiac

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 229.50, **O1** 104.70, **No. of mount. holes** 2 (0), **A.** 67.95, **B.** 18.25, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111056 Starter

Replacing: 0001208224; 155; 3471155; -377; -394; 394; 11.130.352; azf3534; 1202027; -8; -113; -954; 90140179; d

Servicing: Opel; Vauxhall

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 243.50, **O1** 112.80, **No. of mount. holes** 2 (1), **A.** 82.40, **B.** 17.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111058 Starter

Replacing: 0001113001; -2; 0001211525; -6; -9; -30; s114-554; s114-554a; 63221305; -6; -35; -535; d9e114; 03691

Servicing: VW; Seat; Audi

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 215.50, **O1** 104.20, **O2** 74.05, **O3** 74.05, **No. of mount. holes** 3 (2), **A.** 82.35, **B.** 14.75, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Bushing D.E. (clutch house): cargo 140500



111059 Starter

Replacing: 0001106002; 0001107007; -8; 0001112003; -4; 0001114005; -6; 0001208416; -7; -8; -9; 0001211257; -8;

Servicing: VW; Seat

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 230.00, **O1** 31.50, **O2** 110.80, **O3** 121.40, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 33.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry

Bushing D.E. (clutch house): Cargo 140008.



111063 Starter

Replacing: 9000333114; d9e70; d9e701; -2; d9e85; d9e851; -2; 7700625428; -9; 7700715102; 7700740076; 7700759289

Servicing: Renault; Citroen; Peugeot

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 208.00, **O1** 126.50, **O2** 87.00, **O3** 87.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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111064 Starter

Replacing: 9000333109; 534023; -44; 11.130.244; -590; aze3559; azf3517; -59; d9e56; -66; -74; 7700681068; 77013

Servicing: Renault; Volvo

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** 11.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111065 Starter

Replacing: 0001218006; -21; -108; -165; b001233121; -72; -261; 0031512901; 0031519801; 0041513501; 0041515601;

Servicing: Mercedes-Benz; Ssangyong; Daewoo

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 276.00, **No. of mount. holes** 2 (2), **A.** 82.30, **B.** 26.50, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



111066 Starter

Replacing: 0001208507; 95607233; 534046; -50; d9e36; -54; -61; -62; 310023W; 77612430; 94612K; 9151139080; 5558

Servicing: Citroen; Peugeot; Fiat; Talbot

V. 12, **kW.** 1.05, **B+ / B-** M8, **L.** 197.00, **No. of mount. holes** 2 (2), **A.** 65.90, **B.** 22.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111068 Starter

Replacing: 0001208226; -518; 9151424580; 534048; 11.130.029; -218; -395; aze0304; aze3513; azf3549; d9e53; -64;

Servicing: Citroen; Peugeot; Talbot

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 212.25, **No. of mount. holes** 3 (3), **A.** 65.85, **B.** 15.65, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



111070 Starter

Replacing: 0001108183; 0001110017; -56; 0001314034; 95514125; 95607234; 11.130.642; aze2521; 9141404; m0t80082;

Servicing: Citroen; Peugeot; Talbot; Fiat; Lancia; Suzuki; Hyundai

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 229.80, **No. of mount. holes** 3 (3), **A.** 64.60, **B.** -6.50, **No. of teeth** 10, 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111100 Starter

Replacing: 9000141015; -104; 5426014; 5433495; 5490308; 5491448; 75491723; 75492566; 95494247; 95580161; 6202;

Servicing: Citroen

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 207.75, **No. of mount. holes** 2 (0), **A.** 65.60, **B.** 19.80, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



111101 Starter

Replacing: d10e43; -8; -63; -76; -80; 7700680639

Servicing: Renault

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 287.25, **No. of mount. holes** 3 (0), **A.** 81.90, **B.** 20.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111104 Starter

Replacing: 0001211024; -5; -207; -208; -987; 534002; 63221303; -33; d8e109; -26; 0001108081

Servicing: Alfa Romeo

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 3 (0), **A.** 61.90, **B.** 10.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111106 Starter

Replacing: 0001208408; 9000333112; 534027; -8; 4469985; -6; -7; 4470118; 46231575; 5959702; 77510430; 63221400;

Servicing: Fiat; Lancia; Seat

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 232.00, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 22.40, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



111109 Starter

Replacing: 0001362081; 9150803080; 9151082480; azj3591; 27455; 555833; 558033; d11e179; -84; -91; 0001218015

Servicing: Peugeot; Talbot

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 293.00, **No. of mount. holes** 3 (0), **A.** 89.15, **B.** 21.25, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111110 Starter

Replacing: 0001208510; d9e69; 7700751200; 7700758172; 7708758173

Servicing: Renault

V. 12, **kW.** 0.85, **B+ / B-** M8, **L.** 221.00, **No. of mount. holes** 3 (3), **A.** 82.00, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111111 Starter

Replacing: 0001218022; -106; -129; 886b11000aa; 88gb11000aa; d9r135

Servicing: Ford

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 273.75, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 22.20, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111114 Starter

Replacing: d9r73; 7700764429; 7701352055; 7701381644

Servicing: Renault; Jeep

V. 12, **kW.** 3.1, **B+ / B-** M8, **L.** 257.75, **No. of mount. holes** 3 (3), **A.** 75.00, **B.** -9.50, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111115 Starter

Replacing: 0001218003; -20; 9558385480; 95619197; d9r90

Servicing: Citroen; Peugeot; Talbot

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 281.00, **No. of mount. holes** 3 (3), **A.** 97.75, **B.** 37.50, **No. of teeth** 11, 12, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111116 Starter

Replacing: 555801; 558001; d9e101; d9e38

Servicing: Peugeot

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 65.90, **B.** 20.60, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111123 Starter

Replacing: 0001106015; 0001112015; -35; 96208781; 10455506; 9000795; aze1515; 1202127; -37; -42; -72; -73; -74;

Servicing: Vauxhall; Opel; Daewoo; Chevrolet

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 208.00, **No. of mount. holes** 2 (0), **A.** 67.95, **B.** 18.55, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111124 Starter

Replacing: d10e88; d10e881; -2; d10e89; 7700747741; 7700757741; 7700851490; 5002699

Servicing: Renault; Citroen; Eagle

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 256.50, **No. of mount. holes** 3 (3), **A.** 65.40, **B.** 4.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



111125 Starter

Replacing: d9r89; 0001218100

Servicing: Peugeot; Talbot; Ldv International; Daf

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 257.50, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 21.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR

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111127 Starter

Replacing: 0001108053; -93; 169; -73; 3471169; -73; 9000700; -51; -56; -58; -72; -85; -91; -802; x16478; 104650

Servicing: Opel; Vauxhall; Pontiac

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 183.00, **No. of mount. holes** 2 (0), **A.** 68.00, **B.** 18.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR
Replacing: PG100.



111129 Starter

Replacing: 0001108086; -138; 0001111164; b001111164; 95656488; d6ra12; -72; d6ra721

Servicing: Citroen; Peugeot

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 212.65, **No. of mount. holes** 3 (2), **A.** 62.85, **B.** 3.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111130 Starter

Replacing: 0001107019; -63; 95656487; 95667754; 96035033; 9613015980; 9613230280; 9615519880; 9619310280; d6ra1

Servicing: Citroen; Peugeot; Fiat; Lancia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 198.50, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111131 Starter

Replacing: 0001112012; -6; -33; -37; 0001113003; -5; -9; 0001114014; -20; 9000333118; -9; 6157876; 6816676; 85a

Servicing: Ford; Austin; Rover; Mazda

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 208.75, **No. of mount. holes** 3 (3), **A.** 76.15, **B.** 13.45, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111135 Starter

Replacing: 0001311108; m3t24181; d9e17; 8309643; 8319618; 8545873; -81

Servicing: Saab

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 162.25, **No. of mount. holes** 2 (0), **A.** 89.00, **B.** 7.50, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111196 Starter

Replacing: 15221-63014; -5; -6; 15435-63012; 15707-63011; 028000-7480; -1; 028000-3360; -1; 15221-63017; -0; mg

Servicing: Kubota

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 231.35, **No. of mount. holes** 2 (0), **A.** 82.45, **B.** 24.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111201 Starter

Replacing: 443115144702; 444115144702; 9144702; d11e118; -46

Servicing: Avia

V. 12, **kW.** 2.9, **B+ / B-** M10, **L.** 326.65, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD



111231 Starter

Replacing: im653; 0001417053; -61; 19024080; 11.139.030; azk5189; d13e107; -10; d13e110te; d13e111; d13e117te;

Servicing: Renault V.i.

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 88.95, **B.** 40.25, **No. of teeth** 12, **Insulator** D, **Rotation** CR, **Drive type** Steel, **Gear** DD



111241 Starter

Replacing: 36100-35010; -50; mg112022; mp112041; m1t71381; -2; m1t71382zc; m1t72581; -3; m1t72583g; m1t79081; m

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.80, **No. of mount. holes** 2 (2), **A.** 72.95, **B.** 17.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111242 Starter

Replacing: 36100-35510; hsp112140; mp112043; m1t73283; m1t78981; md172864; m1t73281; md162843; md309472; md3622

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.00, **No. of mount. holes** 2 (2), **A.** 73.00, **B.** 10.25, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111246 Starter

Replacing: JE01-18-400A; JE48-18-400; JE01-18-400; JE01-18-400B; JE16-18-400; JE26-18-400; m1t74381; m1t75181;

Servicing: Mazda

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 248.30, **No. of mount. holes** 3 (3), **A.** 66.90, **B.** 17.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** GR



111251 Starter

Replacing: 0001107047; 11.130.956; m2t13281; m2t48381; 7700100647; 7700274351; 7700352049; 7700796488; 77008538

Servicing: Renault; Volvo; Dacia

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 208.20, **No. of mount. holes** 4 (4), **A.** 64.90, **B.** -2.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111305 Starter

Replacing: 36100-32640; mp112033; -42; m0t70381; m1t73381; m1t73381zc; m1t73383; m1t73383zc; md162840; md172861

Servicing: Mitsubishi; Hyundai; Kia

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 206.85, **No. of mount. holes** 2 (2), **A.** 76.95, **B.** 9.25, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111306 Starter

Replacing: 36100-23000; -50; 36100-33000; tm000a07901; m52100; d6ra79; drra79; 20510204

Servicing: Hyundai; Kia

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.50, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 9.35, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111307 Starter

Replacing: 36100-23100; -50; tm000a08401; m53486; d6ra78; m53436; hsp112160

Servicing: Hyundai; Kia

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 207.15, **No. of mount. holes** 2 (2), **A.** 76.95, **B.** 16.65, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



111332 Starter

Replacing: 0001362025; -43; -306; -314; -341; 0001369017; f135902060010; x830100009; 11.130.669; -706; azj3218;

Servicing: Fendt; Renault

V. 12, **kW.** 3.0, **B+ / B-** M8, **L.** 293.55, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 19.45, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111333 Starter

Replacing: m1t74491; 7700260710; 7700759861; 7700862838; d6ra45; -53; 5002701

Servicing: Renault

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 208.55, **No. of mount. holes** 3 (3), **B.** 3.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111334 Starter

Replacing: d6ra7; d6ra15

Servicing: BMW

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 213.50, **No. of mount. holes** 2 (2), **A.** 62.00, **B.** 27.80, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111335 Starter

Replacing: d6ra55

Servicing: BMW

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 218.50, **No. of mount. holes** 2 (0), **B.** 15.25, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111347 Starter

Replacing: 0001107037; -48; -72; -403; 0001108003; -124; -149; b001111010; -100; -143; 0011516901; 0031512801;

Servicing: Mercedes-Benz; Ssangyong; VW; Daewoo

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 219.80, **No. of mount. holes** 2 (2), **A.** 82.35, **B.** 25.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111398 Starter

Replacing: 11.130.782; d9e51; AZF3566; 11.131.285; aze2160

Servicing: Bukh

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 215.00, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 21.00, **No. of teeth** 13, **Rotation** ACR, **Drive type** Steel, **Gear** DD

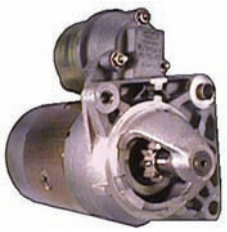


111404 Starter

Replacing: d6ra11; -40

Servicing: Volvo Penta

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 224.00, **No. of mount. holes** 2 (2), **A.** 82.45, **B.** 35.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111422 Starter

Replacing: 0001113006; 0001116005; 46518059; 7772459; 7785449; 7796598; 63101002; 63222888; -9; -936; 63223200;

Servicing: Lancia; Fiat

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 206.00, **No. of mount. holes** 3 (1), **A.** 64.00, **B.** 11.50, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** DD



111442 Starter

Replacing: 31200-pe1-670; -1; -2; -3; -4; 31200-pg6-911; 31200-pg6-9122m; 31200-pg6-914; -5; -6; 31200-pm2-j01;

Servicing: Rover; Honda; Acura

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 211.50, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111461 Starter

Replacing: 36100-42050; mg122433; m2t60171; -2; m2t61071; -2; md072654; md095865; md156989; md164977

Servicing: Mitsubishi; Hyundai; Dodge

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 3.50, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



111476 Starter

Replacing: mg120445; m2t57773; m2t74171; md140190; md164976; 36100-47600; m2t57771

Servicing: Mitsubishi; Hyundai; Kia

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 10.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111508 Starter

Replacing: md308088; d6ra76; 20510101; les0227

Servicing: Mitsubishi

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 2 (2), **A.** 70.95, **B.** 3.20, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111565 Starter

Replacing: hq808670; mg122202; m2t60185; m2t61171; m2t63171; md121581; md156987; md164978; md191437; m2t62771;

Servicing: Mitsubishi; Hyundai; Kia

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 239.25, **No. of mount. holes** 2 (2), **A.** 77.30, **B.** 10.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111619 Starter

Replacing: 0001110025; -82; 46231601; 5997309; 7580192; 77323430; d7r42; 8111509; 35258420; 9141385; 0001110125

Servicing: Fiat; Seat

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 268.50, **No. of mount. holes** 3 (3), **A.** 82.50, **B.** 24.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111641 Starter

Replacing: 0001116001; 7700864608; d7e1; 8111840; 11.131.088; aze1225

Servicing: Renault; Nissan

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 195.50, **No. of mount. holes** 2 (1), **A.** 64.00, **B.** 0.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111694 Starter

Replacing: 0001110066; -7; -106; -107; -108; -122; -123; -126; -127; -128; -129; 11.130.773; -911; aze2541; -78

Servicing: Audi; Ferrari; VW; Seat; Skoda; Multicar

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 270.00, **No. of mount. holes** 2 (2), **A.** 82.00, **B.** 16.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



111698 Starter

Replacing: 0001107015; -44; b001110042; 9000794; -817; 96208783; m0t86781; 1202138; -44; 90444193; 90458462; 90

Servicing: Opel; Man; Daewoo; Vauxhall; Saab

V. 12, **kW.** 1.1, **B+ / B-** M8, **No. of mount. holes** 2 (1), **A.** 82.50, **B.** 20.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



111768 Starter

Replacing: 0001115005; b001115020; 1121510001; A1121510001; 0001108213; -4; d7r36

Servicing: Mercedes-Benz

V. 12, **kW.** 1.7, **B+ / B-** M8, **No. of mount. holes** 2 (2), **A.** 60.00, **B.** 25.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111786 Starter

Replacing: 10465001; -9; -42; 1990719; 1998314; -513; 9000719; -35; -62; -68; -89; -819; -821; -851; -884; 50-8

Servicing: Mercury; Omc; Mercruiser

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 2 (0), **B.** 18.50, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111849 Starter

Replacing: 96275481; m0t81981; 31100-75f10; 31100-70b20; 96569440; 96518887; 10455503; tm000a23501; tm000a35301

Servicing: Suzuki; Daewoo; Chevrolet

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 184.50, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 6.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



111851 Starter

Replacing: 0001109014; -36; 0001110016; -75; -91; -112; 0031515001; 0041514501; 0041516501; 0041517001; 0041518

Servicing: Mercedes-Benz

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 255.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 25.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR

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111900 Starter

Replacing: 0001124001; -2; 1007765; 1059564; 95VW11000cb; -ga; 97VW11000aa; d7rs30; 02a911023j; -r; 02a911024;

Servicing: VW; Ford; Seat; Audi; Skoda; Fiat

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 235.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 53.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111905 Starter

Replacing: 0001218153; d7r23; 7700104346; 7700858114; -375

Servicing: Renault

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 237.00, **No. of mount. holes** 3 (2), **A.** 71.50, **B.** -7.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111909 Starter

Replacing: 0001121006; -7; 443115141313; 020911023f; 0001120402; 11.131.054; aze2623; 0001121028; d7es1; -5; 19

Servicing: Audi; VW; Seat; Ford; Skoda

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 3 (0), **A.** 76.25, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



111931 Starter

Replacing: 0041518501; 0051511101; 0051512101; d6ra83; d7e18; d7e4; -8; A0041518501; A0051511101; A0051512101;

Servicing: Mercedes-Benz; Mitsubishi

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 212.00, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 15.00, **No. of teeth** 8, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



111994 Starter

Replacing: 0001116003; m2t13081; 9626261480; 11.131.764; d7e7

Servicing: Citroen; Peugeot

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 194.00, **No. of mount. holes** 3 (1), **A.** 62.00, **B.** -4.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112053 Starter

Replacing: 0001218157; 0001223001; m2t80582; m2t84771; 9625382480; 0001218757; 5802H5; D7R57

Servicing: Peugeot; Citroen

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 272.50, **No. of mount. holes** 3 (3), **A.** 74.00, **B.** -6.00, **No. of teeth** 9, 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



112214 Starter

Replacing: 31200-p45-g01; -11; -s01; 31200-pt0-0031; 31200-pt0-005; 31200-pt1-t03; dr4u2; sm402-04; sm402-04n;

Servicing: Rover; Honda

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 40.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112217 Starter

Replacing: 31200-p1j-e010; 31200-p1j-e03; d6ra67; -80

Servicing: Rover; Honda

V. 12, **kW.** 1.0, **B+ / B-** M8, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.50, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



112218 Starter

Replacing: 7700104674; 7711134530; 8200049826; 8200082782; d7e19; -22; -26; d7e6; 8253504; -873; 6025008446; 11

Servicing: Renault

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 168.25, **No. of mount. holes** 3 (3), **A.** 60.45, **B.** -1.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112224 Starter

Replacing: 0001371004; d13hp601; 1332903; 571462; 860650

Servicing: Scania

V. 24, **kW.** 6.7, **B+ / B-** M12, **L.** 428.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112227 Starter

Replacing: d13hp709; m9t80271; d13hp613; 5010306000; 19024186

Servicing: Renault V.i.

V. 24, **kW.** 8.0, **B+ / B-** M10, **L.** 405.00, **No. of mount. holes** 3 (0), **A.** 92.00, **B.** 47.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112286 Starter

Replacing: 0001110076; -7; -98; -99; 0001124003; -4; 0001125005; -6; 11.130.723; aze2537; 9141395; 020911023b;

Servicing: VW; Seat; Ford; Audi; Skoda; Mercedes-Benz

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 236.00, **No. of mount. holes** 3 (0), **A.** 76.10, **B.** 32.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112289 Starter

Replacing: 0001211246; 9000082061; 4470377; -8; 46231535; -40; 5968605; 7589547; -655; 7666528; 77398430; 77603

Servicing: Fiat; Lancia; Innocenti

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 224.00, **No. of mount. holes** 3 (3), **A.** 64.20, **B.** 13.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD



112295 Starter

Replacing: 0001110003; -26; -89; -95; -114; b001117311; 11.130.646; aze2522; md329260; d10e85; -92; d10e921; d7

Servicing: Renault; Volvo; Mitsubishi; Porsche

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -0.50, **No. of teeth** 10, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



112322 Starter

Replacing: 36100-02511; -50; M56290; 36100-02500; TM000A31001; 36100-02555

Servicing: Hyundai; Kia

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 187.50, **No. of mount. holes** 2 (2), **A.** 75.00, **B.** 14.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



112342 Starter

Replacing: 36100-83010; m3t95071; -2; -3; -81; -82; m4t55076; me057200; -350; -845; -985; -990; m4t55077; mg255

Servicing: Hyundai; Mitsubishi

V. 24, **kW.** 5.5, **B+ / B-** M10, **L.** 368.00, **No. of mount. holes** 3 (0), **A.** 100.00, **B.** 68.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



112429 Starter

Replacing: 0001125018; -9; 1111210; ym2111000ba; d7rs50; 02m911023a; -c; -f; 0001125048; 915109D; 0001125049

Servicing: Audi; VW; Ford; Seat; Skoda

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 259.00, **No. of mount. holes** 2 (0), **A.** 76.00, **B.** 62.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



112440 Starter

Replacing: 0001218150; -6; -62; 0001223005; 0041516301; -701; 0041517101; 0051511301; 0051512901; d7r281; d7r43

Servicing: Mercedes-Benz

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 240.00, **No. of mount. holes** 2 (2), **A.** 82.50, **B.** 27.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.



112474 Starter

Replacing: 4414332; -402; 91167270; d7r44; -8; 7700116260; 8200054336; 8200075362; d7r47; -9; 8253786

Servicing: Renault; Volvo; Opel; Vauxhall; Nissan

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (2), **B.** -2.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112475 Starter

Replacing: 4506175; d7r34; 8200018818; d7r53; 8252889; D7G11; 8200106788

Servicing: Renault; Opel; Vauxhall; Nissan

V. 12, **kW.** 2.1, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 3 (0), **A.** 71.00, **B.** -6.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112476 Starter

Replacing: 31200-pda-e020; 31200-pga-e30m5; d6ra81

Servicing: Honda

V. 12, **kW.** 1.0, **B+ / B-** M8, **L.** 229.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 39.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



112541 Starter

Replacing: 0001218002; 9000331420; d11e172; 7700665613; d11e272; 7701351026

Servicing: Jeep; Fiat; Renault

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 273.00, **No. of mount. holes** 2 (1), **A.** 77.00, **B.** -7.00, **No. of teeth** 10, 12, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Wet



112651 Starter

Replacing: 0001364101; -300; azj0602; azj3221; 11.130.003; -30; -672; 94955E; d11e149

Servicing: Khd; Bosch

V. 24, **kW.** 4.8, **B+ / B-** M10, **L.** 351.50, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



112676 Starter

Replacing: s13-204; MG120558

Servicing: Komatsu; Yanmar

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 233.00, **No. of mount. holes** 2 (0), **A.** 95.00, **B.** 20.40, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113020 Starter

Replacing: tm000a14401; 36100-37210; m62957; 6870; LES0242

Servicing: Kia; Hyundai

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 216.50, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 10.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Wet



113024 Starter

Replacing: 128000-7470; 31200-pt0-900; -3; -5; -6; sm402-03; 31200-pt0-904; dr4u3; 128000-7471; sm402-15; SM402

Servicing: Honda

V. 12, **kW.** 1.6, **B+ / B-** M8, **L.** 211.00, **No. of mount. holes** 2 (0), **A.** 75.00, **B.** 33.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR



113040 Starter

Replacing: m3t44081; md301348; m3t44081zt; md301348g; m3t44181; md321445; 458522

Servicing: Mitsubishi

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 190.50, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 10.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Wet



113122 Starter

Replacing: 21020761; D6RA65; -85; D6RA185; -65; 21023232; 10465298; 21024332; 323-490; D6RA84

Servicing: Saturn

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 211.10, **No. of mount. holes** 2 (0), **A.** 66.35, **B.** 18.15, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113129 Starter

Replacing: m4t50073; me037330; m3t56071; -2; me037465; -636; me067611; me037150; m6t10673; m3t56082; me077407;

Servicing: Mitsubishi

V. 24, **kW.** 4.5, **B+ / B-** M10, **L.** 290.00, **No. of mount. holes** 2 (1), **A.** 110.00, **B.** 64.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113141 Starter

Replacing: 191-1682-04; 191-1804-04; 191-1808-04; m2t32581; 191-1808-06; m2t43681; -881; 191-1949-06; -8; m2t43

Servicing: Mitsubishi; New Holland; Onan

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 73.90, **B.** 29.50, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** DD



113254 Starter

Replacing: d6ra110; 428000-1640; 63280091

Servicing: Peugeot; Citroen

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 212.50, **No. of mount. holes** 4 (2), **A.** 62.50, **B.** 14.50, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113256 Starter

Replacing: d7r40; 455957

Servicing: Opel; Renault; Vauxhall

V. 12, **kW.** 1.8, **B+ / B-** M8, **L.** 236.50, **No. of mount. holes** 3 (2), **A.** 71.20, **B.** 0.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113261 Starter

Replacing: d13hp607; 5001831090

Servicing: Renault V.i.

V. 24, **kW.** 6.6, **B+ / B-** M10, **L.** 410.00, **No. of mount. holes** 3 (0), **A.** 101.80, **B.** 23.00, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



113262 Starter

Replacing: d13e120te; 5001014218

Servicing: Renault V.i.

V. 24, **kW.** 8.8, **B+ / B-** M10, **L.** 448.50, **No. of mount. holes** 3 (0), **A.** 101.80, **B.** 23.60, **No. of teeth** 12, **Rotation** CR, **Drive type** Steel, **Gear** DD



113267 Starter

Replacing: 0001116006; d7e31; -41; 23300-9f660; -00; -1; -2

Servicing: Nissan

V. 12, **kW.** 0.7, **B+ / B-** M8, **L.** 185.50, **No. of mount. holes** 2 (1), **A.** 69.90, **B.** 12.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



113307 Starter

Replacing: d6ra54; -19; -29; -34; -0; 186625

Servicing: Bukh; Lombardini

V. 12, **B+ / B-** M8, **L.** 223.00, **No. of mount. holes** 2 (0), **A.** 76.10, **B.** 27.00, **No. of teeth** 9, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



113387 Starter

Replacing: 0001124005; -6; d7rs31; 02b911023d; -l; 0001125001; -2; -11; -31; -32; 11.131.056; aze2625; D7RS131

Servicing: VW; Seat

V. 12, **kW.** 2.0, **B+ / B-** M8, **L.** 238.00, **No. of mount. holes** 3 (0), **A.** 76.00, **B.** 54.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR



113445 Starter

Replacing: md314167; m2t87171; m2t87171zt; m2t84171; m2t88071; md315548; md344183; md315547; m2t84571; 113326;

Servicing: Mitsubishi

V. 12, **kW.** 2.2, **B+ / B-** M8, **L.** 239.00, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 9.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113456 Starter

Replacing: 65.26201-7049; M000A0301

Servicing: Daewoo

V. 24, **kW.** 6.0, **B+ / B-** M10, **L.** 386.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113465 Starter

Replacing: 0001367302; 0001359008; -95; 0001367070; d11e119; 12760; d11e104; d11e119t; 0025841042; 5000049124;

Servicing: Renault V.i.

V. 12, **kW.** 3.0, **B+ / B-** M10, **L.** 338.00, **No. of mount. holes** 3 (0), **A.** 88.75, **B.** 22.50, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD, **Clutch type** Dry



113466 Starter

Replacing: 0001360050; 0001368070; -304; -306; 0001231009; 12900; 0001360013; 76517; d11e122; d11e99; 002584104

Servicing: Renault V.i.

V. 24, **kW.** 4.0, **B+ / B-** M10, **L.** 316.00, **No. of mount. holes** 3 (0), **A.** 88.90, **B.** 22.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** DD/GR, **Clutch type** Dry



113478 Starter

Replacing: 0001230003; re501693; re502156; re60641; 11.131.063; -121; aze4603; -20; 11.131.221; re516157; re684

Servicing: John Deere; Atlas Copco

V. 12, **kW.** 2.8, **B+ / B-** M10, **L.** 303.50, **No. of mount. holes** 2 (0), **A.** 82.50, **B.** 35.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry

Oil sealed.



113481 Starter

Replacing: 0001108051; -180; -182; -186; d6ra104; 0001108022; -143; 11.130.957; AZE2101; 7700106426; -763; 7700

Servicing: Renault; Chrysler; Opel; Vauxhall; Suzuki

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 231.00, **No. of mount. holes** 3 (3), **A.** 65.90, **B.** -1.00, **No. of teeth** 9, 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



113521 Starter

Replacing: 6869; tm000a13901; 36100-38090; M60082; -62

Servicing: Hyundai; Kia

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 213.00, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 18.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR



113605 Starter

Replacing: 0001107067; d6ra63; 3080846; 11.139.421; azd3522

Servicing: Volvo

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 216.00, **No. of mount. holes** 3 (3), **A.** 66.00, **B.** -1.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113638 Starter

Replacing: 6868; 36100-38050; M60081; tm000a13701; 6872; m1t84883zc; md356178; m356178d; m0t81181; md328235; m1

Servicing: Mitsubishi; Hyundai; Audi; Kia

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 194.50, **No. of mount. holes** 2 (2), **A.** 77.00, **B.** 10.50, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113659 Starter

Replacing: TM000A27301; TM000A37201

Servicing: Hyundai; Kia

V. 12, **kW.** 0.9, **B+ / B-** M8, **L.** 186.00, **No. of mount. holes** 2 (2), **A.** 76.90, **B.** 18.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



113719 Starter

Replacing: D6G1; D6G32; 46823548; 55204116

Servicing: Fiat; Lancia; Opel; Vauxhall

V. 12, **kW.** 1.3, **B+ / B-** M8, **L.** 201.00, **No. of mount. holes** 2 (1), **A.** 63.90, **B.** 24.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR

113727 Starter

Replacing: TM000A28901; 6685190; TM000A28901

Servicing: Bobcat

V. 12, **kW.** 2.7, **No. of teeth** 11

113735 Starter

Replacing: 6676958; TM000A29001

Servicing: Bobcat

V. 12, **kW.** 3.0, **No. of teeth** 10



113745 Starter

Replacing: DAC8837R; DBC1939N; vs371; dbc2937e; -n; 25755; -6; 0001110011; 25692

Servicing: Jaguar

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 267.00, **No. of mount. holes** 2 (1), **A.** 89.00, **B.** 26.70, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113773 Starter

Replacing: 0001121402; -3; D6GS14; 02M911023M; -G

Servicing: Audi; Seat; VW; Skoda; Renault

V. 12, **kW.** 1.1, **B+ / B-** M8, **L.** 210.00, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 62.00, **No. of teeth** 10, **Rotation** CR, **Drive type** Steel, **Gear** GR



113796 Starter

Replacing: TM000A31201; 36100-27510

Servicing: Hyundai

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 223.00, **No. of mount. holes** 2 (2), **A.** 82.40, **B.** 24.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113797 Starter

Replacing: TM000A33401; 1250295; 36100-2A000; -100; les0232

Servicing: Hyundai; Kia

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 223.40, **No. of mount. holes** 2 (2), **A.** 76.95, **B.** 16.85, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD

Abbrevations, see first pages.
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O.E.M. names and numbers are used for reference purposes only.



113805 Starter

Replacing: tm000a14301; LES0241; M62956; 36100-37110

Servicing: Hyundai; Kia

V. 12, **kW.** 1.2, **B+ / B-** M8, **L.** 213.00, **No. of mount. holes** 2 (2), **A.** 69.90, **B.** 18.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



113841 Starter

Replacing: 0001123014; -5; D7GS10; ts18e3; 02M911023N; -P

Servicing: Seat; Audi; VW; Skoda; Renault; Opel; Peugeot; BMW

V. 12, **kW.** 1.7, **B+ / B-** M8-1.25, **L.** 242.15, **No. of mount. holes** 2 (0), **A.** 76.15, **B.** 61.55, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR, **Clutch type** Dry



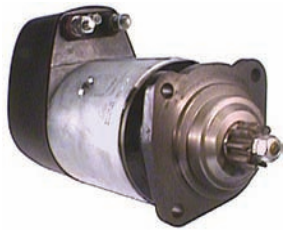
113842 Starter

Replacing: 0001123012; -3; D7GS8; TS18E1; 02Z911023F; -H

Servicing: Audi; Skoda; VW; Seat

V. 12, **kW.** 1.7, **B+ / B-** M8, **L.** 246.00, **No. of mount. holes** 2 (0), **A.** 76.20, **B.** 56.00, **No. of teeth** 10, **Rotation** ACR, **Drive type** Steel, **Gear** GR

Miscellaneous



110512 Starter

Replacing: im1; im1/1; im17/1; im320; -4/1; -522; -524; -547; -554; 0001402008; -37; -41; -55; -64; -75; -81; -

Servicing: Mercedes-Benz; Ahlmann; Irmer

V. 24, **kW.** 5.4, **B+ / B-** M10, **L.** 384.00, **No. of mount. holes** 3 (0), **A.** 89.00, **B.** 48.00, **No. of teeth** 9, **Rotation** CR, **Drive type** Steel, **Gear** DD

Trucks / coaches



113756 Starter

Replacing: d7ed28; D7ED281; 1661510001; A1661510001

Servicing: Mercedes-Benz

V. 12, **kW.** 0.8, **B+ / B-** M8, **L.** 169.00, **No. of mount. holes** 2 (0), **A.** 70.00, **B.** 15.00, **No. of teeth** 8, **Rotation** CR, **Drive type** Steel, **Gear** DD



112251 Starter

Replacing: 00e091; cer3087; 1027928; 1059179; 1073108; 1093471; 755f11000bb; 795f11000ca; 835f11000aa; 835fx110

Servicing: Ford; Ldv International

V. 12, **kW.** 2.3, **B+ / B-** M8, **L.** 258.00, **No. of mount. holes** 3 (0), **A.** 91.90, **B.** 19.00, **No. of teeth** 13, **Rotation** CR, **Drive type** Steel, **Gear** GR



113794 Starter

Replacing: 1s7u11000ab; -c; 1120214; 1140111; 1218885; 1S7U11000AD; 20-100-01023

Servicing: Ford

V. 12, **kW.** 1.4, **B+ / B-** M8, **L.** 251.00, **No. of mount. holes** 2 (0), **B.** 29.00, **No. of teeth** 11, **Rotation** CR, **Drive type** Steel, **Gear** GR



110433 DC Motor

Replacing: 0136500029; 0136501003; 19024658; -9; 36383; -4; 110432

V. 24, **kW.** 2.5, **O.D.** 115.00, **L.** 174.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100



111091 DC Motor

Replacing: 0136355081; 19024678; 36576; 24m1tp13; 24mb1twa; 24mb21m; 24mb21twa; 24mb22twa; 11.212.417; -958; am

V. 24, **kW.** 2, **O.D.** 117.00, **L.** 195.60, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/



111092 DC Motor

Replacing: 0136355080; 19024706; 36676; 12m1tp13; 12mb11m; 12mb11twa; 12mb12m; 12mb1cwa; -twa; 12mb1wa; 11.212.

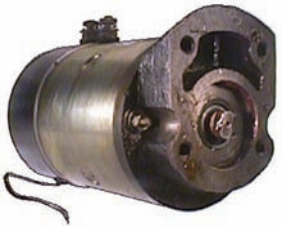
V. 12, **kW.** 2, **O.D.** 117.30, **L.** 195.45, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/



111207 DC Motor

Replacing: 0136355072; 1572

V. 24, **kW.** 1.5, **O.D.** 116.00, **L.** 189.50, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/



111466 DC Motor

Replacing: 0136355012; -4; -37; -38; -42; -57; -61; -67; 11.212.001; -626; 11.214.057; 11.216.208; amj5154; 142

Servicing: Volvo

V. 24, **kW.** 1.5, **O.D.** 112.00, **L.** 200.40, **Pulley** w/o, **Rotation** CR, **Insulated return** w/o



112311 DC Motor

Replacing: 0136350013; 19024714; 36579; -704; 11.212.108; amj5667; mue6102s; im0159

V. 12, **kW.** 2.1, **O.D.** 112.25, **L.** 196.75, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 1700, **Insulated return** w/



112572 DC Motor

Replacing: 0136602009; 11.212.106; amj4603; im0007

V. 24, **kW.** 1.9, **O.D.** 112.00, **L.** 197.00, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 4300, **Insulated return** w/o



112575 DC Motor

Replacing: 0136501074; amj4762; -636; 11.212.450

V. 24, **kW.** 2.0, **O.D.** 112.25, **L.** 226.50, **Pulley** w/o, **Rotation** CR/ACR, **Max rotation speed** 2400, **Insulated return** w/o



113852 DC Motor

Replacing: 0136603002; im0108; amt4630

V. 72, **kW.** 5.0, **O.D.** 178.00, **L.** 310.00, **Pulley** w/o, **Rotation** CR

Hydralic.



110345 DC Motor

Replacing: 24mc42twa; 24mc4twa; 11.212.306; amk3633; 1124

V. 24, **kW.** 3.0, **O.D.** 125.00, **L.** 225.80, **Pulley** w/o, **Rotation** CR, **Insulated return** w/o



110429 DC Motor

Replacing: 19024654; -60; 36368; -92; 11.212.066; amj5632; 110428

V. 12, **kW.** 2.0, **O.D.** 115.00, **L.** 174.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o



110430 DC Motor

Replacing: 19024664; -6; 36503; -6; im0001; 110431

V. 12, **kW.** 2, **O.D.** 115.00, **L.** 196.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o

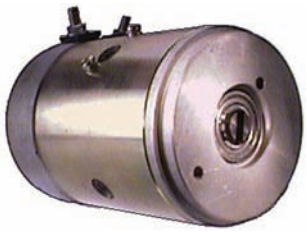


110434 DC Motor

Replacing: 19024665; -7; 36504; -7; 11.212.067; amj5633; im0002; 110435

V. 24, **kW.** 2.5, **O.D.** 115.00, **L.** 199.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/o

Abbrevations, see first pages.
All measurements are in mm. unless else stated.
O.E.M. names and numbers are used for reference purposes only.



111091 DC Motor

Replacing: 0136355081; 19024678; 36576; 24m1tp13; 24mb1twa; 24mb21m; 24mb21twa; 24mb22twa; 11.212.417; -958; am

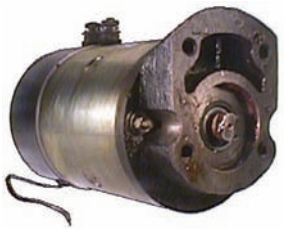
V. 24, **kW.** 2, **O.D.** 117.00, **L.** 195.60, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/



111092 DC Motor

Replacing: 0136355080; 19024706; 36676; 12m1tp13; 12mb11m; 12mb11twa; 12mb12m; 12mb1cwa; -twa; 12mb1wa; 11.212.

V. 12, **kW.** 2, **O.D.** 117.30, **L.** 195.45, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/



111466 DC Motor

Replacing: 0136355012; -4; -37; -38; -42; -57; -61; -67; 11.212.001; -626; 11.214.057; 11.216.208; amj5154; 142

Servicing: Volvo

V. 24, **kW.** 1.5, **O.D.** 112.00, **L.** 200.40, **Pulley** w/o, **Rotation** CR, **Insulated return** w/o



112138 DC Motor

Replacing: 19024698; -9; -716; 36644; -54; 11.212.147; -92; ame1609; -706; 47045811; -911; -933

V. 12, **kW.** 0.8, **O.D.** 78.00, **L.** 184.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2700, **Insulated return** w/o



112140 DC Motor

Replacing: 19024700; -1; -17; 36657; -8; 11.212.148; -77; ame1593; -610; 47045812; -912; -928; -934; im0124

V. 24, **kW.** 1.2, **O.D.** 78.50, **L.** 184.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 3200, **Insulated return** w/o



112311 DC Motor

Replacing: 0136350013; 19024714; 36579; -704; 11.212.108; amj5667; mue6102s; im0159

V. 12, **kW.** 2.1, **O.D.** 112.25, **L.** 196.75, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 1700, **Insulated return** w/



112317 DC Motor

Replacing: 19024730; -43; 36806; -7; 11.212.622; 47044605; -8; -16; mdx7047; mdy6116; mdy7037; -9; -40; -55; -6

V. 12, **kW.** 2.0, **O.D.** 114.10, **L.** 191.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o



112318 DC Motor

Replacing: 19024731; -2; 36808; -9; 11.212.619; 47044606; -17; mdf7024; mhj7003; -5; -24; mhx4001; im0030

V. 24, **kW.** 2.5, **O.D.** 114.14, **L.** 191.25, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/o



112481 DC Motor

Replacing: 36711; im0128

V. 12, **kW.** 0.8, **O.D.** 76.50, **L.** 185.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 3000, **Insulated return** w/o

Permanent magnet.



112487 DC Motor

Replacing: 19024688; -709; -713; 36608; -9; -81; -703; 11.212.169; amj5690; im0008; 36561

V. 24, **kW.** 2.5, **O.D.** 114.50, **L.** 191.00, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 2100, **Insulated return** w/o



112524 DC Motor

Replacing: 19024669; -89; 36531; -611; 11.212.087; -611; amj5177; -651; im0028

V. 12, **kW.** 2.0, **O.D.** 114.50, **L.** 199.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o



112525 DC Motor

Replacing: 19024670; -90; 36537; -612; 11.212.070; -88; -612; amj5178; -239; -636; -652; 11.212.865; im0029

V. 24, **kW.** 2.5, **O.D.** 114.00, **L.** 176.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100



112527 DC Motor

Replacing: 19024694; -6; 36627; -31; 11.216.133; amj5707

V. 24, **kW.** 2.5, **O.D.** 114.50, **L.** 205.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/o



112572 DC Motor

Replacing: 0136602009; 11.212.106; amj4603; im0007

V. 24, **kW.** 1.9, **O.D.** 112.00, **L.** 197.00, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 4300, **Insulated return** w/o



112573 DC Motor

Replacing: 11.212.107; 11.216.117; 11.212.609; im0119; amj5666; -175; -705

V. 12, **kW.** 1.6, **O.D.** 114.50, **L.** 173.00, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 2600, **Insulated return** w/o



112574 DC Motor

Replacing: 11.212.449; 11.216.273; amj4761; -635

V. 12, **kW.** 1.6, **O.D.** 112.00, **L.** 230.00, **Pulley** w/o, **Rotation** CR/ACR, **Max rotation speed** 2800, **Insulated return** w/o



112575 DC Motor

Replacing: 0136501074; amj4762; -636; 11.212.450

V. 24, **kW.** 2.0, **O.D.** 112.25, **L.** 226.50, **Pulley** w/o, **Rotation** CR/ACR, **Max rotation speed** 2400, **Insulated return** w/o



112576 DC Motor

Replacing: im0171; 11.212.516; amj5110

V. 12, **kW.** 1.6, **O.D.** 113.00, **L.** 185.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2600, **Insulated return** w/o



113666 DC Motor

Replacing: 11.216.257; im0145; 11.212.610; ajm5176; -730

V. 24, **kW.** 2.2, **O.D.** 114.50, **L.** 173.00, **Pulley** w/o, **Rotation** ACR, **Insulated return** w/o

Abbrevations, see first pages.
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113852 DC Motor

Replacing: 0136603002; im0108; amt4630
V. 72, **kW.** 5.0, **O.D.** 178.00, **L.** 310.00, **Pulley** w/o, **Rotation** CR
Hydralic.



112138 DC Motor

Replacing: 19024698; -9; -716; 36644; -54; 11.212.147; -92; ame1609; -706; 47045811; -911; -933
V. 12, **kW.** 0.8, **O.D.** 78.00, **L.** 184.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2700, **Insulated return** w/o

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112140 DC Motor

Replacing: 19024700; -1; -17; 36657; -8; 11.212.148; -77; ame1593; -610; 47045812; -912; -928; -934; im0124
V. 24, **kW.** 1.2, **O.D.** 78.50, **L.** 184.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 3200, **Insulated return** w/o

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112317 DC Motor

Replacing: 19024730; -43; 36806; -7; 11.212.622; 47044605; -8; -16; mdx7047; mdy6116; mdy7037; -9; -40; -55; -6
V. 12, **kW.** 2.0, **O.D.** 114.10, **L.** 191.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o

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112318 DC Motor

Replacing: 19024731; -2; 36808; -9; 11.212.619; 47044606; -17; mdf7024; mhj7003; -5; -24; mhx4001; im0030
V. 24, **kW.** 2.5, **O.D.** 114.14, **L.** 191.25, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/o

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111861 DC Motor

Replacing: 462415; fpor4001; mgl4105; mkw4007; m0551046a; mm48826; sm48826
V. 12, **kW.** 1.3, **O.D.** 78.00, **L.** 175.00, **Pulley** w/o, **Rotation** ACR, **Insulated return** w/o

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112311 DC Motor

Replacing: 0136350013; 19024714; 36579; -704; 11.212.108; amj5667; mue6102s; im0159
V. 12, **kW.** 2.1, **O.D.** 112.25, **L.** 196.75, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 1700, **Insulated return** w/



112317 DC Motor

Replacing: 19024730; -43; 36806; -7; 11.212.622; 47044605; -8; -16; mdx7047; mdy6116; mdy7037; -9; -40; -55; -6
V. 12, **kW.** 2.0, **O.D.** 114.10, **L.** 191.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o

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112318 DC Motor

Replacing: 19024731; -2; 36808; -9; 11.212.619; 47044606; -17; mdf7024; mhj7003; -5; -24; mhx4001; im0030
V. 24, **kW.** 2.5, **O.D.** 114.14, **L.** 191.25, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/o

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112577 DC Motor

Replacing: mbj6201; -2; -304; MBJ4201; -2; -9; -402; -407

V. 12, **kW.** 1.8, **O.D.** 113.30, **L.** 211.00, **Pulley** w/o, **Rotation** CR/ACR, **Max rotation speed** 2600, **Insulated return** w/o

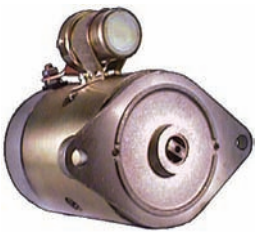
Shaft 19 mm.
Thread on thrubolts: 3/8 unf x 22.5.



110429 DC Motor

Replacing: 19024654; -60; 36368; -92; 11.212.066; amj5632; 110428

V. 12, **kW.** 2.0, **O.D.** 115.00, **L.** 174.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o



110430 DC Motor

Replacing: 19024664; -6; 36503; -6; im0001; 110431

V. 12, **kW.** 2, **O.D.** 115.00, **L.** 196.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o



110433 DC Motor

Replacing: 0136500029; 0136501003; 19024658; -9; 36383; -4; 110432

V. 24, **kW.** 2.5, **O.D.** 115.00, **L.** 174.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100



110434 DC Motor

Replacing: 19024665; -7; 36504; -7; 11.212.067; amj5633; im0002; 110435

V. 24, **kW.** 2.5, **O.D.** 115.00, **L.** 199.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/o



110950 DC Motor

Replacing: 19024672; 36546

V. 12, **kW.** 1.6, **O.D.** 99.00, **L.** 196.80, **Rotation** CR/ACR, **Max rotation speed** 3000



111091 DC Motor

Replacing: 0136355081; 19024678; 36576; 24m1tp13; 24mb1twa; 24mb21m; 24mb21twa; 24mb22twa; 11.212.417; -958; am

V. 24, **kW.** 2, **O.D.** 117.00, **L.** 195.60, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/



111092 DC Motor

Replacing: 0136355080; 19024706; 36676; 12m1tp13; 12mb11m; 12mb11twa; 12mb12m; 12mb1cwa; -twa; 12mb1wa; 11.212.

V. 12, **kW.** 2, **O.D.** 117.30, **L.** 195.45, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/



112137 DC Motor

Replacing: 19024682; -711; 36588; -698

V. 12, **kW.** 0.8, **O.D.** 78.50, **L.** 172.50, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 2700



112138 DC Motor

Replacing: 19024698; -9; -716; 36644; -54; 11.212.147; -92; ame1609; -706; 47045811; -911; -933

V. 12, **kW.** 0.8, **O.D.** 78.00, **L.** 184.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2700, **Insulated return** w/o

Abbrevations, see first pages.
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112140 DC Motor

Replacing: 19024700; -1; -17; 36657; -8; 11.212.148; -77; ame1593; -610; 47045812; -912; -928; -934; im0124

V. 24, **kW.** 1.2, **O.D.** 78.50, **L.** 184.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 3200, **Insulated return** w/o



112311 DC Motor

Replacing: 0136350013; 19024714; 36579; -704; 11.212.108; amj5667; mue6102s; im0159

V. 12, **kW.** 2.1, **O.D.** 112.25, **L.** 196.75, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 1700, **Insulated return** w/



112317 DC Motor

Replacing: 19024730; -43; 36806; -7; 11.212.622; 47044605; -8; -16; mdx7047; mdy6116; mdy7037; -9; -40; -55; -6

V. 12, **kW.** 2.0, **O.D.** 114.10, **L.** 191.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o



112318 DC Motor

Replacing: 19024731; -2; 36808; -9; 11.212.619; 47044606; -17; mdf7024; mhj7003; -5; -24; mhx4001; im0030

V. 24, **kW.** 2.5, **O.D.** 114.14, **L.** 191.25, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/o



112483 DC Motor

Replacing: 19024719; -21; 36751; -3

V. 12, **kW.** 0.35, **O.D.** 76.0, **L.** 129.0, **Rotation** CR, **Max rotation speed** 3200
Permanent magnet



112484 DC Motor

Replacing: 19024720; -41; 36752; -4

V. 24, **kW.** 0.4, **O.D.** 79.60, **L.** 167.50, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 3300
Permanent magnet



112485 DC Motor

Replacing: 19024735; 36915

V. 12, **kW.** 0.8, **O.D.** 76.00, **L.** 175.00, **Rotation** CR, **Max rotation speed** 3000
Permanent magnet



112486 DC Motor

Replacing: 19024736; 36925

V. 24, **kW.** 0.9, **O.D.** 76.50, **L.** 175.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2900
Permanent magnet



112487 DC Motor

Replacing: 19024688; -709; -713; 36608; -9; -81; -703; 11.212.169; amj5690; im0008; 36561

V. 24, **kW.** 2.5, **O.D.** 114.50, **L.** 191.00, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 2100, **Insulated return** w/o



112508 DC Motor

Replacing: 19024650; 05180

V. 12, **kW.** 1.8, **O.D.** 114.50, **L.** 198.30, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2600



112509 DC Motor

Replacing: 19024651; 36197

V. 12, **kW.** 0.75, **O.D.** 114.50, **L.** 252.25, **Pulley** w/o, **Rotation** CR/ACR, **Max rotation speed** 1600



112510 DC Motor

Replacing: 19024652; 36209

V. 12, **kW.** 1.3, **O.D.** 110.00, **L.** 201.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2300



112512 DC Motor

Replacing: 19024657; 36380

V. 24, **kW.** 3.0, **O.D.** 114.50, **L.** 199.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 4800



112513 DC Motor

Replacing: 19024680; 36584

V. 24, **kW.** 3.0, **O.D.** 126.75, **L.** 221.67, **Rotation** CR, **Max rotation speed** 2200



112514 DC Motor

Replacing: 19024685; 36594

V. 12, **kW.** 2.4, **O.D.** 128.50, **L.** 223.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2000



112515 DC Motor

Replacing: 19024684; -722; 36592; -757

V. 24, **kW.** 1.6, **O.D.** 113.50, **L.** 159.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 1800



112516 DC Motor

Replacing: 19024723; 36761

V. 12, **kW.** 0.8, **O.D.** 76.0, **L.** 156.0, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 3000

Permanent magnet



112517 DC Motor

Replacing: 19024724; 36771

V. 24, **kW.** 0.9, **O.D.** 76.00, **L.** 174.00, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 2900

Permanent magnet



112518 DC Motor

Replacing: 19024655; -707; 36378; -678

V. 12, **kW.** 0.8, **O.D.** 78.50, **L.** 174.50, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 2700



112519 DC Motor

Replacing: 19024656; -708; 36379; -679

V. 24, **kW.** 1.2, **O.D.** 78.50, **L.** 175.00, **Pulley** w/o, **Rotation** ACR, **Max rotation speed** 3200



112520 DC Motor

Replacing: 19024676; 36568

V. 12, **kW.** 0.8, **O.D.** 78.50, **L.** 175.00, **Rotation** CR, **Max rotation speed** 2700



112521 DC Motor

Replacing: 19024677; 36569

V. 24, **kW.** 1.2, **O.D.** 78.50, **L.** 175.50, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 3200



112522 DC Motor

Replacing: 19024663; 36501

V. 12, **kW.** 0.8, **O.D.** 78.50, **L.** 175.00, **Rotation** CR, **Max rotation speed** 2700

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112523 DC Motor

Replacing: 19024668; 36511

V. 24, **kW.** 1.2, **O.D.** 79.50, **L.** 175.50, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 3200



112524 DC Motor

Replacing: 19024669; -89; 36531; -611; 11.212.087; -611; amj5177; -651; im0028

V. 12, **kW.** 2.0, **O.D.** 114.50, **L.** 199.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o



112525 DC Motor

Replacing: 19024670; -90; 36537; -612; 11.212.070; -88; -612; amj5178; -239; -636; -652; 11.212.865; im0029

V. 24, **kW.** 2.5, **O.D.** 114.00, **L.** 176.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100



112526 DC Motor

Replacing: 19024693; -5; 36626; -9

V. 12, **kW.** 2.0, **O.D.** 114.50, **L.** 199.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400



112527 DC Motor

Replacing: 19024694; -6; 36627; -31; 11.216.133; amj5707

V. 24, **kW.** 2.5, **O.D.** 114.50, **L.** 205.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2100, **Insulated return** w/o



112863 DC Motor

Replacing: 36797; 19024727

V. 24, **kW.** 0.4, **O.D.** 80.00, **L.** 149.41, **Pulley** w/o, **Rotation** ACR



112864 DC Motor

Replacing: 36799; 19024729

V. 24, **kW.** 0.8, **O.D.** 80.00, **L.** 175.00, **Pulley** w/o, **Rotation** ACR



113354 DC Motor

Replacing: 36662; 19024703

V. 24, **kW.** 3.0, **O.D.** 128.25, **L.** 225.75, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2200



111861 DC Motor

Replacing: 462415; fpor4001; mgl4105; mkw4007; m0551046a; mm48826; sm48826

V. 12, **kW.** 1.3, **O.D.** 78.00, **L.** 175.00, **Pulley** w/o, **Rotation** ACR, **Insulated return** w/o



112317 DC Motor

Replacing: 19024730; -43; 36806; -7; 11.212.622; 47044605; -8; -16; mdx7047; mdy6116; mdy7037; -9; -40; -55; -6

V. 12, **kW.** 2.0, **O.D.** 114.10, **L.** 191.00, **Pulley** w/o, **Rotation** CR, **Max rotation speed** 2400, **Insulated return** w/o



110061 Dynastarter

Replacing: 0010300003; 19025602; 06030; 6030; 0010300101
Servicing: Ferrari; Bcs
V. 12, **Amp.** 11, **kW.** 0.9, **O.D.** 106.0, **L.** 237.00, **Pulley** w/o, **Rotation** CR, **Insulated return** w/o
Regulator: Cargo 130047.
Solenoid: Cargo 130336.



111504 Dynastarter

Replacing: 0010350003; -7; -9; -11; -13; -100; 19025604; 06850
Servicing: ; Lombardini
V. 12, **Amp.** 11, **kW.** 0.9, **O.D.** 105.50, **L.** 200.00, **Pulley** w/o, **Rotation** CR
Regulator: Cargo 130047.
Solenoid: Cargo 130336.



113144 Dynastarter

Replacing: gsb107-04a; -c; gsb107-01; gsb107-01a
Servicing: Ez-go; Club Car
V. 12, **Amp.** 23, **kW.** 0.7, **O.D.** 113.15, **L.** 247.00, **Pulley** w/, **Rotation** CR, **Insulated return** w/o
Regulator: Cargo 233625.



113145 Dynastarter

Replacing: gsb107-06f; gsb107-06; gsb107-06e; jn6h1100
Servicing: John Deere
V. 12, **Amp.** 15, **kW.** 0.75, **O.D.** 114.10, **L.** 241.50, **Pulley** w/o, **Rotation** CR, **Insulated return** w/o
Regulator: Cargo 233625.



113146 Dynastarter

Replacing: gsb107-10c; -b
Servicing: Yanmar
V. 12, **Amp.** 15, **kW.** 0.75, **O.D.** 113.60, **L.** 240.00, **Pulley** w/o, **Rotation** CR, **Insulated return** w/o
Regulator: Cargo 233625.



113147 Dynastarter

Replacing: gsb107-06b; j38-81100-00; j38-81100-11-00
Servicing: Yanmar
V. 12, **Amp.** 23, **kW.** 0.7, **O.D.** 113.00, **L.** 248.00, **Pulley** w/o, **Rotation** ACR, **Insulated return** w/o
Regulator: Cargo 233625.



113148 Dynastarter

Replacing: 1018294-01
Servicing: Club Car
V. 12, **Amp.** 23, **kW.** 0.75, **O.D.** 113.20, **L.** 247.00, **Pulley** w/, **Rotation** CR/ACR, **Insulated return** w/o
Regulator: Cargo 233625.



110060 Dynastarter

Replacing: 0010300002; -4; -6; -100; 19025600; 06000; 6000; 8034993
Servicing: Bcs; Goldoni; Lombardini; Albin
V. 12, **Amp.** 11, **kW.** 0.9, **O.D.** 106.0, **L.** 236.50, **Pulley** w/o, **Rotation** CR
Regulator: Cargo 130047.
Solenoid: Cargo 130336.

Abbrevations, see first pages.
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110061 Dynastarter

Replacing: 0010300003; 19025602; 06030; 6030; 0010300101

Servicing: Ferrari; Bcs

V. 12, **Amp.** 11, **kW.** 0.9, **O.D.** 106.0, **L.** 237.00, **Pulley** w/o, **Rotation** CR, **Insulated return** w/o

Regulator: Cargo 130047.
Solenoid: Cargo 130336.



110064 Dynastarter

Replacing: 19025603; 06770

V. 12, **Amp.** 11, **kW.** 0.9, **O.D.** 105.0, **L.** 238.0, **Pulley** w/o, **Rotation** ACR, **Insulated return** w/o

Regulator: Cargo 130337 Replaced by Cargo 130047. Solenoid: Cargo 130336



111504 Dynastarter

Replacing: 0010350003; -7; -9; -11; -13; -100; 19025604; 06850

Servicing: ; Lombardini

V. 12, **Amp.** 11, **kW.** 0.9, **O.D.** 105.50, **L.** 200.00, **Pulley** w/o, **Rotation** CR

Regulator: Cargo 130047.
Solenoid: Cargo 130336.



113142 Dynastarter

Replacing: 1101951; -86; -98

Servicing: Cub Cadet

V. 12, **Amp.** 15, **O.D.** 115.50, **L.** 262.00, **Pulley** w/o, **Rotation** ACR

Solenoid: Cargo 132939
Solenoid: Cargo 233623/233624



113143 Dynastarter

Replacing: 1101432

Servicing: Massey Ferguson; Case; Cub Cadet; Jacobsen; Roper; Simplicity

V. 12, **Amp.** 25, **O.D.** 115.00, **L.** 265.00, **Pulley** w/o, **Rotation** CR

Solenoid: Cargo 132939.Regulator: Cargo 233622



113598 Dynastarter

Replacing: 1101691; -2; -967; -996; -997

Servicing: Cub Cadet

V. 12, **Amp.** 15, **O.D.** 118.00, **L.** 265.0, **Pulley** w/o, **Rotation** ACR



111863 Tilt/Trim Motor

Replacing: 380361; 382138; etk4102; 40-259; 382220

Servicing: Omc

V. 12, **O.D.** 78.00, **L.** 171.00, **Pulley** w/o, **Rotation** CR/ACR, **Insulated return** w/o

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110060 Dynastarter

Replacing: 0010300002; -4; -6; -100; 19025600; 06000; 6000; 8034993

Servicing: Bcs; Goldoni; Lombardini; Albin

V. 12, **Amp.** 11, **kW.** 0.9, **O.D.** 106.0, **L.** 236.50, **Pulley** w/o, **Rotation** CR

Regulator: Cargo 130047.
Solenoid: Cargo 130336.

Cross Reference List

O.E. No.	HC-CARGO
AGRI	
130652	110536
36795	112565
36914	112566
490420	112563
51750	111649
ALFA ROMEO	
116760506000	110890
116760506100	110890
46473784	113430
46791692	111685
60604238	113848
60613073	112532
60652354	113848
60654127	113848
60672342	113836
60673305	113836
60814706	112308
60814911	113430
60816046	111409
7691663	111620
AT050600108	110882
ALLIS	
4841605	111190
AMC	
3212235	110509
3227687	110237
3229844	110509
3231371	110231
3231372	110231
8126436	110237
ARCO MARINE	
30460	111699
5361	113525
5362	113591
5367	112247
5370	110240
5371	110647
5372	110644
5375	110648
5376	111043
5379	110654
5380	110650
5386	112154
5387	112145
5389	110647
5392	110648
5396	112826
5398	113590
60065	111710
ARROW	
14660	112968
25-3458	113216
29-1034	112848
29-1082	111261
29-1098	110416
29-1105	112260
29-1185	112260
29-1187	110300
29-1195	113000
29-1197	112915
29-1228	113233
29-1229	110235
29-1235	110235
29-1236	110235
29-1242	110235
29-1243	110235
29-1244	110235
29-1245	112915
29-1264	112836
29-1265	112837

O.E. No.	HC-CARGO
ARROW	
29-1269	112835
29-1275	112880
29-1278	112988
29-1280	112988
29-1286	112876
29-1299	112837
29-1302	111252
29-1306	112878
29-1307	112877
29-1316	112855
29-1345	111713
29-1347	112856
29-1352	112858
29-1357	112999
29-1361	110801
29-1362	110801
29-1363	110801
29-1369	110591
29-1392	112881
29-1398	110724
29-1514	110133
29-1517	113048
29-1520	110138
29-1530	110168
29-1547	113048
29-1556	113049
29-1572	113072
29-1577	111139
29-1583	112733
29-1591	112733
29-1595	110675
29-1596	113077
29-1611	112973
29-1617	112968
29-1619	112970
29-1622	112967
29-1625	112976
29-1639	113084
29-1641	110675
29-1647	113032
29-1650	113053
29-1652	113086
29-1653	113087
29-1665	110628
29-1666	110496
29-1673	110675
29-1676	110675
29-1680	112973
29-1681	110682
29-1684	111285
29-1685	111432
29-1699	113051
29-1730	110684
29-1734	113412
29-1747	113073
29-1751	112969
29-1756	113031
29-1761	111578
29-1769	113058
29-1784	112833
29-1792	113085
29-1794	113030
29-1801	113077
29-1805	113093
29-1815	113074
29-1817	113088
29-1821	112971
29-1825	113065
29-1827	113495
29-1832	113413
29-1838	110682
29-1839	111199
29-1841	112920
29-1842	112926
29-1843	112922
29-1848	112882
29-1849	112885
29-1852	112839
29-1853	112917
29-1864	112915
29-1867	112993

O.E. No.	HC-CARGO
ARROW	
29-1870	113432
29-1876	113029
29-1880	113162
29-1881	111285
29-1885	112916
29-1886	112927
29-1889	112990
29-1891	112975
29-1898	110496
29-1901	111431
29-1903	112879
29-1910	113236
29-1911	112843
29-1916	112840
29-1931	112928
29-1934	112923
29-1936	112886
29-1937	112936
29-1938	111200
29-1940	112932
29-1941	112860
29-1946	112925
29-1947	112884
29-1960	113083
29-1966	113092
29-1967	113164
29-1969	113078
29-1970	113079
29-1974	112888
29-1982	113066
29-1984	112978
29-1986	112973
29-1987	113089
29-1988	113369
29-1991	113033
29-1996	112942
29-1997	111468
29-1998	113463
29-2000	113163
29-2001	112883
29-2004	112887
29-2006	112890
29-2007	112939
29-2008	112934
29-2009	112937
29-2023	113228
29-2034	112977
29-2035	113076
29-2037	113091
29-2048	112877
29-2049	112877
29-2051	112862
29-2076	112859
29-2079	113166
29-2082	112892
29-2083	113069
29-2087	113160
29-2088	111958
29-2094	113426
29-2099	113080
29-2100	113422
29-2103	113034
29-2104	113081
29-2111	113061
29-2116	113090
29-2118	112979
29-2120	113507
29-2124	113259
29-2126	112889
29-2129	113502
29-2131	113227
29-2134	113075
29-2142	112865
29-2143	113374
29-2158	113197
29-2166	112943
29-2167	112944
29-2168	112945
29-2169	112946
29-2171	112924
29-2172	112940

O.E. No.	HC-CARGO
ARROW	
29-2173	112585
29-2177	113005
29-2180	112893
29-2188	112875
29-2189	113035
29-2193	112987
29-2194	111787
29-2196	113159
29-2197	113068
29-2198	113235
29-2200	113161
29-2204	112895
29-2205	112893
29-2207	112866
29-2210	112941
29-2213	112891
29-2214	113165
30-1079	110133
30-1107	113048
30-1111	110138
30-1150	113048
30-1156	110162
30-1165	113028
30-1185	111139
30-1207	110675
30-1209	113077
30-1226	112973
30-1232	112968
30-1234	112970
30-1237	112967
30-1240	112976
30-1263	113032
30-1269	113086
30-1294	110675
30-1297	110675
30-1302	112973
30-1307	111578
30-1371	112835
30-1376	112837
30-1381	110684
30-1385	113412
30-1397	113032
31-1043	113142
31-1109	113143
34-1770	112964
34-1875	112963
34-1876	112964
34-1910	112964
34-1912	112965
34-1915	112963
34-1921	112966
35-1651	112267
35-1885	112911
35-1886	112910
35-1892	112909
35-1923	110221
35-1926	111190
35-1928	112267
35-1929	112267
35-1939	113101
35-1951	113123
35-1953	113125
35-1954	113123
35-1957	112255
35-1968	113153
35-2022	112584
35-2052	110462
35-2064	110462
35-2085	110421
35-2092	110252
35-2113	110411
35-2121	110315
35-2144	113095
35-2151	111451
35-2160	113036
35-2175	113039
35-2181	111442
35-2183	113399
35-2188	112983
35-2197	113097
35-2259	112984

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
ARROW	
35-2262	110411
35-2264	113099
35-2273	111451
35-2302	111490
35-2303	111425
35-2304	111456
35-2306	110811
35-2310	112982
35-2314	111683
35-2316	111563
35-2323	111764
35-2326	110810
35-2329	113135
35-2331	110811
35-2343	113022
35-2351	111683
35-2370	113103
35-2372	110810
35-2378	112214
35-2379	112214
35-2380	113024
35-2388	111241
35-2389	113096
35-2404	113043
35-2407	113102
35-2408	113101
35-2412	113131
35-2416	113168
35-2422	111485
35-2424	111456
35-2428	111242
35-2430	111473
35-2430	111608
35-2432	113041
35-2433	113121
35-2438	111305
35-2441	113104
35-2443	112912
35-2444	113222
35-2445	112911
35-2447	111370
35-2448	112030
35-2449	111844
35-2452	113217
35-2453	113225
35-2454	113223
35-2455	113224
35-2459	113220
35-2463	113042
35-2467	113098
35-2469	112580
35-2472	113218
35-2474	112847
35-2476	112592
35-2478	113221
35-2480	112898
35-2481	112897
35-2482	112582
35-2483	113026
35-2485	113508
35-2492	113106
35-2495	112844
35-2498	112844
35-2504	113122
35-2508	111696
35-2509	113044
35-2510	112845
35-2518	113114
35-2526	113111
35-2527	113113
35-2530	113137
35-2537	113138
35-2541	112986
35-2543	111683
35-2545	111552
35-2546	113024
35-2551	113110
35-2553	113112
35-2558	113109
35-2559	113108
35-2560	113169
35-2561	113174

O.E. No.	HC-CARGO
ARROW	
35-2567	111374
35-2568	113136
35-2570	113234
35-2571	113229
35-2574	113105
35-2584	112846
35-2585	113287
35-2586	112301
35-2589	112897
35-2592	112904
35-2595	113241
35-2598	112235
35-2599	112591
35-2600	112898
35-2618	112606
35-2620	111970
35-2621	113139
35-2623	113045
35-2624	113037
35-2627	113107
35-2629	113119
35-2630	113173
35-2639	112607
35-2640	111183
35-2641	111306
35-2642	111307
35-2645	112906
35-2646	112900
35-2647	112907
35-2648	113240
35-2649	113396
35-2650	113226
35-2651	113398
35-2652	111784
35-2657	113025
35-2658	112898
36-1014	110462
36-1082	110421
36-1093	110252
36-1154	113095
36-1180	111451
36-1187	113039
36-1194	111442
36-1200	112983
36-1209	113097
36-1222	112984
36-1225	110411
36-1227	113099
36-1228	111451
36-1237	111451
36-1238	110811
36-1240	110810
36-1266	111490
36-1267	111425
36-1268	111456
36-1271	110811
36-1276	112982
36-1291	111764
36-1295	110810
36-1303	110811
36-1326	111683
36-1346	113103
36-2261	111451
36-5073	110221
39-1301	112841
ABO0125	113798
ABO0194	113799
ABO0219	113808
ABO0226	113807
ADR0295	113767
ADR0333	113778
ADR0369	113774
ADR0372	113776
ADR290	113777
AFD0004	113765
AFD0106	113744
AFD0109	113779
AFD0110	113780
AHI0068	113793
AHI0082	113822
AMO0035	113766
AMO0038	113769

O.E. No.	HC-CARGO
ARROW	
AMT0146	113782
AMT0197	113781
AND0237	113856
AND0249	113803
AND0405	113804
AVA0006	113800
AVA0034	113801
SAB0145	113854
SBO0155	113726
SBO0156	113815
SBS0001	110634
SBS0009	112242
SBS0029	113853
SDR0019	112240
SDR0275	113826
SDR0281	113682
SDR0284	113550
SFD0047	113729
SFD0059	113813
SFD0086	113762
SFD0120	113814
SFD0145	113728
SHI0015	113731
SHI0032	113731
SHI0058	113817
SHI0116	113733
SMT0102	113668
SMT0133	113816
SMT0253	113795
SMT0262	113819
SMT0281	113775
SMT0287	113818
SMT0294	113820
SMU0311	113821
SND0076	113725
SND0132	113734
SND0133	113892
SND0234	113736
SND0324	113893
SND0347	113810
SND0455	113732
SND0459	113828
SND0488	113730
SND0491	113809
SND0492	113825
SND0566	113550
SPR0010	113727
SPR0011	113735
AVF (DELCO - H/MOGURT)	
001/504	110210
001/506	110210
001/507	110210
001/706	110210
001/905	110210
001/911	110210
002/511	110206
002/601	110206
002/608	110206
002/611	110206
002/702	110206
002/801	110206
002/808	110206
002/809	110206
002/901	110206
002/904	110206
002/906	110206
002/909	110206
012/810	110537
808002	110206
IM1	110512
IM1/1	110512
IM131	110601
IM16	110207
IM16/1	110601
IM17/1	110512
IM18	110511
IM21-5/24	110601
IM301	110600
IM310	110206
IM312	110212

O.E. No.	HC-CARGO
AVF (DELCO - H/MOGURT)	
IM316	110213
IM320	110512
IM321	110601
IM322	110932
IM323	110533
IM324	110534
IM325	110208
IM326	110207
IM327	110209
IM328	110535
IM330	110214
IM332	110932
IM335	111219
IM34	110537
IM34/1	110537
IM34/3	110537
IM34/4	110409
IM340	110531
IM341	110531
IM342	110592
IM35	111217
IM35/1	111217
IM350	110208
IM360	110210
IM361	110212
IM362	110213
IM37	110594
IM371	110211
IM380	110205
IM381	110532
IM382	110532
IM4/1	110512
IM40	110550
IM40/1	110550
IM401	110537
IM403	111217
IM409	110538
IM412	110537
IM414	110539
IM502	110206
IM503	110533
IM504	111003
IM505	110207
IM508	110208
IM509	110208
IM510	110210
IM511	110582
IM513	110601
IM517	111249
IM520	110600
IM521	110208
IM522	110512
IM523	110206
IM524	110512
IM526	112507
IM527	111249
IM528	111218
IM530	110534
IM536	110535
IM538	112115
IM540	110531
IM543	110209
IM544	110932
IM547	110512
IM548	110212
IM553	111219
IM554	110512
IM561	110980
IM562	110981
IM601	110210
IM602	111046
IM605	110213
IM606	110532
IM607	110212
IM609	110592
IM617	110531
IM623	111219
IM636	110531
IM637	112120
IM641	110205
IM642	112119
IM643	110214

Cross Reference List

O.E. No.	HC-CARGO
AVF (DELCO - H/MOGURT)	
IM645	110212
IM647	110211
IM653	111231
IM663	111983
IM664	112117
IM665	112116
IM801	110210
VG921/W	110544
BELARUS	
24173708000	113431
BMW	
12311247288	111946
12311247310	111946
12311266660	110876
12311267401	110876
12311267461	110876
12311270901	110876
12311271663	111147
12311273131	111147
12311276139	110877
12311276269	110876
12311277219	110877
12311277223	110877
12311277229	110876
12311277230	110987
12311277232	110987
12311277239	111147
12311277247	110877
12311277249	110987
12311277502	110987
12311277503	110876
12311277504	110877
12311277505	111147
12311277581	110876
12311284461	111147
12311285006	111147
12311285012	110877
12311286612	110877
12311288408	111147
12311288409	111147
12311289403	111147
12311289404	111147
12311361373	110987
12311361374	110987
12311361823	110987
12311361824	110987
12311362029	110877
12311362077	110877
12311362276	110877
12311362468	110877
12311364402	110877
12311364404	110877
12311427287	113831
12311432831	111895
12311432977	111873
12311432978	111873
12311432986	112193
12311432987	112193
12311433265	111895
12311435423	112413
12311435425	112413
12311435426	112413
12311435427	112413
12311435429	112413
12311435938	112465
12311702096	111895
12311704081	112094
12311704082	112538
12311705483	112426
12311706056	112740
12311710562	112812
12311711203	112740
12311713363	110904
12311713449	112748
12311713450	112748
12311715659	111901
12311717078	110904

O.E. No.	HC-CARGO
BMW	
12311721667	112764
12311721921	113864
12311726372	112811
12311726602	112748
12311726603	112748
12311726897	112692
12311727576	113864
12311730257	112740
12311730580	112687
12311730725	112692
12311730753	112692
12311733060	111901
12311733772	111901
12311734322	112683
12311735121	112804
12311735122	112804
12311735232	112804
12311735234	112804
12311735403	112692
12311735702	110904
12311735703	112812
12311735705	112812
12311735743	112687
12311735792	112687
12311738068	112804
12311738091	112699
12311738508	112809
12311738511	112692
12311738512	112692
12311739362	113576
12311739363	113576
12311740624	111873
12311740629	112193
12311740633	111873
12311741138	111895
12311742910	111895
12311744560	112687
12311744561	111776
12311744562	112687
12311747204	112538
12311747205	112094
12312240875	110908
12312241262	110908
12312242248	112807
12312244833	112800
12312244883	112800
12312244884	112800
12312245576	113868
12312245654	113868
12312246078	111947
12312246572	111947
12312246573	111947
12312247389	112462
12312248296	112468
12317501593	112193
12317501595	112193
12317501597	112193
12317501599	112193
12317501690	112193
12317501755	112193
12317512151	113871
12317516098	113871
12317516107	113871
12317519721	113858
12317521135	113858
12317521384	113871
12317521385	113871
12317521490	113871
12317522962	113871
12317532966	113871
12317533270	113871
12317541694	113858
12317788222	113407
12317788247	112468
12317789980	113881
12317792072	113896
12411266737	111052
12411268127	110855
12411269696	111052
12411270966	110855
12411271749	111052

O.E. No.	HC-CARGO
BMW	
12411272150	111052
12411317584	112004
12411350042	110855
12411350236	110772
12411351042	110772
12411351233	110855
12411352502	111052
12411352504	111052
12411355693	110772
12411361022	111105
12411361874	111105
12411402990	112004
12411711403	111856
12411712937	111911
12411715230	111052
12411717174	111052
12411717175	111105
12411720246	111856
12411726508	111400
12411740373	111911
12411740374	111911
12411740379	111911
12411740584	112004
12412242702	112533
12412242703	112533
12412246388	111908
12412246570	112533
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12418620903	110772
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12419069808	112533
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O.E.M. names and numbers are used for reference purposes only.

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Cross Reference List

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O.E.M. names and numbers are used for reference purposes only.

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0001417045	110212
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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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0120488134	112098
0120488137	112779
0120488138	112098
0120488140	111148
0120488142	113839
0120488143	111403
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0120488149	111741
0120488152	111620
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0120488162	111665
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0120488166	111170
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0120488271	110761
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0120488286	110891
0120488287	111654
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0120488290	110105
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Cross Reference List

O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO
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0120489617	111289
0120489618	110877
0120489619	110877
0120489622	110357
0120489623	110730
0120489625	113376
0120489626	113376
0120489627	110925
0120489628	110925
0120489629	110974
0120489629	111178
0120489630	110974
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0120489631	111178
0120489632	111178
0120489633	111166
0120489634	111166
0120489635	113376
0120489636	113376
0120489638	112097
0120489639	112097
0120489641	110912
0120489642	110912
0120489643	110112
0120489644	110877
0120489645	110877
0120489646	110877
0120489647	110877
0120489648	110877
0120489653	110911
0120489654	110911
0120489657	110911
0120489659	110911
0120489660	110987
0120489666	111289
0120489667	111289
0120489672	111138
0120489673	111138
0120489678	110726
0120489680	111086
0120489681	111086
0120489683	110358
0120489684	110116
0120489685	110987
0120489686	110987
0120489687	110987
0120489688	110987
0120489691	111086
0120489692	111086
0120489698	110726
0120489699	110726
0120489700	111086
0120489701	111086
0120489702	110043
0120489703	110105
0120489704	110105

O.E. No.	HC-CARGO
BOSCH	
0120489705	111289
0120489706	111289
0120489707	110766
0120489708	110971
0120489710	112098
0120489711	112098
0120489712	110913
0120489713	111652
0120489714	111652
0120489715	111667
0120489716	111667
0120489717	110876
0120489718	110876
0120489719	110880
0120489720	110880
0120489723	110751
0120489724	110751
0120489725	111141
0120489726	111141
0120489727	110113
0120489728	110113
0120489730	110766
0120489731	110117
0120489732	111652
0120489735	110911
0120489736	110987
0120489737	110987
0120489738	110612
0120489739	110612
0120489740	111138
0120489741	111138
0120489742	110912
0120489743	110912
0120489744	110360
0120489745	110360
0120489746	111083
0120489747	111083
0120489748	110875
0120489749	110875
0120489750	110875
0120489751	110875
0120489752	110912
0120489753	110912
0120489756	112736
0120489757	111141
0120489759	110911
0120489760	110911
0120489761	110882
0120489762	110882
0120489763	110890
0120489765	110882
0120489766	111656
0120489767	111656
0120489768	113376
0120489769	113376
0120489770	110890
0120489771	110357
0120489779	110048
0120489780	113377
0120489781	113377
0120489789	110975
0120489791	110360
0120489792	112097
0120489793	112097
0120489795	112097
0120489796	112097
0120489797	110880
0120489798	110880
0120489799	110360
0120489800	110360
0120489803	110759
0120489804	110759
0120489818	111670
0120489819	111670
0120489820	110357
0120489821	110357
0120489823	111620
0120489824	111620
0120489827	110116
0120489828	110358
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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
BOSCH	
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0120489842	111289
0120489843	111289
0120489844	111289
0120489846	111086
0120489847	111086
0120489849	111086
0120489850	111086
0120489851	111086
0120489858	111653
0120489859	111653
0120489860	111653
0120489861	110360
0120489862	110360
0120489863	110360
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0120489865	110360
0120489866	110360
0120489868	110913
0120489869	110913
0120489870	110913
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0120489873	110913
0120489874	111668
0120489875	111668
0120489885	112732
0120489886	112732
0120489889	111289
0120489892	111653
0120489893	111653
0120489894	110759
0120489895	111289
0120489896	111289
0120489897	112724
0120489898	112724
0120489899	112724
0120489903	111153
0120489904	111153
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0120489906	111667
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0120489915	111670
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0120489920	111138
0120489921	111138
0120489928	112724
0120489930	112724
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0120489935	110875
0120489936	110875
0120489938	111086
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0120489943	111148
0120489944	110761
0120489945	110917
0120489946	110917
0120489947	111168
0120489948	111168
0120489949	111665
0120489950	111168
0120489951	111168
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0120489965	110360
0120489966	110767
0120489967	110767
0120489971	111652
0120489972	111652

O.E. No.	HC-CARGO
BOSCH	
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0120489976	111652
0120489980	110913
0120489981	110913
0120489982	110913
0120489983	110913
0120489987	111653
0120489988	111653
0120489990	111670
0120489991	111670
0120500004	112557
0120501151	113448
012060040	113632
0120600579	111629
0120689503	111629
0120689504	111629
0120689508	111629
0120689511	112343
0120689512	111629
0120689513	111629
0120689515	111629
0120689516	112302
0120689517	111842
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0120689527	111842
0120689532	111629
0120689533	111629
0120689535	111833
0120689538	112302
0120689540	111842
0120689541	111842
0120689542	113488
0120689543	112343
0120689546	113488
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0120689562	112424
0120689566	112343
0120689567	113305
0120689569	111842
0120689571	111833
0120689572	113488
0120689574	111833
0120689575	111842
0120689591	111629
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01220AA0B0	112428
01220AA0D0	112428
01220AA0R0	112428
01220AA1A0	112428
01220AA1H0	112426
01220AA1J0	112426
01220AA1P0	112428
01220AA2A0	112428
0122468015	112426
0122469002	111261
0122469003	110801
0123100001	111718
0123100002	112689
0123110002	111352
0123110004	112793
0123110005	111891
0123110006	111997
0123110008	111824
0123115008	111280
0123115009	112209
0123115010	111280
0123115014	112209
0123120001	112229
0123212001	111427
0123213006	112557
0123213007	113865
0123214002	112538
0123310001	111353
0123310002	111352
0123310003	111879
0123310004	112532
0123310005	111354
0123310006	113831
0123310009	111268

O.E. No.	HC-CARGO
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0123310011	111318
0123310012	111893
0123310013	111318
0123310014	111293
0123310015	111292
0123310016	111268
0123310017	112557
0123310019	111353
0123310020	111352
0123310022	113783
0123310023	113447
0123310025	111353
0123310026	112456
0123310027	111977
0123310028	112532
0123310029	112680
0123310030	112557
0123310032	111353
0123310033	111980
0123310035	113341
0123310037	111878
0123310040	112148
0123310041	112708
0123310043	113783
0123310044	113783
0123310047	113783
0123310049	111884
0123310050	113447
0123310051	111980
0123310053	112680
0123310054	113447
0123315001	111352
0123315002	111353
0123315004	113576
0123315005	111354
0123315006	111879
0123315007	111993
0123315008	113832
0123315013	111873
0123315015	113832
0123315016	112557
0123315017	113832
0123315018	113832
0123315020	111993
0123315021	112557
0123315022	112413
0123315500	112406
0123315501	112529
0123315503	112406
0123320001	111477
0123320002	111479
0123320003	111676
0123320005	111677
0123320006	111479
0123320007	111477
0123320008	111820
0123320011	111675
0123320014	112691
0123320016	111478
0123320017	111477
0123320018	111899
0123320019	111820
0123320021	111887
0123320023	112450
0123320027	111820
0123320032	112543
0123320033	112710
0123320034	111820
0123320035	113486
0123320036	111858
0123320038	111884
0123320039	111675
0123320041	111890
0123320044	111369
0123320045	112529
0123320047	113442
0123320048	111676
0123320050	113833
0123320051	113889
0123320052	111478
0123320057	112708

O.E. No.	HC-CARGO
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0123320065	113889
0123320067	113833
0123325002	112860
0123325003	111468
0123325005	111876
0123325006	112042
0123325007	112708
0123325008	111992
0123325010	111873
0123325011	112413
0123325012	112860
0123325013	111468
0123325014	112860
0123325500	113295
0123335001	112712
0123335002	111369
0123335003	112529
0123335004	112708
0123335005	112708
0123335006	111369
0123335007	111369
0123335008	111903
0123340001	111676
0123340002	111479
0123340003	111477
0123340005	111677
0123340007	111890
0123345004	112450
0123500001	112194
0123500002	113154
0123500004	112557
0123500005	113865
0123500006	112554
0123500007	112723
0123500008	111986
0123500014	112557
0123505001	111732
0123505002	111426
0123505003	111514
0123505004	112558
0123505005	111733
0123505008	113867
0123505010	111991
0123505011	111988
0123505014	112557
0123505017	113154
0123510001	111733
0123510002	112194
0123510003	112558
0123510004	111850
0123510005	111991
0123510006	111733
0123510007	112709
0123510012	112530
0123510014	112806
0123510015	113867
0123510018	111850
0123510020	112558
0123510021	111850
0123510022	111902
0123510023	112194
0123510026	111898
0123510027	111988
0123510028	113758
0123510029	112451
0123510030	112451
0123510031	112694
0123510032	111733
0123510033	113867
0123510034	111733
0123510037	112195
0123510038	111883
0123510039	112530
0123510040	112539
0123510043	111998
0123510044	111826
0123510044	113869
0123510045	111772
0123510047	112717
0123510048	113848
0123510049	111883

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O.E. No.	HC-CARGO
BOSCH	
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0123510051	112530
0123510052	112558
0123510053	112709
0123510056	111733
0123510058	113869
0123510059	112539
0123510060	112196
0123510061	112806
0123510062	112558
0123510063	111732
0123510064	112558
0123510065	111857
0123510066	112530
0123510067	112530
0123510068	111902
0123510074	112196
0123510075	112196
0123510079	111902
0123510080	111883
0123510081	111902
0123510082	112197
0123510088	113867
0123510095	113848
0123510099	112451
0123510101	111883
0123510102	111826
0123510102	113869
0123510107	112197
0123510108	112197
0123510109	112420
0123512500	112062
0123515001	111895
0123515002	111895
0123515003	113770
0123515004	112193
0123515008	112045
0123515010	111895
0123515012	113758
0123515013	111894
0123515014	111988
0123515016	111898
0123515017	111828
0123515018	111988
0123515020	111828
0123515021	112717
0123515022	112193
0123515023	111895
0123515024	113758
0123515028	111894
0123515502	113899
0123520002	113885
0123520007	111850
0123520008	111850
0123520011	113489
0123520012	113489
0123520013	113489
0123520023	112425
0123525500	112427
0123525501	113289
0123525502	112427
0123525503	112427
0123540002	112194
0123545001	112557
0123545002	113865
0123545003	112557
0123545004	112194
0124215002	111416
0124225001	111824
0124225002	111990
0124225004	113879
0124225009	112077
0124225010	112414
0124225011	112414
0124225016	111417
0124225018	111824
0124225022	111824
0124225023	113879
0124225024	111990
0124225025	112077
0124225028	112229

O.E. No.	HC-CARGO
BOSCH	
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0124225046	111990
0124315001	113340
0124315002	113530
0124315003	112075
0124315004	112075
0124315007	113870
0124315008	112273
0124315010	112398
0124315013	113873
0124315014	112419
0124315016	113296
0124315019	113285
0124315024	113296
0124315027	113285
0124320001	112407
0124320002	113280
0124325001	112079
0124325002	113530
0124325003	111989
0124325004	112043
0124325006	112073
0124325008	112418
0124325010	113832
0124325011	113887
0124325012	112079
0124325012	113840
0124325013	112274
0124325014	112401
0124325015	112408
0124325017	112399
0124325018	112396
0124325019	112399
0124325020	112399
0124325021	113834
0124325021	113888
0124325024	112144
0124325031	112144
0124325032	112274
0124325035	113834
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0124325045	113301
0124325046	113889
0124325049	112396
0124325050	113875
0124325052	113280
0124325053	113279
0124325056	113874
0124325058	112190
0124325060	113536
0124325062	113871
0124325072	113871
0124325074	113887
0124325081	113874
0124325093	113889
0124325097	113834
0124325105	113889
0124325127	113874
0124415001	112409
0124415002	112416
0124415005	113879
0124415006	112198
0124415007	112144
0124415008	111426
0124415009	113352
0124415010	112720
0124415011	112190
0124415012	113263
0124415013	112144
0124415014	112144
0124415016	113298
0124415023	112409
0124415025	113352
0124415026	113352
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0124415040	112144
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0124425009	112416
0124425053	113352
0124515004	112416

O.E. No.	HC-CARGO
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0124515012	112002
0124515013	113754
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0124515021	113754
0124515022	113275
0124515024	113283
0124515026	112397
0124515027	113283
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0124515031	112416
0124515032	112417
0124515033	113352
0124515034	113283
0124515035	112402
0124515038	113754
0124515040	113751
0124515043	113799
0124515044	113270
0124515045	112535
0124515046	113300
0124515049	113304
0124515050	112193
0124515054	112072
0124515055	113835
0124515056	113302
0124515057	112402
0124515059	113878
0124515064	112197
0124515068	113754
0124515080	112415
0124515083	112397
0124515085	113265
0124515086	111732
0124515087	113836
0124515088	113877
0124515090	113836
0124515091	112197
0124515095	113352
0124515098	113294
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0124515114	112197
0124515117	112002
0124515121	112002
0124515132	113302
0124525001	113272
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0124525010	113252
0124525012	113264
0124525014	113272
0124525016	113273
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0124525029	113272
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0124525035	113640
0124525042	113871
0124525044	113837
0124525045	113871
0124525059	113871
0124525080	113858
0124525084	113837
0124525085	113807
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0124525141	113837
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0124555003	113284
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0124555005	113188
0124555022	113351
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0124555041	113284
0124615002	112460
0124615006	113884
0124615007	113510

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0124615019	112425
0124615027	112461
0124615035	112197
0124615038	113884
0124625002	113274
0124625031	113707
0124655001	113351
0124655002	113351
0124655003	113284
0124655004	113351
0124655016	113351
0124655023	113351
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0136355014	111466
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0136355038	111466
0136355042	111466
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0136355067	111466
0136355072	111207
0136355080	111092
0136355081	111091
0136500029	110433
0136501003	110433
0136501074	112575
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0136603002	113852
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0986010128	110792
0986010130	110792
0986010131	110784
0986010131	110792
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0986010150	110774
0986010170	110771
0986010190	110830
0986010191	110830
0986010191	111101
0986010200	110793
0986010200	111066
0986010201	110793
0986010201	111066
0986010220	110797
0986010221	110797
0986010248	110337
0986010248	110859
0986010248	111053
0986010248	111131
0986010250	111056
0986010251	111056
0986010258	111056
0986010260	110794
0986010261	110794
0986010268	110794
0986010268	111068
0986010280	110774
0986010280	110822
0986010281	110774
0986010281	110822
0986010281	110835
0986010290	111106
0986010291	111106
0986010300	110337
0986010300	111131
0986010308	110337
0986010308	111131
0986010310	110585

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
BOSCH	
0986010311	110585
0986010330	111104
0986010331	111104
0986010340	110823
0986010341	110823
0986010358	110340
0986010360	110858
0986010370	110410
0986010378	110410
0986010398	111053
0986010398	111131
0986010408	110336
0986010408	111131
0986010410	110339
0986010411	110339
0986010418	110339
0986010418	111058
0986010430	110624
0986010431	110624
0986010450	111228
0986010450	112122
0986010450	112124
0986010450	112289
0986010451	111228
0986010451	112122
0986010451	112289
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0986010468	110865
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0986010488	110339
0986010498	110339
0986010498	111058
0986010530	110363
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0986010591	111114
0986010591	112541
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0986010658	111489
0986010678	111135
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0986010718	110831
0986010718	110870
0986010718	111269
0986010720	111105
0986010730	110840
0986010788	110824
0986010788	111010
0986010810	113845
0986010858	110869
0986010858	110997
0986010870	111052
0986010880	110836
0986010881	110836
0986010890	110862
0986010900	110838
0986010920	110777
0986010920	110996
0986010928	110777
0986010928	110996
0986010930	110839
0986010950	110461
0986010950	112251
0986010960	113465
0986010961	113465
0986010970	113466
0986010971	113466

O.E. No.	HC-CARGO
BOSCH	
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0986011000	110775
0986011020	111332
0986011040	111004
0986011060	110814
0986011061	110814
0986011061	111693
0986011070	110779
0986011080	110812
0986011081	110812
0986011090	111112
0986011110	111109
0986011111	111109
0986011130	111752
0986011140	110536
0986011150	110368
0986011160	110517
0986011161	110517
0986011170	111636
0986011180	113467
0986011190	112249
0986011200	110536
0986011210	111332
0986011220	110529
0986011221	110529
0986011240	110525
0986011270	110523
0986011270	110536
0986011270	113464
0986011280	110527
0986011290	111640
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0986011310	110521
0986011311	110521
0986011330	110518
0986011331	110518
0986011340	110520
0986011360	110524
0986011370	112132
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0986011430	110214
0986011440	110531
0986011460	110534
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0986011490	110210
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0986011520	110205
0986011530	110537
0986011540	110537
0986011550	110512
0986011570	110206
0986011580	110533
0986011600	110829
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0986011611	111102
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0986011671	110856
0986011690	110796
0986011701	110821
0986011730	111100
0986011731	111100
0986011748	110367
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0986011770	110860
0986011770	111063
0986011771	110860
0986011771	111063
0986011780	110835
0986011781	110835
0986011810	111064
0986011811	110795
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0986011820	110783
0986011838	110367
0986011838	110866
0986011871	110338
0986011898	110365
0986011898	111585
0986011910	110352
0986011910	110826

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0986011921	110827
0986011941	110608
0986012061	110154
0986012090	110144
0986012101	110277
0986012101	110308
0986012111	110143
0986012111	111634
0986012150	110146
0986012160	110145
0986012161	110145
0986012171	110157
0986012171	110158
0986012171	110315
0986012171	110321
0986012171	110479
0986012211	110153
0986012221	110153
0986012241	110142
0986012251	110152
0986012261	110983
0986012271	110149
0986012271	111310
0986012281	110286
0986012290	110279
0986012290	111312
0986012291	110279
0986012291	111312
0986012301	110158
0986012301	110315
0986012311	110399
0986012328	111010
0986012330	110785
0986012340	110587
0986012341	110587
0986012358	110336
0986012358	111131
0986012418	110862
0986012420	111755
0986012430	110210
0986012431	111201
0986012440	110789
0986012470	110454
0986012470	110465
0986012480	110212
0986012598	111059
0986012600	111059
0986012600	111748
0986012620	112533
0986012660	113845
0986012670	110529
0986012670	110813
0986012671	110813
0986012680	112135
0986012690	110368
0986012700	113464
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0986012730	110535
0986012740	110208
0986012780	111047
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0986012831	110182
0986012851	110145
0986012851	110146
0986012851	110297
0986012851	111458
0986012861	110286
0986012871	110158
0986012871	110315
0986012871	110479
0986012881	110421
0986012881	111475
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0986012901	110297
0986012911	110278
0986012921	111441
0986012921	111728
0986012931	110155

O.E. No.	HC-CARGO
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0986012931	111452
0986012950	110524
0986012980	110838
0986012990	110869
0986013000	110862
0986013010	111347
0986013050	111060
0986013070	111981
0986013088	110839
0986013090	110867
0986013098	110867
0986013098	112290
0986013100	110844
0986013118	110789
0986013118	111111
0986013120	110587
0986013120	111070
0986013121	110587
0986013121	111070
0986013140	111112
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0986013150	111851
0986013160	111270
0986013180	110998
0986013190	113380
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0986013200	113481
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0986013230	111110
0986013231	111110
0986013240	111070
0986013241	111070
0986013260	110208
0986013270	111131
0986013270	113346
0986013280	111131
0986013280	111750
0986013298	111131
0986013350	111069
0986013368	111131
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0986013380	113844
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0986013450	112119
0986013478	110865
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0986013501	110808
0986013511	110149
0986013511	110808
0986013521	110261
0986013531	110289
0986013541	110153
0986013551	110280
0986013571	110289
0986013571	110290
0986013581	110322
0986013581	111458
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0986013618	110847
0986013618	111122
0986013630	112125
0986013640	111113
0986013641	111113
0986013650	113134
0986013660	111113
0986013660	113846
0986013670	111107
0986013680	110536
0986013690	110545
0986013700	113484

Cross Reference List

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0986013801	111116
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0986013850	110584
0986013851	110584
0986013861	110860
0986013861	111063
0986013910	113389
0986013940	111025
0986013941	111025
0986013971	110298
0986013981	110400
0986013991	110473
0986014041	110146
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0986014041	111458
0986014051	110249
0986014051	110312
0986014051	111442
0986014061	110312
0986014061	111442
0986014071	110316
0986014081	110317
0986014091	110718
0986014101	110389
0986014111	113036
0986014141	110809
0986014141	111461
0986014141	111476
0986014151	110292
0986014171	110291
0986014181	111448
0986014201	110310
0986014221	110480
0986014231	110309
0986014261	110480
0986014261	111444
0986014271	110717
0986014281	110386
0986014281	110719
0986014331	111560
0986014341	111451
0986014341	111454
0986014350	110394
0986014351	110394
0986014361	110294
0986014361	111561
0986014371	111310
0986014391	110396
0986014411	110296
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0986014451	110411
0986014471	110297
0986014471	110708
0986014481	110395
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0986014501	111440
0986014501	113097
0986014511	110397
0986014531	110253
0986014541	110323
0986014541	111643
0986014560	110981
0986014570	112455
0986014590	110584
0986014590	111029
0986014591	111029
0986014600	111030
0986014610	110842
0986014628	111694
0986014630	112321
0986014640	110850
0986014660	111065
0986014660	111851
0986014660	112440
0986014680	113444

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0986014718	110365
0986014718	111585
0986014730	111755
0986014740	111755
0986014770	111117
0986014771	111117
0986014780	110512
0986014800	111118
0986014800	111423
0986014810	111751
0986014810	111900
0986014820	111751
0986014830	113847
0986014840	111400
0986014850	113482
0986014860	111123
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0986014870	110209
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0986014890	112172
0986014900	111911
0986014910	110207
0986014920	110205
0986014940	112820
0986014950	110351
0986014951	110351
0986014971	110389
0986014981	110149
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0986014991	110149
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0986014991	110808
0986014991	112215
0986015001	110709
0986015010	110585
0986015011	110585
0986015031	110253
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0986015040	112660
0986015090	112290
0986015158	111131
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0986015178	110831
0986015178	112536
0986015190	110402
0986015200	111030
0986015260	110851
0986015328	110994
0986015331	111387
0986015331	112336
0986015341	110386
0986015341	110719
0986015351	111555
0986015391	110714
0986015420	112041
0986015430	110980
0986015470	112134
0986015481	111182
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0986015560	110823
0986015560	112817
0986015600	112308
0986015610	112454
0986015630	111104
0986015670	111231
0986015680	110347
0986015680	111000
0986015701	111214
0986015721	111543
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0986015721	113022
0986015740	113745
0986015751	111312
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0986015781	111447
0986015791	111450

O.E. No.	HC-CARGO
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0986015930	111421
0986015970	112286
0986015981	110807
0986015991	111443
0986016001	110811
0986016011	110810
0986016021	110575
0986016031	110574
0986016031	111805
0986016100	111983
0986016110	112131
0986016120	113443
0986016130	111129
0986016141	111070
0986016151	110589
0986016151	111136
0986016161	111274
0986016171	111136
0986016190	112167
0986016210	110354
0986016210	110441
0986016210	112439
0986016230	111523
0986016240	111694
0986016261	110979
0986016271	110478
0986016271	111448
0986016280	111698
0986016290	111059
0986016290	111748
0986016290	111909
0986016300	111749
0986016310	112133
0986016320	113483
0986016330	112321
0986016340	112052
0986016350	111131
0986016350	111750
0986016380	111347
0986016390	111065
0986016390	112440
0986016400	111251
0986016401	111251
0986016421	110712
0986016431	111189
0986016431	111552
0986016441	111548
0986016451	111310
0986016451	111696
0986016470	112141
0986016470	112235
0986016470	112319
0986016480	112340
0986016500	110713
0986016500	111455
0986016500	111984
0986016511	111446
0986016520	110210
0986016530	111130
0986016531	111130
0986016531	113443
0986016550	112555
0986016560	112305
0986016570	110585
0986016570	113481
0986016581	111303
0986016591	111608
0986016600	113753
0986016611	111114
0986016611	112541
0986016651	112213
0986016651	112214
0986016651	113024
0986016660	112818
0986016681	112083
0986016700	112166
0986016730	111060
0986016730	113644
0986016740	111805
0986016750	112306

O.E. No.	HC-CARGO
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0986016790	113750
0986016800	112307
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0986016860	112459
0986016860	112819
0986016870	113752
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0986016890	110847
0986016900	111619
0986016910	112308
0986016920	112553
0986016950	112053
0986016980	111900
0986016990	113387
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0986017000	112286
0986017020	113451
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0986017070	111906
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0986017190	112013
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0986017250	110214
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0986017320	111771
0986017320	112107
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0986017361	111333
0986017381	112295
0986017391	112295
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0986017450	111904
0986017460	111900
0986017470	111905
0986017480	111907
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0986017500	111874
0986017500	112006
0986017510	112074
0986017520	111399
0986017530	111680
0986017530	113701
0986017541	111312
0986017551	111459
0986017561	110323
0986017571	111696
0986017591	111550
0986017601	111445
0986017641	111544
0986017651	110158
0986017661	111459
0986017681	111311
0986017721	110958
0986017750	111793
0986017760	111910
0986017770	111685
0986017781	111420
0986017790	113430
0986017801	111424
0986017810	112224
0986017830	111909
0986017840	111641
0986017850	112117
0986017860	111640

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
BOSCH	
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0986017920	111848
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0986017940	111823
0986017950	112454
0986017980	112055
0986017990	110524
0986018010	111123
0986018010	113276
0986018020	111995
0986018030	112434
0986018040	112005
0986018050	112080
0986018060	111817
0986018070	112034
0986018080	112040
0986018090	112116
0986018100	111983
0986018110	112171
0986018151	110615
0986018161	110819
0986018190	110824
0986018190	111010
0986018200	111059
0986018200	111748
0986018210	110839
0986018220	110867
0986018220	112290
0986018230	111131
0986018240	111131
0986018240	111269
0986018250	112537
0986018260	110847
0986018260	111122
0986018270	112440
0986018290	111855
0986018310	111070
0986018321	111534
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0986018340	111769
0986018350	112431
0986018360	113761
0986018370	113609
0986018380	112221
0986018390	112429
0986018400	113605
0986018410	112236
0986018420	110582
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0986018450	112379
0986018470	113677
0986018480	113271
0986018490	112441
0986018500	112438
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0986018571	111931
0986018581	113605
0986018591	111251
0986018601	112214
0986018611	111905
0986018630	113267
0986018641	113262
0986018661	113261
0986018671	111124
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0986018701	113649
0986018711	111730
0986018721	110808
0986018731	111476
0986018741	113665
0986018751	110708
0986018761	111550
0986018770	113761
0986018780	112581
0986018790	110212
0986018790	112118
0986018800	112437
0986018810	110532

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0986018880	112445
0986018890	113292
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0986018930	112433
0986018940	112430
0986018950	112441
0986018960	112436
0986018980	113182
0986018990	113468
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0986019010	113277
0986019020	112071
0986019030	113346
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0986019051	113023
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0986019141	111455
0986019151	112033
0986019161	111455
0986019171	111679
0986019200	112552
0986019220	111456
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0986019860	111724
0986019870	113276
0986019880	111492
0986019890	111909
0986019910	112432
0986019920	113281
0986019930	111685
0986019960	113266
0986019980	112533
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0986020041	111241
0986020041	111242
0986020070	113759
0986020181	110461
0986020181	112251
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0986020350	113513
0986020691	111382
0986020850	111868
0986030110	111649
0986030110	111948
0986030120	110890
0986030120	110899
0986030120	111180
0986030121	111180
0986030130	110641
0986030140	111662
0986030150	112098
0986030170	112098
0986030270	110113
0986030290	110766
0986030350	110887
0986030510	110990
0986030518	110990
0986030520	110895
0986030530	110762
0986030530	111139
0986030538	110762
0986030538	111139
0986030540	110762
0986030540	111139
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0986030700	110887
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0986030800	111086
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0986030948	110612
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0986031290	110751
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0986031330	112736
0986031340	112097

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0986031410	110611
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0986031701	110178
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0986031711	110915
0986031741	111651
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0986032020	110743
0986032050	110916
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0986032301	110992
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0986032310	111072
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0986032311	111144
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0986032340	111078
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0986032361	111144
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0986032441	110129
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0986032451	110133
0986032471	110259
0986032571	110138
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0986032591	110138
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0986032621	110383
0986032641	110136
0986032651	110168
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0986032661	110168
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0986032671	111777
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0986032721	110076
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0986032781	110350
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0986033250	110612

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0986033278	111150
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0986033298	110923
0986033298	111093
0986033310	111289
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0986033728	111093
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0986033970	111156
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0986033980	111651

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0986034040	111652
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0986034060	111093
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0986034430	112747
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0986034468	111169
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0986034480	111148

O.E.M. names and numbers are used for reference purposes only.

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0986034508	112149
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0986034518	111539
0986034518	112149
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0986034520	111288
0986034520	112763
0986034521	112763
0986034530	110902
0986034531	111152
0986034550	110896
0986034558	110896
0986034558	111287
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0986034570	112149
0986034580	111174
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0986034620	110358
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0986034630	112727
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0986034640	111148
0986034650	111166
0986034650	111178
0986034651	111166
0986034660	112056
0986034661	112056
0986034668	110972
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0986034730	110993
0986034740	111082
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0986034778	110888
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0986034831	111841
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0986035020	112453

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0986035101	110677
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0986035141	110664
0986035141	111408
0986035161	110271
0986035181	110383
0986035201	110405
0986035211	110318
0986035211	110324
0986035211	111372
0986035211	111469
0986035231	110658
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0986035231	112976
0986035291	111297
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0986035321	112208
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0986035890	112774
0986035901	110138

O.E. No.	HC-CARGO
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0986036810	111354
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0986036820	112529
0986036831	112762
0986036841	110769
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0986036861	111403
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0986036880	111321
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0986036901	111661
0986036911	112749
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0986036951	111075
0986036961	110622
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0986037051	110768
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0986037071	110630
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0986037241	111331
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0986037301	111171
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0986037380	112194
0986037380	112539
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0986037420	111629
0986037450	110105

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O.E. No.	HC-CARGO
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0986037581	111428
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0986037691	111337
0986037701	110689
0986037731	110666
0986037760	112803
0986037770	112159
0986037781	110920
0986037781	112733
0986037791	111071
0986037791	111659
0986037801	111175
0986037811	111187
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O.E.M. names and numbers are used for reference purposes only.

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B120500755	112159
B120510078	112557
B120510079	112557
B120510214	112558
B120510330	111733
B120510614	111898
BNG4/12	110409
BNG4/12CR215	110537
BNG4/12CR222	111217
BNG4/12CR238	110538
BNG4/12CR247	110537
BNG4/24	110512
BNG4/24CR165BR	111249
BNG4/24CR165SR	110601
BNG4/24CR231	110512
BNG4/24CR301	110600
BNG4/24CRS162	110208
BNG4/24CRS163	110512
BPD6/24AR9Z11	111008
EGD1/12AR37	111054
F005A00023	111888
F005A00025	113531
F005A0004	111843
F005M00001	111848
GL-155	112915
GLE-172	112915
R007042024	110363
BOSCH US	
AL-1272X	113645
AL0037X	111675
AL0038X	112558
AL0039X	113154
AL0053X	112557
AL0160X	111354
AL0161V	112529
AL0161X	111369
AL0162X	111850
AL0163X	112530
AL0168X	112194
AL0169X	112194
AL0177X	112806
AL0181V	111477
AL0181X	111477
AL0182X	112234
AL0183X	111676
AL0184X	111733
AL0185V	111352
AL0185X	111352

O.E. No.	HC-CARGO
BOSCH US	
AL0186V	111353
AL0186X	111353
AL0187V	111479
AL0187X	111479
AL0710X	112693
AL0718X	112806
AL0719X	112799
AL0721X	112806
AL0722X	111820
AL0723X	111988
AL0724X	112806
AL0736V	111946
AL0744X	112692
AL0749X	112687
AL0750	112557
AL0760X	110618
AL0761X	113486
AL0762X	112194
AL0763V	111369
AL0763X	112530
AL0780X	112530
AL0781X	112708
AL111X	110729
AL113M	111652
AL113MX	111652
AL113X	111652
AL114X	111670
AL115X	110990
AL116X	110877
AL117X	110875
AL119X	110759
AL123X	110658
AL124X	111320
AL1260N	111394
AL1260X	111394
AL1261X	113074
AL1262X	113495
AL1263X	111285
AL1264X	111394
AL1265X	113088
AL1266X	111285
AL1267X	113166
AL1268X	113080
AL1269X	113035
AL1271X	113162
AL1273X	113433
AL1275X	113094
AL1276X	113496
AL1277X	113159
AL1279X	113612
AL1285X	113612
AL1286X	113628
AL130X	111170
AL1358X	113090
AL139X	111076
AL140X	112748
AL157X	112746
AL165X	112734
AL166X	112774
AL167X	111093
AL16X	111289
AL171X	111160
AL172X	110902
AL173X	112797
AL174X	112777
AL176X	112693
AL179X	112777
AL17X	111035
AL18X	111620
AL193X	112730
AL19X	111668
AL200X	110681
AL202X	110682
AL203X	110137
AL204X	110137
AL205X	111435
AL209X	110138
AL20X	111150
AL212X	111480
AL214X	110675
AL215X	110138

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
BOSCH US	
AL217X	110678
AL218X	113077
AL219X	110681
AL21X	111226
AL222X	110139
AL223X	113048
AL22X	111074
AL231X	110128
AL232X	110128
AL2345X	112972
AL2346X	110632
AL2347X	112971
AL2348X	111266
AL2349X	112969
AL2352X	111264
AL2353N	111264
AL2353X	111264
AL2354X	110631
AL2355X	113369
AL2358X	111958
AL2361X	111704
AL2362X	113422
AL2363X	113197
AL2364N	113426
AL2364X	113426
AL2365X	113161
AL2369X	113374
AL2370X	111726
AL2371X	111966
AL2373X	113371
AL2375X	113375
AL2376X	113373
AL2378X	113425
AL237X	110129
AL2380X	113370
AL238X	110168
AL2391X	113372
AL2392X	113427
AL2393X	113419
AL23X	110762
AL241X	110307
AL242X	110264
AL243X	110458
AL244X	110265
AL246X	112970
AL247X	112208
AL249X	112967
AL24X	110990
AL250X	110680
AL254X	110138
AL256X	111578
AL259X	110677
AL25X	110913
AL260X	110136
AL264X	110271
AL26X	110360
AL271X	112297
AL272X	110664
AL275X	110327
AL276X	110703
AL279X	110405
AL283X	110658
AL286X	110318
AL287X	110140
AL288X	111297
AL28X	110919
AL292X	110179
AL293X	110133
AL295X	110178
AL298	110178
AL298X	110178
AL299X	110915
AL29X	112730
AL300X	111185
AL307X	110138
AL308X	113028
AL310X	113049
AL313X	110968
AL318X	110179
AL31X	112778
AL3225X	110682
AL322X	110754

O.E. No.	HC-CARGO
BOSCH US	
AL3230X	111536
AL3234X	112102
AL3236X	113077
AL3237X	113085
AL3241X	110496
AL3242X	111705
AL3243X	110274
AL3244X	113083
AL3245X	113092
AL3246X	113079
AL3247X	111678
AL3248X	113636
AL3249X	111518
AL3250X	113164
AL3251X	111435
AL3252X	111435
AL3253X	110682
AL3254X	112860
AL3255X	111431
AL3256X	113093
AL3257X	111965
AL3258X	113090
AL326	110968
AL3260X	112181
AL3261X	111468
AL3262X	111518
AL3264X	111579
AL3265X	113081
AL3267X	113089
AL3268X	113228
AL3269X	113227
AL326X	110968
AL3270X	113078
AL3273X	112102
AL3274X	111517
AL3275X	113163
AL3277X	112101
AL3278X	111964
AL3279X	113091
AL327X	113086
AL3280X	111537
AL3281X	113626
AL3285X	111435
AL3286X	113089
AL3287X	111482
AL3289X	113089
AL3292X	113627
AL329X	110769
AL32X	112149
AL330X	110769
AL333X	112744
AL334X	111322
AL336X	110630
AL337X	110693
AL338X	112976
AL33X	112729
AL341X	112968
AL343X	111433
AL34X	111161
AL350X	110659
AL351X	110457
AL352X	111469
AL353X	113032
AL355X	112531
AL356X	110318
AL359X	110659
AL35X	110728
AL362X	111705
AL363X	110496
AL365X	113072
AL368X	111428
AL36X	110729
AL372X	113084
AL373X	111439
AL374X	110675
AL374X	110678
AL380X	112270
AL382X	111429
AL383X	111577
AL384X	110927
AL385X	111432
AL386X	111432

O.E. No.	HC-CARGO
BOSCH US	
AL387X	110675
AL388X	110423
AL391X	110406
AL392X	110327
AL394X	111408
AL399X	110140
AL4001X	110666
AL4003X	110803
AL4005X	110802
AL4006X	110802
AL4007X	110956
AL4008X	110804
AL4009X	111406
AL400N	110931
AL400X	110931
AL4010X	110803
AL4012X	111954
AL4013X	111375
AL4014X	110659
AL4015X	113034
AL4017X	111309
AL4018X	111806
AL4019X	113027
AL401N	112693
AL401X	111327
AL4021X	113462
AL4022X	113507
AL4025X	110659
AL4026X	111406
AL4027X	111405
AL4040X	113652
AL404X	110956
AL410X	111604
AL4164X	111241
AL41X	110877
AL4204X	113030
AL4205X	113029
AL4206X	112100
AL4207X	111342
AL420X	112973
AL4211X	111315
AL4212X	111959
AL4213X	113463
AL4215X	111237
AL4217X	111807
AL4218X	111959
AL421X	112973
AL4221X	111787
AL4224X	112987
AL423X	110489
AL4300X	111611
AL4301X	112031
AL4306X	113634
AL430X	110965
AL4330X	112979
AL434X	113087
AL4427X	110679
AL4428X	110675
AL4429X	112974
AL4432X	113076
AL4434X	112977
AL4435X	112978
AL4436X	110683
AL4438X	113643
AL4439X	113366
AL4440X	113165
AL4444X	113367
AL44X	110876
AL4500X	111279
AL4501X	110967
AL4502X	111279
AL4503X	111779
AL452X	113073
AL475X	111535
AL480X	110805
AL482X	111345
AL5001N	111397
AL5002N	111528
AL5003N	112112
AL5004N	111510
AL518X	110233
AL519X	110233

O.E. No.	HC-CARGO
BOSCH US	
AL523X	110075
AL530X	110075
AL531X	110233
AL532X	110233
AL533X	110233
AL534X	110234
AL535X	110235
AL536X	110235
AL537X	110235
AL542X	110233
AL544X	110234
AL547X	110471
AL54X	110884
AL551X	110502
AL557X	110471
AL559X	110471
AL561X	110492
AL562X	111252
AL564X	111395
AL570X	112836
AL572X	113233
AL575X	111157
AL576X	112917
AL577X	112836
AL578X	112835
AL586X	113050
AL591X	111144
AL592X	112755
AL597X	112929
AL598X	111199
AL599X	113236
AL600X	112858
AL601X	112856
AL604X	112664
AL611X	112855
AL617X	112877
AL618X	112878
AL622X	112876
AL623X	112880
AL64X	112098
AL6505X	110471
AL6506X	113065
AL6508X	113066
AL650X	110502
AL6510	111192
AL6511X	111191
AL6519X	111530
AL651X	110985
AL6522X	113067
AL6524X	112583
AL6525X	113235
AL6526X	113071
AL6527X	113069
AL6529X	113070
AL652X	112625
AL6530X	113360
AL6532X	113027
AL6533X	113364
AL6534X	113365
AL6538X	113641
AL653X	110986
AL6541X	113607
AL6543X	113606
AL654X	111202
AL6551X	111388
AL655X	112622
AL656X	112447
AL65X	110923
AL660X	112862
AL661X	111389
AL662X	110984
AL664X	112126
AL665X	112631
AL667X	112630
AL668X	110500
AL66X	112734
AL672X	111486
AL673X	112632
AL675X	111090
AL676X	110498
AL677X	111220
AL67X	110923

Cross Reference List

O.E. No.	HC-CARGO
BOSCH US	
AL680X	112449
AL683X	111090
AL68X	112724
AL69X	111139
AL70X	111085
AL74X	110735
AL7502X	112916
AL7503X	112839
AL7505X	110689
AL7507X	112843
AL7508X	112920
AL7509X	112922
AL7517X	112100
AL7518X	113031
AL7519X	112915
AL7521X	112921
AL7522N	112923
AL7522X	112923
AL7523X	112924
AL7524X	112927
AL7525X	112932
AL7527X	112928
AL7529X	112936
AL7530X	112935
AL7532X	113553
AL7533X	111308
AL7534X	112933
AL7535X	112934
AL7536X	112939
AL7538X	112944
AL7540X	112943
AL7541X	112942
AL7542X	112937
AL7543X	112946
AL7544X	112941
AL7546X	112940
AL7547X	112585
AL7548X	112945
AL7550X	112936
AL7551X	112945
AL7552X	112937
AL76X	110357
AL79M	110357
AL79X	110357
AL80X	110358
AL82X	111096
AL8500X	112723
AL8560X	110235
AL8566X	112980
AL8567X	112893
AL8568X	112895
AL8571X	112889
AL8574X	112892
AL8575X	112890
AL8576X	112891
AL8577X	112893
AL8578X	112875
AL8580X	112988
AL8582X	112893
AL8583	112619
AL8590	110500
AL8591X	112643
AL8592X	110500
AL8593X	110500
AL8594X	110500
AL8596X	112663
AL8597	111854
AL8598	110503
AL8605X	110724
AL8615X	112887
AL8619X	112882
AL8624X	112881
AL8646X	111202
AL8647X	111486
AL8648X	111390
AL8657X	112663
AL8659X	110984
AL8663X	111220
AL8666X	112859
AL8670X	110500
AL8671X	110503

O.E. No.	HC-CARGO
BOSCH US	
AL8679X	111220
AL8683X	112879
AL8685X	111389
AL8690X	112883
AL8691X	112884
AL8692X	112885
AL8695X	112886
AL8697X	112888
AL8699X	112890
AL86M	110913
AL86X	110360
AL8700X	112613
AL8701X	112614
AL8702X	111223
AL8703X	111392
AL8704X	111391
AL8705X	113160
AL8706X	111712
AL8707X	112618
AL8708X	112616
AL8709X	112642
AL8711X	113259
AL8712X	112615
AL8713X	112865
AL8714X	112866
AL8715X	112866
AL8716X	112612
AL8717X	112868
AL8725X	112871
AL87X	110899
AL901X	110641
AL902X	111649
AL904X	111649
AL905X	110641
AL906X	110105
AL910X	112742
AL911X	110890
AL913X	110882
AL914X	110890
AL920X	110766
AL922X	110445
AL923X	110138
AL925X	111686
AL926X	111141
AL930X	112097
AL9338X	111173
AL9339X	111156
AL9342X	110908
AL9347X	112025
AL9348X	112025
AL9360X	112683
AL9361X	112094
AL951X	110937
AL952X	112260
AL953X	112262
AL9909X	111843
AL9915X	110105
AL9937X	111232
AL9940X	112170
AL9941X	112773
AL9942X	111215
AL9948X	112170
AL9959X	111888
AL9970X	111713
AL99M	110987
AL99X	110987
S-2X	111103
S-9329	113398
SR0402X	111748
SR0403X	111749
SR0405X	112166
SR0406X	110865
SR0408X	111900
SR0409X	111900
SR0412X	112131
SR0413X	112309
SR0416X	112321
SR0417X	111817
SR0418X	111900
SR0424X	111909
SR0435X	112013

O.E. No.	HC-CARGO
BOSCH US	
SR0438X	111489
SR0445X	111911
SR0456X	111347
SR0457X	111851
SR0458X	111851
SR0463X	113282
SR0476X	110847
SR0477X	112305
SR0483X	112818
SR100X	111425
SR103X	110152
SR104X	110396
SR105X	110252
SR106X	110152
SR107X	110421
SR109X	110396
SR10X	111010
SR111X	110296
SR112X	110411
SR113X	110323
SR114X	113098
SR115X	110399
SR116X	110289
SR117X	111551
SR118X	110153
SR119X	110153
SR120X	110261
SR122X	110152
SR123X	110396
SR124X	110399
SR125X	110290
SR126X	111555
SR1286N	113408
SR1286X	113408
SR1287X	112213
SR1288X	113096
SR1289X	110322
SR128X	113097
SR1290X	113025
SR1291N	113508
SR1291X	113508
SR1294X	113042
SR1295X	113113
SR1297X	113111
SR1298X	113398
SR1299X	113396
SR129X	111386
SR1300X	113175
SR1303X	110312
SR1305X	110249
SR1306X	113629
SR1308X	113398
SR1310X	113392
SR1311X	113390
SR1312X	113617
SR1313X	112213
SR1316X	113394
SR1317X	113393
SR131X	110277
SR133X	110144
SR134X	110143
SR135X	110144
SR136X	110142
SR137X	110308
SR138FL	110256
SR138X	110155
SR139X	110143
SR140X	110280
SR141X	110277
SR145X	110280
SR146X	112982
SR147X	110279
SR148X	110278
SR149X	111441
SR14X	111133
SR150X	110322
SR151X	110145
SR152X	110146
SR154X	110146
SR155X	110145
SR156X	110146

O.E. No.	HC-CARGO
BOSCH US	
SR157X	110297
SR158X	110146
SR15X	110363
SR160X	110311
SR165X	110158
SR167X	113039
SR168X	110315
SR169X	110291
SR16X	110865
SR172X	110262
SR174X	111182
SR176X	111451
SR177X	110295
SR179X	110295
SR17X	111099
SR181X	110148
SR184X	110148
SR192X	111103
SR196X	110830
SR199X	110477
SR19X	111061
SR202X	110983
SR203X	110286
SR205X	110367
SR207X	110830
SR210X	110290
SR211X	110149
SR214X	110585
SR215X	111066
SR216X	110825
SR219X	110866
SR22	110996
SR220X	110253
SR221X	110253
SR222X	110404
SR223X	111386
SR2241X	113041
SR2242X	112985
SR224X	110397
SR2260X	111465
SR2262X	111608
SR2263X	112982
SR2264X	113614
SR2265X	112368
SR2266X	112844
SR2267X	111312
SR2268X	111382
SR226X	110712
SR2270X	112580
SR2271X	113045
SR2272X	111473
SR2273X	111023
SR227X	110712
SR228X	110713
SR229X	113106
SR230X	111446
SR231X	111544
SR232X	111551
SR239X	110809
SR243X	112984
SR245X	111762
SR246X	110480
SR247X	111563
SR248X	112983
SR24X	110824
SR250X	111450
SR252X	111488
SR255X	111444
SR257X	110386
SR258X	111459
SR261X	111440
SR263X	113099
SR265X	110709
SR269X	110708
SR274X	113036
SR278X	110578
SR280X	111442
SR281X	110312
SR282X	110154
SR283X	111546
SR284X	111543

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O.E. No.	HC-CARGO
BOSCH US	
SR285X	113022
SR28X	111069
SR294X	110808
SR295X	111348
SR296X	113135
SR297X	110810
SR298X	110811
SR299X	111246
SR300X	111460
SR30X	110824
SR3233X	111681
SR3234X	111556
SR3235	110411
SR3235X	110411
SR3236X	113107
SR3237X	113168
SR3238X	113173
SR3240X	113169
SR3241X	111784
SR3242X	113169
SR3243X	113170
SR3245X	113119
SR3247X	111581
SR3248X	111984
SR3250X	113109
SR3251X	113108
SR3252X	112033
SR3254X	110323
SR3255X	113434
SR3256X	113171
SR3258X	111550
SR3259X	111550
SR3260X	111556
SR3261X	111556
SR3262	111783
SR3262X	113112
SR3263X	110713
SR3266X	113110
SR32X	111270
SR33X	111059
SR34X	111060
SR35X	111425
SR37X	110160
SR38X	111112
SR395X	111310
SR396X	110494
SR397X	110477
SR398X	110979
SR399X	110317
SR400X	110462
SR4101X	113229
SR4102X	113234
SR4104X	113287
SR4106X	113615
SR4107X	110315
SR4108X	110958
SR4109X	111307
SR410X	112552
SR4110X	111306
SR4115X	111242
SR4116X	113020
SR4119X	113638
SR4120X	113521
SR4121X	113638
SR4157X	111305
SR4159X	111242
SR415X	110850
SR4164X	111241
SR4166X	111305
SR4192X	111557
SR4204X	111311
SR4206X	111453
SR4212X	113137
SR4213X	110810
SR4215X	112215
SR4216X	111970
SR4220X	113138
SR4221X	110810
SR4223X	113616
SR4301X	111189
SR4303X	111182
SR4304X	111552

O.E. No.	HC-CARGO
BOSCH US	
SR4305X	113504
SR4308X	113646
SR437X	111489
SR4400X	110711
SR4405X	113402
SR443X	112986
SR4500X	110394
SR4501X	110394
SR4502X	111310
SR4504X	110394
SR4505X	111696
SR4506X	111475
SR454X	110587
SR459X	112820
SR45X	111851
SR4605X	110298
SR461X	112820
SR46V	111347
SR46X	111347
SR47V	112440
SR47X	111065
SR48X	110862
SR5002N	111404
SR5034N	111015
SR5035X	111485
SR5037X	113668
SR5038X	110292
SR5040X	110617
SR5041X	110856
SR5050N	111334
SR506X	110229
SR509X	110228
SR50X	111109
SR513X	110227
SR515X	110216
SR516X	112897
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SR520X	110218
SR521X	112897
SR523X	110414
SR524X	110414
SR525X	110221
SR526X	110216
SR528X	110798
SR52X	110337
SR531X	110216
SR534X	110220
SR53X	110367
SR544X	110221
SR547X	110216
SR548X	111786
SR549X	112964
SR551X	112963
SR557X	110414
SR558X	110221
SR558X	113102
SR559X	112909
SR561X	111490
SR565X	112911
SR566X	112910
SR572X	111127
SR576X	111034
SR577X	112341
SR578X	113103
SR580X	111456
SR581X	111456
SR587X	112267
SR591X	112966
SR594X	110842
SR597X	112965
SR598X	112006
SR59X	110869
SR603X	112295
SR604X	111349
SR606X	111764
SR607X	111490
SR62X	110997
SR63X	110340
SR6400X	113613
SR6423X	113618
SR6501X	113101
SR6502X	113043

O.E. No.	HC-CARGO
BOSCH US	
SR6503X	111492
SR6504X	111764
SR6506X	113044
SR6507X	113105
SR6508X	112845
SR6512X	112846
SR6513X	113115
SR6516X	113117
SR6517X	113241
SR6518N	113116
SR6518X	113116
SR6519X	113114
SR6520X	112301
SR65X	110864
SR67X	110368
SR69X	110410
SR70X	110368
SR72X	110336
SR74X	110870
SR7515X	110807
SR7516X	112584
SR7519X	113216
SR7520X	112030
SR7521X	111844
SR7522X	113222
SR7523X	113225
SR7524X	111370
SR7525X	113218
SR7526X	113223
SR7527X	112592
SR7529X	112276
SR7530X	112340
SR7531X	111374
SR7532X	112606
SR75335X	112591
SR7533X	112646
SR7534X	112235
SR7535X	112591
SR7536X	113226
SR7538X	110808
SR7541X	112607
SR7542X	111183
SR7543X	112599
SR7544X	112600
SR7545X	112590
SR7546X	112597
SR7547X	113220
SR7579X	111374
SR7586X	113703
SR84X	111104
SR8500X	112459
SR8527X	112911
SR8532X	112913
SR8538X	113679
SR8539X	112847
SR8540X	111127
SR8542X	112897
SR8543X	112904
SR8549X	112898
SR8551X	112912
SR8553X	112898
SR8554X	113122
SR8555X	112898
SR8560	112582
SR8560X	112582
SR8561X	112897
SR8573X	112911
SR8574X	112341
SR8580X	112900
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SR8583X	112907
SR85X	110785
SR86X	110838
SR87X	110858
SR901X	111755
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SR911X	110522
SR912X	110536
SR913X	112670
SR914X	110529
SR915X	110524
SR916X	110531

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BOSCH US	
SR917X	110534
SR918X	110537
SR91X	110338
SR920X	110512
SR921X	110512
SR9220X	110790
SR923X	110525
SR924X	113465
SR925X	113464
SR926X	110536
SR92X	110777
SR950X	111000
SR954X	110347
SR955X	110436
SR956X	112089
SR957X	111000
SR963X	110999
SR97X	111120
SR9936X	110206
SR9943X	110627
SR9944X	110626
SR9945X	110437
SR9946X	110486
SR9947X	110246
SR9948X	113725
SR9949X	110938
SR994ZX	112555
SR9973X	112267
SR9974X	110485
SR9975X	110942
SR9976X	112007
SR99X	113095
BRIGGS & STRATTON	
390838	110634
391178	111804
391423	110634
392749	110634
393017	110635
393499	112563
394674	110635
394805	110634
394807	111804
394808	110635
394943	112563
396306	111804
399160	112563
399169	112563
399928	112242
435307	110635
494148	112563
494198	112563
494490	112563
494990	112563
495100	112242
495920	112563
497401	112563
497594	110634
497595	110634
497596	110635
498148	112242
499529	112563
691262	112563
691564	113539
693054	110634
693469	113539
693551	113853
808106	113539
BUTEC	
110207	110207
850277	113333
850531	113334
850606	113333
850615	113334
850773	113334
850935	113333
850996	113334
850998	113334

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O.E. No.	HC-CARGO
BUTEC	
851002	113333
851004	113333
851022	113334
851062	110721
851122	111000
851291	113334
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851360	113334
851450	113334
851606	110643
851738	113333
852563	113333
852741	113333
854494	110643
854667	113333
854670	113333
855236	113333
855508	113333
855698	113333
855707	113333
856766	111286
857038	113333
857039	113333
857040	113333
857042	113333
857043	113333
857044	113333
857472	110527
857601	111296
857606	111295
857612	111295
857623	111296
857626	111295
857633	111295
857638	111295
857645	111296
858085	111295
858259	113333
858318	111640
858370	113333
858371	113333
858372	113333
858373	113333
858441	110721
858693	111295
858772Z	110043
858882	111834
858900	113333
859022	111399
859399	112656
859411	111286
859422	111097
859432	111097
859500	111286
859506	111399
859535	110527
859536	110454
859537	110524
859539	110523
859542	110518
859839	111286
859970	111286
860304	112055
860305	111910
860321	111982
860500	110205
860504	110208
860505	112119
860506	110210
860508	110206
860509	110981
860511	112116
860512	110980
860513	112117
860514	112118
860516	110582
860517	111983
860520	112507
860542	110538
860544	110211
860548	110214

O.E. No.	HC-CARGO
BUTEC	
860551	111746
860558	112159
860559	112561
860560	112076
860562	112803
860568	112493
860603	112656
860655	110535
869371	113342
869399Z	112656
870607	110493
880636Z	112017
880638Z	111808
880640Z	111972
880703Z	111975
880704Z	111976
880718Z	112019
880726Z	112017
A3024/13	110643
A3024/30	110643
A4024/15	110643
A5524/30	111295
A5524/37	111295
A5524/46	111295
A5524/49	111296
A5524/56	111295
A5524/58	111295
GR45/2	111286
LNA4024/0	110643
LNA4024/8	110643
LNA5524/0	111295
LNA5524/1	111295
LNA5524/2	111295
LNS2800	112267
LNS2810	111041
LNS2820	110602
LNS2830	110590
LNS4524/5	112656
LNS4524/6	111286
LNS4524/7	111097
LNS4524/9	111399
MS1	113333
MS1/100	110721
MS1/400A	110721
MS1/401A	111000
MS1/410A	113333
MS1/453	111100
MS1A/12	110721
MS1A/20	111000
MS1A/25	111000
MS3	113334
MS3/300A	113334
MS3/502	113334
MS3/503	113332
MS3/51	113332
MS4/400	112656
MS4/401	111286
MS4/406	111097
CAJAVEC	
5133270	110340
CARRIER	
29-50096	112249
30-00171-00	110408
30-00171-11	110408
30-00228-00	110408
30-00251-00	110164
30-00251-11	110164
30-00306-00	110408
30-00306-02	110408
30-00306-03	110408
30-00306-04	110408
30-00306-05	110408
30-00308-00	112249
30-00331-00	110164
30-00349-01	110371
30-00351-00	110408
30-00351-02	110408

O.E. No.	HC-CARGO
CARRIER	
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30-00351-04	110408
30-00351-05	110408
30-00363-00	110371
30-00363-03	110371
30-00393-00	110371
30-00393-02	110371
30-00393-02	111298
30-00423-00	110371
30-50307-00	110371
CASE	
125849A1R	112773
1987559C1	113725
202360T91	112773
202386T91	110436
3218239EX	110641
3218544EX	112098
3218577EX	111662
3218884EX	110766
3228193EX	111752
3229193EX	111752
327121A1	112531
529965R92	112660
91448C2	112773
92294C1	111364
957340EX	110818
A130672Z	111713
A169694	112169
A170746	113725
A186180	112135
A187623	111843
A187728	113429
A187873	111888
A47090	113511
A49652	110300
K308650	110462
K956426	111364
K957340	110818
K957340EX	110818
L72955	110300
M41595	110766
PO9415420	112170
R36587	113511
R39341	110627
CATERPILLAR	
0R1522	112260
0R1699	113000
0R2186	110999
0R2187	111000
0R2188	112259
0R2189	110436
0R2190	111000
0R2415	110591
0R2698	110801
0R2735	113695
0R2793	112999
0R3667	111261
0R3669	111261
0R4263	113695
0R4264	112259
0R5202	112260
0R5203	112261
0R5204	112263
0R5205	110416
0R5206	111261
0R5207	110999
0R5208	110436
0R5209	111000
0R5213	110347
0R5217	110801
0R5218	110436
0R5270	110999
0R5347	112089
0R8279	112160
1005047	111261
107-7977	112160
132-2156	112160

O.E. No.	HC-CARGO
CATERPILLAR	
1L8174	111000
1N9406	112263
1P7112	112254
225-3141	113763
25900	110999
2M1431	112254
2M1464	112254
2N2761	112259
2N3538	110436
2N5599	110233
2P1204	110427
2P1698	110427
2P2501	110999
2P5113	110427
2S0900	110999
2S900	110999
2S945	110075
347205	110233
351940	110235
3E0079	110961
3E1864	111224
3E5127	110962
3E5129	111027
3E5130	111028
3E5381	110944
3E5382	113237
3E7285	111888
3E7863	112089
3L8205	110347
3N2702	110801
3N2706	110801
3P0006	110999
3P0007	110999
3P0110	110999
3P3006	110999
3P3007	110999
3R7356	110999
3T1888	111261
3T2579	110999
3T2646	111000
3T2647	110999
3T2648	112259
3T2649	111000
3T2650	111000
3T2652	110999
3T2654	111000
3T2655	110436
3T2657	110436
3T2659	110436
3T2660	110999
3T2772	110999
3T2775	112254
3T2780	110347
3T2785	110347
3T2787	110347
3T2788	112254
3T2879	112089
3T3152	111000
3T3153	111000
3T3154	112089
3T3778	110347
3T4581	110999
3T4582	110999
3T4584	110999
3T4586	110999
3T5649	110626
3T6305	110999
3T6352	110801
3T7070	112260
3T8208	110962
3T8210	110437
3T8942	112254
3T8945	112254
3T8947	110347
3T8949	110347
3T8954	110347
3T8959	110346
3T8967	110347
3Y6691	110801
3Y8200	110801
3Y8852	110999

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
CATERPILLAR	
4L9547	112089
4N0956	112089
4N0957	111000
4N0959	110347
4N3181	110999
4N3182	110999
4N3273	112254
4N3343	110347
4N3347	110999
4N3348	110999
4N3349	110347
4N3350	110999
4N3387	112254
4N3986	112261
4N3987	112263
4N4540	110138
4N7901	110999
4N8118	111000
4N9253	112259
4N956	112089
4N957	111000
5A6494	110999
5A6495	110999
5A6522	110999
5A8908	110801
5L2537	111000
5L2637	111000
5L3648	110347
5L4160	112089
5L4168	112089
5L4169	112089
5L4405	110347
5L5353	110347
5L537	111000
5L5667	112089
5L5867	112089
5L637	111000
5L648	110347
5LG48	110347
5N5692	110801
5R3155	110999
5R3857	110999
5S6698	110416
5S9088	111261
5Z1083	110591
655293	113172
676375	110569
6N1889	111000
6N3122	111000
6N3160	111000
6N5217	110801
6N5468	110427
6N9249	110801
6N9294	110801
6N9667	110347
6N9677	110347
6T0640	110347
6T0647	110347
6T1193	110235
6T1395	113549
6T7001	110941
6T7002	111027
6T7003	111028
6T7223	111261
6V0890	110347
7C2264	110961
7G7889	112989
7L8797	111000
7N0923	111224
7N4784	111796
7N4787	111796
7N6118	111796
7N6503	110436
7N8404	111190
7N8405	112007
7N9720	110801
7S5897	110427
7T0794	111000
7T0798	110999
7T0799	110999
7T0800	111000
7T0801	111000

O.E. No.	HC-CARGO
CATERPILLAR	
7T0806	111000
7T1081	110436
7T1082	110999
7T1799	110999
7T2095	113549
7T2265	110436
7T9254	110436
7X0994	113428
7X1057	113172
86385	110075
8C356	110436
8C3592	112089
8C3593	112089
8C3596	110436
8C3597	110999
8C3644	111000
8C3645	111000
8C3647	110999
8C3648	110436
8C3649	111000
8C3650	110999
8C3651	110999
8C4774	110944
8C5580	110436
8H1813	111000
8L5881	110436
8L8205	110347
8L8206	112089
8N0999	110591
8N1694	111190
8N2145	110999
8T4618	110961
8T8619	110961
9G4337	110999
9G4339	110999
9G5584	111000
9G5585	111000
9G6078	110325
9G6941	111224
9G8255	110801
9G9538	110591
9L2200	110346
9L2507	112243
9L3597	110436
9L5417	110346
9L5938	112260
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9L6463	112260
9L6464	110347
9L6484	110347
9L6691	111000
9M1662	110999
9N0435	111000
9N0453	111000
9N0716	112089
9N0721	112089
9N716	112089
9S4070	110427
9S4870	110427
9S6693	111261
9W0058	110436
9W1082	112999
9W2946	113237
9W3748	110944
9X0341	111843
9X1270	112327
OR3653	113549
OR3667	111261
OR5204	112263
OR5206	111261
PX0341	111843
SL8206	112089
CAV	
1266450	111295
1268010	111809
1268030	111810
1268580	111295
1268590	111295
1268620	111295
1268660	111295

O.E. No.	HC-CARGO
CAV	
1268690	111295
1277610	112392
1277640	111629
1277670	111833
1277680	112343
1277690	111842
1277720	111842
1277750	112392
1277970	111859
1284105	112017
1285505	111808
1285523	111972
1285529	111972
1285531	111972
1285622	112019
1320015	110449
1320023	110449
1320027	110449
1320029	110449
1320035	110450
1320036	110450
1320114	110452
1320183	110454
1320510	110449
1320513	110449
1320515	110449
1320552	112084
1320582	110452
1320621	110493
1320702	111024
1320830	110454
1320906	110452
1320D183	110454
1320D830	112158
1320F022	110449
1320F027	110449
1320F035	110450
1320F036	110450
1320F114	110452
1320F183	110454
1320F515	110449
1320F552	112084
1320F621	110493
1320F720	111024
1320F830	112158
1320F906	110452
1320G027	110449
1320G035	110450
1320G036	110450
1320G114	110452
1320G183	110454
1320G552	112084
1320G621	110493
1320G720	111024
1320G830	112158
1320G906	110452
1320G934	112248
1320H027	110449
1320H114	110452
1320H183	110454
1320H720	111024
1320H830	112158
1320H934	112248
1321021	110566
1321022	110566
1321023	110566
1321033	112091
1321041	112085
1321112	112085
1321182	110998
1321184	110998
1321511	110566
1321513	110566
1321780	110527
1321886	112085
1321916	111097
1321D033	112091
1321D551	112090
1321D552	112090
1321F022	110566
1321F033	112091
1321F041	112085

O.E. No.	HC-CARGO
CAV	
1321F112	112085
1321F183	110998
1321F551	112090
1321F780	110527
1321F886	112085
1321F904	110527
1321F916	111097
1321G022	110566
1321G033	112091
1321G041	112085
1321G112	112085
1321G183	110998
1321G551	112090
1321G886	112085
1321G916	111097
1321G934	112090
1321G936	112372
1321G938	113453
1321H022	110566
1321H033	112091
1321H112	112085
1321H183	110998
1321H936	112372
1327010	110449
1327020	110450
1327040	112655
1327060	110454
1327061	110454
1327070	112158
1327090	111024
1327410	110566
1327470	111097
1327471	111097
1327480	111097
1327490	110998
1327570	111798
1327571	111798
1327580	112180
1327581	112180
1327620	111097
1327621	111097
1327A010	110449
1327A011	110449
1327A020	110450
1327A021	110450
1327A030	112084
1327A031	112084
1327A040	112655
1327A041	112655
1327A060	110454
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1327A080	112248
1327A081	112248
1327A090	111024
1327A091	111024
1327A120	110452
1327A121	110452
1327A141	112579
1327A410	110566
1327A411	110566
1327A421	110566
1327A430	112091
1327A431	112091
1327A440	112090
1327A441	112090
1327A470	111097
1327A471	111097
1327A490	110998
1327A491	110998
1327A500	112372
1327A501	112372
1327A540	112085
1327A541	112085
1327A570	111798
1327A571	111798
1327A580	112180
1327A581	112180
1327A600	110207
1327A601	110207
1327A620	111097

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O.E. No.	HC-CARGO
CAV	
1327A661	112551
1327A690	113453
1327A691	113453
132D906	110452
132F906	110452
132F916	111097
132G906	110452
1403010	112107
2311040	110347
2311210	110205
2996101	110527
2998000	110525
2998001	110524
2998002	111638
2998003	111636
2998004	110527
2998006	110214
2998007	110531
2998008	110207
2998009	110209
2998010	110210
2998011	110206
2998054	110112
2998055	110116
2998056	110043
2998150	111000
2998200	110529
2998201	110518
2998230	112097
AC203/80/24	112017
AC203R11524-12	111808
AC203R11524-22	111972
AC203R11524-26	111972
AC203R11524-29	111972
CA45-12Y72	111024
CA4512-11	110452
CA4512-18	110454
CA4512-2	110449
CA4512-3	110450
CA4512-51	110449
CA4512-62	110493
CA4512-72	111024
CA4512-Y3M	110450
CA4512-Y4	110453
CA4524-112	111097
CA4524-11M	112085
CA4524-18	110998
CA4524-2	110566
CA4524-4	112085
CA4524-95M	112085
CA45C12-18	110454
CA45C12-51	110454
CA45C24-2	110566
CA45D12-18	110454
CA45D12-2	110449
CA45D12-2M	110449
CA45D12-3	110450
CA45D12-51	110449
CA45D12-55M	112084
CA45D12-72	111024
CA45D12-83	112158
CA45D12-95M	110452
CA45D12-Y51	110449
CA45D24-18	110998
CA45D24-2	110566
CA45D24-3M	112091
CA45D24-55	112090
CA45F12-11M	110452
CA45F12-18	110454
CA45F12-2	110449
CA45F12-3	110450
CA45F12-3M	110450
CA45F12-51	110449
CA45F12-51A	110449
CA45F12-55M	112084
CA45F12-62	110493
CA45F12-72	111024
CA45F12-83	112158
CA45F12-95M	110452
CA45F12-Y11M	110452
CA45F12-Y18	110454

O.E. No.	HC-CARGO
CAV	
CA45F12-Y2	110449
CA45F12-Y3M	110450
CA45F12-Y51	110449
CA45F12-Y72	111024
CA45F12-Y83	110454
CA45F24-112	111097
CA45F24-11M	112085
CA45F24-121	113453
CA45F24-18	110998
CA45F24-2	110566
CA45F24-3M	112091
CA45F24-47	110566
CA45F24-55	112090
CA45F24-55M	112090
CA45F24-95M	112085
CA45F24-Y2	110566
CA45F24-Y55M	112091
CA45F24-Y78	110527
CA45G12-11M	110452
CA45G12-124M	112084
CA45G12-125M	112248
CA45G12-18	110454
CA45G12-2	110449
CA45G12-3	110450
CA45G12-3M	110450
CA45G12-51	110449
CA45G12-55M	112084
CA45G12-62	110493
CA45G12-72	111024
CA45G12-83	112158
CA45G12-95	110452
CA45G12-95M	110452
CA45G24-112	111097
CA45G24-11M	112085
CA45G24-124M	112090
CA45G24-125M	112372
CA45G24-12M	113453
CA45G24-18	110998
CA45G24-2	110566
CA45G24-3M	112091
CA45G24-55M	112090
CA45G24-95M	112085
CA45H12-11M	110452
CA45H12-125M	112248
CA45H12-18	110454
CA45H12-2	110449
CA45H12-3M	110450
CA45H12-72	111024
CA45H12-83	112158
CA45H24-11M	112085
CA45H24-125M	112372
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CA45H24-2	110566
CA45H24-3M	112091
S11424-18	111798
S11512-10	112158
S11512-1X	110453
S11512-2	111024
S11512-3M	110450
S11512-5	112655
S11512-9	110454
S11524-1	110566
S11524-19	112180
S11524-23	111097
S11524-23X	111097
S11524-7	111097
S11524-7X	111097
S11524-8	111097
S11524-9	110998
S115A12-1	110449
S115A12-10	112158
S115A12-11M	112248
S115A12-12	111024
S115A12-15M	110452
S115A12-2	111024
S115A12-3M	110450
S115A12-4M	112084
S115A12-5	112655
S115A12-9	110454
S115A24-1	110566
S115A24-11M	112372

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S115A24-15M	112085
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S115A24-19	112180
S115A24-21	110207
S115A24-23	111097
S115A24-29	111097
S115A24-30M	113453
S115A24-3M	112091
S115A24-4M	112090
S115A24-7	111097
S115A24-9	110998
S115HD24-2	112107
Z1320F183	110454
Z1320F515	110449
Z1320F621	110493
Z1320F720	111024
CHEVROLET	
96469962	113860
96469963	111684
CHRYSLER	
05033556AA	113613
2095150	110223
2098500	110223
2642121	110074
2875560	110223
2875844	110074
3000010	110074
3000011	110074
3131371	110231
3131372	110231
3182774	110509
33002709	111349
33002941	112447
33003511	111486
3438176	110236
3438177	110236
3438178	110236
3438179	110236
3438180	110236
3514308	110236
3621860	110236
3621861	110236
3621866	110236
3621867	110236
3656130	110236
3656131	110236
3656395	110236
3656397	110236
3656455	110236
3656459	110236
3656570	110236
3656575	110223
3656650	110223
3755250	110222
3755259	110223
3755413	110236
3755585	112848
3755900	110223
3780589	110236
38522303	112420
3856713	110236
3874777	110236
4091002	112848
4091460	112848
4091461	112848
4091950	110222
4091975	110223
4111860	110222
4145360	110222
4145568	110222
4339474	113095
4349144	111764
4364944	111191
4379143	111456
4379144	111456
4379160	111764
4419308	111425

O.E. No.	HC-CARGO
CHRYSLER	
44193080	111456
4419311	111425
4419312	111425
4419340	111456
4428082	110516
4428221	113101
4439474	113095
4467185	111456
4557209	111425
4557284	111456
4557301	113064
4557384	111456
4557432	111813
4557466	111396
4557468	111396
4557709	111492
46-0955	112828
4606622AA	113027
4609003	112447
4609010	113105
4609011	112845
4609034	113066
4609058	112846
4609075	113027
4609090	113066
4609093	113066
4609101	111529
4609150	113287
4609230	113070
4609230AA	113070
4609300	113027
4609300AC	113027
4609320	111259
4609346	113242
4609346AB	113242
4609415	113067
4609703	113115
4609999	113365
4609999AB	113365
4671041	111530
4671084	111456
4671130	111425
4671320	113069
4672108	112816
4686019	111815
4686021	111814
4686045	111492
4686098	112583
4686099	113235
4686104	113117
4686106	111530
4686107	112432
4686109	111492
4686111	113241
4727036	111814
4727206	112195
4727220	112583
4727221	113235
4727329	113235
4727329A	113235
4727329AA	113235
4741012	113114
4746639	113114
4793110	111396
4793189	111530
4793190	111530
4793210	111396
4793493	113613
4793692	113360
4793692AB	113360
4793804	113587
4796981	112301
4808034	113066
480955	110636
50-822462	112826
5033133AA	113613
5033133AB	113613
5033133AC	113613
5033556AA	113613
51-4955	112828
5170746AA	113607

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
CHRYSLER	
5206971	110514
5206981	110514
5212190	113095
5213045	113095
5213049	113095
5213053	110514
5213079	110514
5213301	113039
5213450	113095
5213540	110514
5213541	110514
5213590	113095
5213645	113095
5213762	110514
5213763	110514
5223449	111191
5226135	110514
5226200	110515
5226432	110516
5226444	111425
5226742	113095
5226842	111425
5226844	111764
5226948	111456
5227100	110515
5227248	111456
5227267	110516
5227282	111425
5227342	111425
5227548	111456
5227672	113050
5233006	111425
5233007	111425
5233160	110516
523318	113052
5233199	110516
5233416	111193
5233417	111191
5233418	113052
5233449	111191
5233472	110515
5233474	110515
5233508	110516
5233599	111192
5233608	113051
5233660	111192
5233672	113053
5233673	111191
5233718	111193
5233949	111191
5234026	111193
5234027	111193
5234028	113054
5234029	113055
5234031	111193
5234032	113056
5234033	113060
5234199	113058
5234201	113064
5234208	113058
5234260	113059
5234361	113043
5234374	113061
5234509	111492
5234648	111456
5234651	111192
5243449	111191
5243949	111191
5252539	113052
5256427	110516
53002898	110986
53004632	112855
53005984	111764
53008646	113065
53008647	113057
53008651	113062
5334509	111492
54041012AC	111349
56004934	113044
56005684	111193
56005684AB	113357
56005685	113063

O.E. No.	HC-CARGO
CHRYSLER	
56005685AB	113063
56005685AC	113358
56005686	113068
56005686AB	113363
56007912	112833
56021012AB	111349
56027221	113061
56027221AB	113362
56027317	111349
56027350	111490
560277002	113116
56027702	113116
56027702AB	113120
56027702AC	113120
56027703AC	113619
56027904	112301
56027912	112833
56027912AB	113359
56027913	113071
56027913AB	113364
56028238	113568
56028238AB	113564
56028691	113606
56028920AB	113364
56041012	111349
56041012AB	111349
56041012AE	111349
56041013	112301
56041013AC	113047
56041014	111349
56041021AD	111349
56041136AB	113642
56041207	113618
56041207AB	113618
56041207AC	113618
56041207AD	113618
56041322	113569
56041324	113559
56041324AC	113559
56041685AA	113641
56041693AA	113607
56041693AB	113607
56041693AC	113607
56041822AA	113358
59005685	113063
616955	110636
CLAAS	
1053560	110525
1322450	110537
1326150	110537
6853810	110525
7901820	111649
CLARK	
2355692	111190
2355695	110942
2817056	111699
3737270	111793
6632415	110942
807950	110947
896892	110175
911410	110947
918306	113668
920670	111272
CUMMINS	
111640	110801
157579	110436
185617	110436
195827	112089
195828	112089
195829	112089
195830	112089
195833	112089
195834	112089
195835	112089
197125	110436

O.E. No.	HC-CARGO
CUMMINS	
200305	110416
2031179	111261
203176	111261
203177	110416
203179	111261
204559	113724
213298	112260
213299	112260
214169	110300
214318	110591
3000346	112263
3000347RX	112261
3004699	112254
3004700	112254
3004806	113000
3008988	112262
3010125RX	110347
3016627	110801
3016627RX	110801
3016628	112989
3021036	111000
3021038	110347
3043007	112255
3043008	112255
3043010	112243
3056492	112265
3062333	112264
3072483	112265
3078116	110591
3103304	113550
3103915	113550
3251135	112160
3279496	110436
3282554	111843
3283214	112544
3283329	112267
3283330	112267
3283812	111885
3283813	113429
3283814	112544
3575205RX	110485
3603848RX	111261
3603850RX	110416
3603851RX	112260
3603852RX	112303
3603853RX	110300
3603854RX	112262
3603857RX	110957
3603858RX	110957
3603859RX	110957
3603860RX	110177
3603862RX	111000
3603863RX	112089
3603864RX	110436
3603865RX	112258
3603866RX	110346
3603868RX	112089
3603877RX	113000
3603888RX	110347
3604225RX	110591
3604233RX	110999
3604234RX	110957
3604321RX	111000
3604323RX	110436
3604473RX	112989
3604475RX	110505
3604476RX	110952
3604481RX	112267
3604482RX	112267
3604483RX	112255
3604484RX	110999
3604485NW	113725
3604485RX	113725
3604630RX	113101
3604648	112267
3604654	113452
3604659RX	112999
3604660NW	113725
3604663RX	110233
3604666AX	112824
3604666RX	112993
3604669RX	110499

O.E. No.	HC-CARGO
CUMMINS	
3604676RX	110801
3604679RX	112263
3604684RX	113114
3604784RX	110999
3604877RX	113000
3610942	112089
3675109RX	112998
3675121RX	112255
3675147RX	110488
3675154NW	113725
3675154RX	113725
367520RX	111760
3675242RX	112160
3675245	113429
3675247RX	112544
3901365	112267
3901386	112267
3904445	112267
3904466	113725
3905480	112267
3907622	110436
3908594	112169
3909913	112267
3910643	112255
3910644	112243
3910645	110436
3910646	110999
3912084	113101
3916854	112267
3918376	113452
3918377	111760
3918558	112993
3920328	113429
3920329	112544
3920403	113725
3920615	111232
3920616	111232
3920617	112160
3920618	112160
3920643	113725
3920678	112170
3920679	111888
3921012	113429
3921682	113114
3923550	110801
3923624	112493
3926932	111760
3926960	113725
3935070	112267
3935530	112160
3947412	113001
3964428	113725
504065529	110175
554560	110436
604662RX	112544
87419387	113429
CCA0220	110175
CUSHMAN	
883282	113014
883285	113014
884218	113014
884932	113014
884982	113014
885002	113014
888919	110421
893191	113014
DAEWOO	
219232	113685
25026005	113457
25026006	113458
65.26201-7039	111683
65.26201-7044	112502
65.26201-7049	113456
65.26201-7050	112344
65.26201-7059	111709
96190262	113349
96221945	113498

Cross Reference List

O.E. No.	HC-CARGO
DAEWOO	
96258990	113349
96275481	111849
96289430	113860
96303556	113350
96314258	111847
96380673	111847
96430344	111123
96430345	111848
96497702	113860
96518124	111847
96518887	111849
96550782	111684
96569440	111849
96943428	111849
DAF	
1201327	111399
1232608	113488
1244090	112343
1248660	113488
1254010	112343
1274480	110895
1284775	112581
1298995	112159
1357212	112581
1387383	113760
181991	113477
266679	113488
365211	110981
666754	112343
DAIHATSU	
27020-13010-000	110138
27020-13110-000	110274
27020-13140-000	110274
27020-13160-000	110274
27020-15022-000	110273
27020-22011-000	110137
27020-24061-000	110138
27020-24062-000	110138
27020-26021-000	110138
27020-31051-000	110137
27020-72030-000	110248
27020-87102-000	110137
27020-87103-000	110137
27020-87209-000	110137
27020-87216-000	110258
27030-87706-000	110929
27030-87707-000	110929
27040-64052-000	110685
27040-64150-000	110685
27060-87104-000	111595
27060-87211-000	111951
27060-87212-000	111951
27060-87601-000	111437
27060-87602-000	111437
27060-87603-000	111610
27060-87608-000	111610
27060-87701-000	110374
27060-87704-000	110374
27060-87705-000	110374
27060-87706-000	111604
27060-87707-000	111278
27060-87709-000	111278
27060-87714-000	111610
27060-87719-000	112212
27060-87721-000	111610
27060-97705-000	110374
28100-13060-000	110153
28100-15070-000	110290
28100-72010-000	110397
28100-72080-000	110397
28100-87106-000	111553
28100-87316-000	111525
28100-87401-000	112369
28100-87526-000	111088
28100-87548-000	111088
28100-87601-000	110473
28100-87603-000	111464

O.E. No.	HC-CARGO
DAIHATSU	
28100-87708-000	110298
28100-87709-000	111447
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28100-87713-000	110400
28100-87715-000	111548
28100-87719-000	111449
28100-87721-000	110400
28100-87722-000	110298
28100-87729-000	111548
28100-87730-000	111548
28100-87731-000	111548
28100-87734-000	110298
CAV	
1266450	111295
1268010	111809
1268030	111810
1268580	111295
1268590	111295
1268620	111295
1268660	111295
1268690	111295
1277610	112392
1277640	111629
1277670	111833
1277680	112343
1277690	111842
1277720	111842
1277750	112392
1277970	111859
1284105	112017
1285505	111808
1285523	111972
1285529	111972
1285531	111972
1285622	112019
1320015	110449
1320023	110449
1320027	110449
1320029	110449
1320035	110450
1320036	110450
1320114	110452
1320183	110454
1320510	110449
1320513	110449
1320515	110449
1320552	112084
1320582	110452
1320621	110493
1320702	111024
1320830	110454
1320906	110452
1320D183	110454
1320D830	112158
1320F022	110449
1320F027	110449
1320F035	110450
1320F036	110450
1320F114	110452
1320F183	110454
1320F515	110449
1320F552	112084
1320F621	110493
1320F720	111024
1320F830	112158
1320F906	110452
1320G027	110449
1320G035	110450
1320G036	110450
1320G114	110452
1320G183	110454
1320G552	112084
1320G621	110493
1320G720	111024
1320G830	112158
1320G906	110452
1320G934	112248
1320H027	110449
1320H114	110452

O.E. No.	HC-CARGO
CAV	
1320H183	110454
1320H720	111024
1320H830	112158
1320H934	112248
1321021	110566
1321022	110566
1321023	110566
1321033	112091
1321041	112085
1321112	112085
1321182	110998
1321184	110998
1321511	110566
1321513	110566
1321780	110527
1321886	112085
1321916	111097
1321D033	112091
1321D551	112090
1321D552	112090
1321F022	110566
1321F033	112091
1321F041	112085
1321F112	112085
1321F183	110998
1321F551	112090
1321F780	110527
1321F886	112085
1321F904	110527
1321F916	111097
1321G022	110566
1321G033	112091
1321G041	112085
1321G112	112085
1321G183	110998
1321G551	112090
1321G886	112085
1321G916	111097
1321G934	112090
1321G936	112372
1321G938	113453
1321H022	110566
1321H033	112091
1321H112	112085
1321H183	110998
1321H936	112372
1327010	110449
1327020	110450
1327040	112655
1327060	110454
1327061	110454
1327070	112158
1327090	111024
1327410	110566
1327470	111097
1327471	111097
1327480	111097
1327490	110998
1327570	111798
1327571	111798
1327580	112180
1327581	112180
1327620	111097
1327621	111097
1327A010	110449
1327A011	110449
1327A020	110450
1327A021	110450
1327A030	112084
1327A031	112084
1327A040	112655
1327A041	112655
1327A060	110454
1327A061	110454
1327A070	112158
1327A071	112158
1327A080	112248
1327A081	112248
1327A090	111024
1327A091	111024
1327A120	110452

O.E. No.	HC-CARGO
CAV	
1327A121	110452
1327A141	112579
1327A410	110566
1327A411	110566
1327A421	110566
1327A430	112091
1327A431	112091
1327A440	112090
1327A441	112090
1327A470	111097
1327A471	111097
1327A490	110998
1327A491	110998
1327A500	112372
1327A501	112372
1327A540	112085
1327A541	112085
1327A570	111798
1327A571	111798
1327A580	112180
1327A581	112180
1327A600	110207
1327A601	110207
1327A620	111097
1327A661	112551
1327A690	113453
1327A691	113453
132D906	110452
132F906	110452
132F916	111097
132G906	110452
1403010	112107
2311040	110347
2311210	110205
2996101	110527
2998000	110525
2998001	110524
2998002	111638
2998003	111636
2998004	110527
2998006	110214
2998007	110531
2998008	110207
2998009	110209
2998010	110210
2998011	110206
2998054	110112
2998055	110116
2998056	110043
2998150	111000
2998200	110529
2998201	110518
2998230	112097
AC203/80/24	112017
AC203R11524-12	111808
AC203R11524-22	111972
AC203R11524-26	111972
AC203R11524-29	111972
CA45-12Y72	111024
CA4512-11	110452
CA4512-18	110454
CA4512-2	110449
CA4512-3	110450
CA4512-51	110449
CA4512-62	110493
CA4512-72	111024
CA4512-Y3M	110450
CA4512-Y4	110453
CA4524-112	111097
CA4524-11M	112085
CA4524-18	110998
CA4524-2	110566
CA4524-4	112085
CA4524-95M	112085
CA45C12-18	110454
CA45C12-51	110454
CA45C24-2	110566
CA45D12-18	110454
CA45D12-2	110449
CA45D12-2M	110449
CA45D12-3	110450

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
CAV	
CA45D12-51	110449
CA45D12-55M	112084
CA45D12-72	111024
CA45D12-83	112158
CA45D12-95M	110452
CA45D12-Y51	110449
CA45D24-18	110998
CA45D24-2	110566
CA45D24-3M	112091
CA45D24-55	112090
CA45F12-11M	110452
CA45F12-18	110454
CA45F12-2	110449
CA45F12-3	110450
CA45F12-3M	110450
CA45F12-51	110449
CA45F12-51A	110449
CA45F12-55M	112084
CA45F12-62	110493
CA45F12-72	111024
CA45F12-83	112158
CA45F12-95M	110452
CA45F12-Y11M	110452
CA45F12-Y18	110454
CA45F12-Y2	110449
CA45F12-Y3M	110450
CA45F12-Y51	110449
CA45F12-Y72	111024
CA45F12-Y83	110454
CA45F24-112	111097
CA45F24-11M	112085
CA45F24-121	113453
CA45F24-18	110998
CA45F24-2	110566
CA45F24-3M	112091
CA45F24-47	110566
CA45F24-55	112090
CA45F24-55M	112090
CA45F24-95M	112085
CA45F24-Y2	110566
CA45F24-Y55M	112091
CA45F24-Y78	110527
CA45G12-11M	110452
CA45G12-124M	112084
CA45G12-125M	112248
CA45G12-18	110454
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CA45G12-51	110449
CA45G12-55M	112084
CA45G12-62	110493
CA45G12-72	111024
CA45G12-83	112158
CA45G12-95	110452
CA45G12-95M	110452
CA45G24-112	111097
CA45G24-11M	112085
CA45G24-124M	112090
CA45G24-125M	112372
CA45G24-12M	113453
CA45G24-18	110998
CA45G24-2	110566
CA45G24-3M	112091
CA45G24-55M	112090
CA45G24-95M	112085
CA45H12-11M	110452
CA45H12-125M	112248
CA45H12-18	110454
CA45H12-2	110449
CA45H12-3M	110450
CA45H12-72	111024
CA45H12-83	112158
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CA45H24-2	110566
CA45H24-3M	112091
S11424-18	111798
S11512-10	112158
S11512-1X	110453
S11512-2	111024

O.E. No.	HC-CARGO
CAV	
S11512-3M	110450
S11512-5	112655
S11512-9	110454
S11524-1	110566
S11524-19	112180
S11524-23	111097
S11524-23X	111097
S11524-7	111097
S11524-7X	111097
S11524-8	111097
S11524-9	110998
S115A12-1	110449
S115A12-10	112158
S115A12-11M	112248
S115A12-12	111024
S115A12-15M	110452
S115A12-2	111024
S115A12-3M	110450
S115A12-4M	112084
S115A12-5	112655
S115A12-9	110454
S115A24-1	110566
S115A24-11M	112372
S115A24-15M	112085
S115A24-18	111798
S115A24-19	112180
S115A24-21	110207
S115A24-23	111097
S115A24-29	111097
S115A24-30M	113453
S115A24-3M	112091
S115A24-4M	112090
S115A24-7	111097
S115A24-9	110998
S115HD24-2	112107
Z1320F183	110454
Z1320F515	110449
Z1320F621	110493
Z1320F720	111024
CHEVROLET	
96469962	113860
96469963	111684
CHRYSLER	
05033556AA	113613
2095150	110223
2098500	110223
2642121	110074
2875560	110223
2875844	110074
3000010	110074
3000011	110074
3131371	110231
3131372	110231
3182774	110509
33002709	111349
33002941	112447
33003511	111486
3438176	110236
3438177	110236
3438178	110236
3438179	110236
3438180	110236
3514308	110236
3621860	110236
3621861	110236
3621866	110236
3621867	110236
3656130	110236
3656131	110236
3656395	110236
3656397	110236
3656455	110236
3656459	110236
3656570	110236
3656575	110223
3656650	110223
3755250	110222

O.E. No.	HC-CARGO
CHRYSLER	
3755259	110223
3755413	110236
3755585	112848
3755900	110223
3780589	110236
38522303	112420
3856713	110236
3874777	110236
4091002	112848
4091460	112848
4091461	112848
4091950	110222
4091975	110223
4111860	110222
4145360	110222
4145568	110222
4339474	113095
4349144	111764
4364944	111191
4379143	111456
4379144	111456
4379160	111764
4419308	111425
44193080	111456
4419311	111425
4419312	111425
4419340	111456
4428082	110516
4428221	113101
4439474	113095
4467185	111456
4557209	111425
4557284	111456
4557301	113064
4557384	111456
4557432	111813
4557466	111396
4557468	111396
4557709	111492
46-0955	112828
4606622AA	113027
4609003	112447
4609010	113105
4609011	112845
4609034	113066
4609058	112846
4609075	113027
4609090	113066
4609093	113066
4609101	111529
4609150	113287
4609230	113070
4609230AA	113070
4609300	113027
4609300AC	113027
4609320	111259
4609346	113242
4609346AB	113242
4609415	113067
4609703	113115
4609999	113365
4609999AB	113365
4671041	111530
4671084	111456
4671130	111425
4671320	113069
4672108	112816
4686019	111815
4686021	111814
4686045	111492
4686098	112583
4686099	113235
4686104	113117
4686106	111530
4686107	112432
4686109	111492
4686111	113241
4727036	111814
4727206	112195
4727220	112583
4727221	113235
4727329	113235

O.E. No.	HC-CARGO
CHRYSLER	
4727329A	113235
4727329AA	113235
4741012	113114
4746639	113114
4793110	111396
4793189	111530
4793190	111530
4793210	111396
4793493	113613
4793692	113360
4793692AB	113360
4793804	113587
4796981	112301
4808034	113066
480955	110636
50-822462	112826
5033133AA	113613
5033133AB	113613
5033133AC	113613
5033556AA	113613
51-4955	112828
5170746AA	113607
5206971	110514
5206981	110514
5212190	113095
5213045	113095
5213049	113095
5213053	110514
5213079	110514
5213301	113039
5213450	113095
5213540	110514
5213541	110514
5213590	113095
5213645	113095
5213762	110514
5213763	110514
5223449	111191
5226135	110514
5226200	110515
5226432	110516
5226444	111425
5226742	113095
5226842	111425
5226844	111764
5226948	111456
5227100	110515
5227248	111456
5227267	110516
5227282	111425
5227342	111425
5227548	111456
5227672	113050
5233006	111425
5233007	111425
5233160	110516
523318	113052
5233199	110516
5233416	111193
5233417	111191
5233418	113052
5233449	111191
5233472	110515
5233474	110515
5233508	110516
5233599	111192
5233608	113051
5233660	111192
5233672	113053
5233673	111191
5233718	111193
5233949	111191
5234026	111193
5234027	111193
5234028	113054
5234029	113055
5234031	111193
5234032	113056
5234033	113060
5234199	113058
5234201	113064
5234208	113058

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O.E. No.	HC-CARGO
CHRYSLER	
5234260	113059
5234361	113043
5234374	113061
5234509	111492
5234648	111456
5234651	111192
5243449	111191
5243949	111191
5252539	113052
5256427	110516
53002898	110986
53004632	112855
53005984	111764
53008646	113065
53008647	113057
53008651	113062
5334509	111492
54041012AC	111349
56004934	113044
56005684	111193
56005684AB	113357
56005685	113063
56005685AB	113063
56005685AC	113358
56005686	113068
56005686AB	113363
56007912	112833
56021012AB	111349
56027221	113061
56027221AB	113362
56027317	111349
56027350	111490
560277002	113116
56027702	113116
56027702AB	113120
56027702AC	113120
56027703AC	113619
56027904	112301
56027912	112833
56027912AB	113359
56027913	113071
56027913AB	113364
56028238	113568
56028238AB	113564
56028691	113606
56028920AB	113364
56041012	111349
56041012AB	111349
56041012AE	111349
56041013	112301
56041013AC	113047
56041014	111349
56041021AD	111349
56041136AB	113642
56041207	113618
56041207AB	113618
56041207AC	113618
56041207AD	113618
56041322	113569
56041324	113559
56041324AC	113559
56041685AA	113641
56041693AA	113607
56041693AB	113607
56041693AC	113607
56041822AA	113358
59005685	113063
616955	110636
CLAAS	
1053560	110525
1322450	110537
1326150	110537
6853810	110525
7901820	111649
CLARK	
2355692	111190
2355695	110942

O.E. No.	HC-CARGO
CLARK	
2817056	111699
3737270	111793
6632415	110942
807950	110947
896892	110175
911410	110947
918306	113668
920670	111272
CUMMINS	
111640	110801
157579	110436
185617	110436
195827	112089
195828	112089
195829	112089
195830	112089
195833	112089
195834	112089
195835	112089
197125	110436
200305	110416
2031179	111261
203176	111261
203177	110416
203179	111261
204559	113724
213298	112260
213299	112260
214169	110300
214318	110591
3000346	112263
3000347RX	112261
3004699	112254
3004700	112254
3004806	113000
3008988	112262
3010125RX	110347
3016627	110801
3016627RX	110801
3016628	112989
3021036	111000
3021038	110347
3043007	112255
3043008	112255
3043010	112243
3056492	112265
3062333	112264
3072483	112265
3078116	110591
3103304	113550
3103915	113550
3251135	112160
3279496	110436
3282554	111843
3283214	112544
3283329	112267
3283330	112267
3283812	111885
3283813	113429
3283814	112544
3575205RX	110485
3603848RX	111261
3603850RX	110416
3603851RX	112260
3603852RX	112303
3603853RX	110300
3603854RX	112262
3603857RX	110957
3603858RX	110957
3603859RX	110957
3603860RX	110177
3603862RX	111000
3603863RX	112089
3603864RX	110436
3603865RX	112258
3603866RX	110346
3603868RX	112089
3603877RX	113000
3603888RX	110347

O.E. No.	HC-CARGO
CUMMINS	
3604225RX	110591
3604233RX	110999
3604234RX	110957
3604321RX	111000
3604323RX	110436
3604473RX	112989
3604475RX	110505
3604476RX	110952
3604481RX	112267
3604482RX	112267
3604483RX	112255
3604484RX	110999
3604485NW	113725
3604485RX	113725
3604630RX	113101
3604648	112267
3604654	113452
3604659RX	112999
3604660NW	113725
3604663RX	110233
3604666AX	112824
3604666RX	112993
3604669RX	110499
3604676RX	110801
3604679RX	112263
3604684RX	113114
3604784RX	110999
3604877RX	113000
3610942	112089
3675109RX	112998
3675121RX	112255
3675147RX	110488
3675154NW	113725
3675154RX	113725
367520RX	111760
3675242RX	112160
3675245	113429
3675247RX	112544
3901365	112267
3901386	112267
3904445	112267
3904466	113725
3905480	112267
3907622	110436
3908594	112169
3909913	112267
3910643	112255
3910644	112243
3910645	110436
3910646	110999
3912084	113101
3916854	112267
3918376	113452
3918377	111760
3918558	112993
3920328	113429
3920329	112544
3920403	113725
3920615	111232
3920616	111232
3920617	112160
3920618	112160
3920643	113725
3920678	112170
3920679	111888
3921012	113429
3921682	113114
3923550	110801
3923624	112493
3926932	111760
3926960	113725
3935070	112267
3935530	112160
3947412	113001
3964428	113725
504065529	110175
554560	110436
604662RX	112544
87419387	113429
CCA0220	110175

O.E. No.	HC-CARGO
CUSHMAN	
883282	113014
883285	113014
884218	113014
884932	113014
884982	113014
885002	113014
888919	110421
893191	113014
DAEWOO	
219232	113685
25026005	113457
25026006	113458
65.26201-7039	111683
65.26201-7044	112502
65.26201-7049	113456
65.26201-7050	112344
65.26201-7059	111709
96190262	113349
96221945	113498
96258990	113349
96275481	111849
96289430	113860
96303556	113350
96314258	111847
96380673	111847
96430344	111123
96430345	111848
96497702	113860
96518124	111847
96518887	111849
96550782	111684
96569440	111849
96943428	111849
DAF	
1201327	111399
1232608	113488
1244090	112343
1248660	113488
1254010	112343
1274480	110895
1284775	112581
1298995	112159
1357212	112581
1387383	113760
181991	113477
266679	113488
365211	110981
666754	112343
DAIHATSU	
27020-13010-000	110138
27020-13110-000	110274
27020-13140-000	110274
27020-13160-000	110274
27020-15022-000	110273
27020-22011-000	110137
27020-24061-000	110138
27020-24062-000	110138
27020-26021-000	110138
27020-31051-000	110137
27020-72030-000	110248
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27020-87209-000	110137
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27030-87706-000	110929
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27040-64052-000	110685
27040-64150-000	110685
27060-87104-000	111595
27060-87211-000	111951
27060-87212-000	111951
27060-87601-000	111437
27060-87602-000	111437
27060-87603-000	111610

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
DAIHATSU	
27060-87608-000	111610
27060-87701-000	110374
27060-87704-000	110374
27060-87705-000	110374
27060-87706-000	111604
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27060-87714-000	111610
27060-87719-000	112212
27060-87721-000	111610
27060-97705-000	110374
28100-13060-000	110153
28100-15070-000	110290
28100-72010-000	110397
28100-72080-000	110397
28100-87106-000	111553
28100-87316-000	111525
28100-87401-000	112369
28100-87526-000	111088
28100-87548-000	111088
28100-87601-000	110473
28100-87603-000	111464
28100-87708-000	110298
28100-87709-000	111447
28100-87710-000	110400
28100-87713-000	110400
28100-87715-000	111548
28100-87719-000	111449
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28100-87729-000	111548
28100-87730-000	111548
28100-87731-000	111548
28100-87734-000	110298
DELCO	
10463755	113806
DCS8370	113851
DRA0071	110483
DRA0072	110484
DRA0110	111649
DRA0112	110236
DRA0120	110890
DRA0120	110899
DRA0120	111035
DRA0120	111180
DRA0130	110641
DRA0135	110514
DRA0140	111662
DRA0150	112098
DRA0160	112098
DRA0164	110542
DRA0170	112098
DRA0190	111141
DRA0211	112688
DRA0220	110735
DRA0240	110877
DRA0240	110887
DRA0280	111166
DRA0300	110116
DRA0340	111478
DRA0350	110887
DRA0510	110990
DRA0520	110895
DRA0540	110762
DRA0540	111139
DRA0542	110762
DRA0550	110884
DRA0560	110968
DRA0570	111151
DRA0580	111652
DRA0590	110357
DRA0590	111652
DRA0600	110357
DRA0600	111652
DRA0610	110360
DRA0610	111287
DRA0620	110913
DRA0620	110975
DRA0670	110877
DRA0680	110877

O.E. No.	HC-CARGO
DELCO	
DRA0690	110876
DRA0700	110877
DRA0700	112310
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DRA0933	111665
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DRA0940	111148
DRA0970	110890
DRA0970	111686
DRA0980	110890
DRA0980	110912
DRA0980	111138
DRA0980	112719
DRA0990	110769
DRA0990	110897
DRA0990	111651

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DRA1001	110916
DRA1002	111075
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DRA1060	110975
DRA1060	111652
DRA1080	110730
DRA1080	110968
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DRA1100	110360
DRA1110	111083
DRA1120	111096
DRA1150	110987
DRA1190	110112
DRA1193	110048
DRA1210	110911
DRA1210	113758
DRA1230	110116
DRA1240	110880
DRA1240	110987
DRA1250	110043
DRA1251	110043
DRA1251	111834
DRA1260	110766
DRA1262	110766
DRA1270	112098
DRA1272	112098
DRA1280	111667
DRA1290	110751
DRA1300	111141
DRA1310	110113
DRA1320	110117
DRA1320	110766
DRA1330	112736
DRA1340	112097
DRA1350	111086
DRA1350	111289
DRA1350	111362
DRA1360	110729
DRA1360	110971
DRA1360	112098
DRA1370	112732
DRA1380	110178
DRA1380	110968
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DRA1380	111289
DRA1390	110880
DRA1410	111138
DRA1410	112768
DRA1420	112724
DRA1440	110875
DRA1440	111324
DRA1450	110761
DRA1460	110917
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DRA1470	111083
DRA1480	110767
DRA1500	110919
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DRA1500	111652
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DRA1600	111629

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DRA1691	110179
DRA1691	110759
DRA1691	111184
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DRA1691	113378
DRA1711	110915
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DRA1751	110745
DRA1791	110744
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DRA1831	112733
DRA1931	110743
DRA1932	110743
DRA1941	110745
DRA1981	110144
DRA2061	111075
DRA2101	110611
DRA2121	110349
DRA2241	111071
DRA2301	110992
DRA2301	111289
DRA2311	110744
DRA2311	111072
DRA2311	112749
DRA2341	111078
DRA2361	111144
DRA2381	110137
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DRA2391	110138
DRA2391	110139
DRA2391	110407
DRA2391	113048
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DRA2401	110138
DRA2401	110258
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DRA2541	110259
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DRA2571	110258
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DRA2591	110138
DRA2591	110139
DRA2591	110248
DRA2591	113048
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DRA2601	110668
DRA2601	111297
DRA2601	111796
DRA2611	110318
DRA2611	110324
DRA2621	110134
DRA2621	110383
DRA2641	110134

Cross Reference List

O.E. No.	HC-CARGO
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DRA2641	110383
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DRA2661	110324
DRA2671	110260
DRA2671	110383
DRA2671	110458
DRA2681	110168
DRA2691	110273
DRA2710	112742
DRA2720	110076
DRA2720	111834
DRA2721	110076
DRA2741	110754
DRA2741	110920
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DRA2781	110350
DRA2790	111076
DRA2790	112149
DRA2790	112162
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DRA2794	110907
DRA2800	110358
DRA2860	111799
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DRA3033	110666
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DRA3037	110660
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DRA3038	110806
DRA3038	111240
DRA3038	111929
DRA3043	110457
DRA3044	110642
DRA3046	111692
DRA3047	110693
DRA3048	111617
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DRA3055	110496
DRA3055	110678
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DRA3055	111705
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DRA3057	110930
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DRA3058	113049
DRA3059	111428

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DRA3068	112749
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DRA3070	113469
DRA3073	112733
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DRA3075	111661
DRA3076	111171
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DRA3087	111322
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DRA3104	112531
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DRA3124	110567
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DRA3147	110957

O.E. No.	HC-CARGO
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DRA3156	110679
DRA3157	110675
DRA3157	111428
DRA3158	112973
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DRA3163	111290
DRA3164	110489
DRA3165	111290
DRA3165	111291
DRA3166	111308
DRA3167	110663
DRA3167	111342
DRA3168	110667
DRA3169	111317
DRA3173	111315
DRA3174	111337
DRA3176	111237
DRA3177	111408
DRA3178	113519
DRA3179	113463
DRA3180	110919
DRA3183	110687
DRA3183	111243
DRA3184	110666
DRA3185	110804
DRA3186	110687
DRA3187	110956
DRA3188	111314
DRA3189	111344
DRA3189	112210
DRA3190	110357
DRA3190	111652
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DRA3217	110385
DRA3218	110696
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DRA3220	111289
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DRA3227	110685
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DRA3236	112787
DRA3238	110618
DRA3239	112782
DRA3243	110619
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DRA3244	112793
DRA3245	112298
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DRA3245	113438
DRA3246	112795

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DRA3249	111326
DRA3250	111035
DRA3250	113473
DRA3254	112790
DRA3257	112791
DRA3258	111162
DRA3258	112789
DRA3259	111496
DRA3260	111074
DRA3260	111288
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DRA3263	111820
DRA3265	111301
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DRA3275	111187
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DRA3279	111294
DRA3283	113472
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DRA3286	111738
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DRA3287	112238
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DRA3294	112238
DRA3294	112722
DRA3295	111427
DRA3296	111186
DRA3297	111235
DRA3298	111467
DRA3299	111278
DRA3303	111432
DRA3304	111394
DRA3304	111435
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DRA3306	110663
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DRA3307	110665
DRA3308	110660
DRA3308	111245
DRA3313	111371
DRA3313	113032
DRA3314	110811
DRA3314	110928
DRA3316	111240
DRA3317	110671
DRA3317	112968
DRA3318	111236
DRA3320	110105
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DRA3326	111268
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DRA3334	111614
DRA3336	111279
DRA3337	110967
DRA3339	111435

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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DRA3355	111418
DRA3355	113838
DRA3356	111324
DRA3357	111511
DRA3358	112679
DRA3359	111520
DRA3363	111521
DRA3364	111326
DRA3367	111367
DRA3367	111743
DRA3368	110607
DRA3368	111754
DRA3369	111623
DRA3369	111742
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DRA3375	112081
DRA3376	111267
DRA3377	111491
DRA3378	111952
DRA3379	113832
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DRA3385	112298
DRA3386	110448
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DRA3394	111413
DRA3395	111412
DRA3396	111725
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DRA3438	111309
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DRA3454	112191

O.E. No.	HC-CARGO
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DRA3461	110374
DRA3464	110770
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DRA3467	111469
DRA3468	110672
DRA3468	110928
DRA3469	111872
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DRA3477	110307
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DRA3478	112329
DRA3479	111426
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DRA3484	112087
DRA3485	112695
DRA3486	112695
DRA3487	111512
DRA3488	111531
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DRA3494	110622
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DRA3498	111517
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DRA3509	111439
DRA3509	111705
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DRA3514	111536
DRA3515	111537
DRA3516	111580
DRA3517	113078
DRA3518	111483
DRA3519	110629
DRA3524	113865
DRA3525	112815
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DRA3527	111631
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DRA3529	112770
DRA3533	111654
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DRA3536	112121
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DRA3540	110766
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DRA3556	110178

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DRA3558	111629
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DRA3576	110482
DRA3583	111756
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DRA3593	111708
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DRA3627	111723
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DRA3637	111846
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DRA3734	111936
DRA3735	111937
DRA3736	112165
DRA3737	111599

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DRA3740	113866
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DRA3748	111596
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DRA3754	112144
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DRA3756	112203
DRA3757	112202
DRA3763	112031
DRA3764	111498
DRA3765	112707
DRA3765	112752
DRA3766	111568
DRA3768	113336
DRA3769	111860
DRA3777	111176
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DRA3779	111967
DRA3783	111719
DRA3784	111775
DRA3830	110770
DRA3830	111356
DRA3830	111364
DRA3830	111366
DRA3840	111144
DRA3841	111528
DRA3841	111658
DRA3841	113477
DRA3860	111086
DRA3860	111364
DRA3880	110882
DRA3880	112768
DRA3890	110912
DRA3890	112719
DRA3890	112768
DRA3900	111799
DRA3910	112760
DRA3940	113574
DRA3970	111156
DRA3970	112749
DRA4000	111162
DRA4000	111172
DRA4000	112738
DRA4003	111072
DRA4003	111172
DRA4010	112725
DRA4020	112734
DRA4020	112785
DRA4034	111652
DRA4040	110987
DRA4040	111652
DRA4040	111653
DRA4070	112288
DRA4080	111147
DRA4120	111320
DRA4136	113864
DRA4140	112730
DRA4170	112740
DRA4180	110107
DRA4180	111150
DRA4210	110917
DRA4210	112779
DRA4220	111094
DRA4220	112149
DRA4230	111539
DRA4230	111668
DRA4230	112149
DRA4240	112735
DRA4250	110902
DRA4250	111152
DRA4270	110906
DRA4291	110136
DRA4291	110271
DRA4301	110383
DRA4311	110138

Cross Reference List

O.E. No.	HC-CARGO
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DRA4311	110319
DRA4311	112270
DRA4321	110250
DRA4321	113806
DRA4341	110563
DRA4350	112784
DRA4370	111658
DRA4370	112345
DRA4391	110348
DRA4400	110895
DRA4420	111419
DRA4420	111987
DRA4430	112747
DRA4450	111164
DRA4450	112050
DRA4453	111669
DRA4454	111669
DRA4460	111169
DRA4460	111800
DRA4460	112056
DRA4463	111169
DRA4463	111800
DRA4463	112056
DRA4463	112229
DRA4470	110891
DRA4490	111154
DRA4490	111668
DRA4500	111094
DRA4500	112149
DRA4510	111539
DRA4520	111288
DRA4530	110902
DRA4550	110896
DRA4550	111287
DRA4560	111287
DRA4570	112149
DRA4580	111174
DRA4580	112735
DRA4590	110877
DRA4620	110358
DRA4630	112727
DRA4640	111148
DRA4640	111668
DRA4650	111166
DRA4650	111178
DRA4652	111166
DRA4660	112056
DRA4662	112056
DRA4700	112746
DRA4710	112746
DRA4730	110993
DRA4740	110754
DRA4740	110920
DRA4740	111082
DRA4740	112298
DRA4740	112728
DRA4771	110888
DRA4780	111163
DRA4801	111072
DRA4801	111171
DRA4810	112726
DRA4810	112744
DRA4821	110921
DRA4831	111841
DRA4832	112754
DRA4841	110905
DRA4841	111162
DRA4850	111144
DRA4861	110889
DRA4881	110892
DRA4890	112739
DRA4910	111629
DRA4990	111152
DRA4990	111154
DRA4990	111668
DRA5010	111095
DRA5020	112453
DRA5061	110137
DRA5061	110258
DRA5141	110406
DRA5161	110134

O.E. No.	HC-CARGO
DELCO	
DRA5161	110271
DRA5161	110383
DRA5201	110405
DRA5211	110318
DRA5211	110324
DRA5241	110668
DRA5321	112208
DRA5331	110631
DRA5331	110632
DRA5411	110264
DRA5411	112270
DRA5431	110131
DRA5431	110267
DRA5431	110703
DRA5491	110319
DRA5501	110678
DRA5501	111435
DRA5501	111705
DRA5521	110248
DRA5591	110251
DRA5630	111686
DRA5641	111036
DRA5670	111160
DRA5690	110876
DRA5700	112771
DRA5720	112780
DRA5730	110904
DRA5760	110882
DRA5760	111418
DRA5760	113838
DRA5780	112761
DRA5820	112748
DRA5841	110908
DRA5871	110327
DRA5871	110692
DRA5890	112774
DRA5910	113470
DRA6000	111157
DRA6010	110770
DRA6010	111289
DRA6010	111362
DRA6050	112725
DRA6060	111356
DRA6060	111364
DRA6100	111359
DRA6110	111289
DRA6150	111293
DRA6150	111741
DRA6160	112759
DRA6230	112768
DRA6240	112076
DRA6240	112758
DRA6250	112056
DRA6260	112741
DRA6260	112763
DRA6263	111288
DRA6263	112763
DRA6270	112777
DRA6280	112757
DRA6281	111527
DRA6301	110675
DRA6301	111428
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DRA6360	112734
DRA6480	112162
DRA6480	113624
DRA6490	112788
DRA6510	111287
DRA6520	112745
DRA6530	111170
DRA6532	111170
DRA6540	111166
DRA6540	111170
DRA6542	111170
DRA6631	111623
DRA6641	110374
DRA6641	110620
DRA6641	111604
DRA6651	110991
DRA6651	111035

O.E. No.	HC-CARGO
DELCO	
DRA6660	111157
DRA6660	111161
DRA6660	112750
DRA6690	111293
DRA6750	111620
DRA6750	111654
DRA6750	111686
DRA6770	113864
DRA6780	111860
DRA6780	112453
DRA6790	112765
DRA6800	113632
DRA6810	111354
DRA6820	111354
DRA6820	112529
DRA6860	113839
DRA6920	111146
DRA6941	112752
DRA6941	113500
DRA6941	113789
DRA6961	110622
DRA6991	111429
DRA7031	110692
DRA7040	111157
DRA7051	110768
DRA7112	110891
DRA7221	110163
DRA7231	110163
DRA7241	111331
DRA7271	110620
DRA7271	111048
DRA7301	111171
DRA7311	112752
DRA7311	113500
DRA7311	113789
DRA7321	111325
DRA7321	112756
DRA7380	112194
DRA7380	112539
DRA7410	110895
DRA7420	111629
DRA7450	110105
DRA7450	113632
DRA7460	112764
DRA7760	112803
DRA7770	112159
DRA7791	111659
DRA7880	112814
DRA7890	110881
DRA7970	112539
DRA7990	112194
DRA8080	111154
DRA8100	112234
DRA8100	112729
DRA8130	113576
DRA8160	111369
DRA8170	112529
DRA8180	112806
DRA8200	112801
DRA8260	112530
DRA8290	111833
DRA8320	112812
DRA8330	112804
DRA8330	112811
DRA8340	112797
DRA8351	111331
DRA8351	112113
DRA8390	111353
DRA8390	111879
DRA8390	112543
DRA8600	111732
DRA8600	112229
DRA8610	111676
DRA8610	111677
DRA8610	113885
DRA8630	112554
DRA8630	112557
DRA8641	112807
DRA8650	111292
DRA8660	112691
DRA8670	111977

O.E. No.	HC-CARGO
DELCO	
DRA8680	111887
DRA8690	112694
DRA8720	112787
DRA8791	112231
DRA8791	112299
DRA8791	112772
DRA8910	111850
DRA8930	112086
DRA8940	112712
DRA8950	111733
DRA8950	111991
DRA8960	113576
DRA8990	112680
DRA9030	112709
DRA9080	113885
DRA9090	111988
DRA9100	111776
DRA9100	112687
DRA9130	111987
DRA9150	112810
DRA9150	112813
DRA9170	112557
DRA9180	113865
DRA9200	112538
DRA9210	111991
DRA9220	113831
DRA9230	112689
DRA9240	111426
DRA9240	111732
DRA9250	111514
DRA9250	112558
DRA9260	111746
DRA9280	111879
DRA9300	113485
DRA9330	112456
DRA9340	112076
DRA9440	111677
DRA9450	112799
DRA9460	112860
DRA9481	112683
DRA9501	111687
DRA9510	113447
DRA9520	111988
DRA9520	112045
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DRA9570	111891
DRA9620	111901
DRA9630	112692
DRA9650	111895
DRA9660	112708
DRA9690	112777
DRA9690	113758
DRA9700	113833
DRA9711	110968
DRA9760	111893
DRA9780	111318
DRA9790	112561
DRA9810	113531
DRA9831	113868
DRA9870	112693
DRA9881	111623
DRA9881	111742
DRA9891	112698
DRA9941	112703
DRA9971	111330
DRB0061	112682
DRB0101	112678
DRB0161	112808
DRB0180	111890
DRB0201	112287
DRB0221	111318
DRB0231	111532
DRB0260	112561
DRB0270	111894
DRB0320	111858
DRB0330	111899
DRB0340	111478
DRB0350	113770
DRB0360	111898
DRB0370	112557

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
DELCO	
DRB0380	111946
DRB0390	111873
DRB0400	111675
DRB0410	112532
DRB0430	111718
DRB0430	111897
DRB0830	112209
DRB0850	111980
DRB0860	113341
DRB0870	111878
DRB0880	111825
DRB0910	111993
DRB0930	112710
DRB0940	111820
DRB0950	111884
DRB0990	111857
DRB1030	113448
DRB1080	112413
DRB1150	112078
DRB1160	112860
DRB1170	111468
DRB1180	111992
DRB1190	112413
DRB1200	113867
DRB1240	111824
DRB1250	113879
DRB1260	111990
DRB1260	112416
DRB1290	112193
DRB1300	111828
DRB1310	112408
DRB1320	111902
DRB1330	111986
DRB1351	111513
DRB1361	112094
DRB1401	113604
DRB1451	111788
DRB1461	112704
DRB1461	113439
DRB1480	113340
DRB1490	112079
DRB1500	111989
DRB1510	112075
DRB1530	112197
DRB1840	112046
DRB1950	112198
DRB1990	112073
DRS0010	110826
DRS0020	110859
DRS0030	110829
DRS0030	111055
DRS0030	111127
DRS0040	110364
DRS0070	111133
DRS0080	110855
DRS0110	110997
DRS0120	110341
DRS0120	110784
DRS0120	110792
DRS0121	110341
DRS0121	110784
DRS0131	110784
DRS0131	110792
DRS0140	110855
DRS0150	110774
DRS0150	110822
DRS0151	110774
DRS0151	110822
DRS0151	110835
DRS0170	110771
DRS0190	110830
DRS0200	110793
DRS0200	111066
DRS0220	110797
DRS0250	111056
DRS0260	111068
DRS0261	110794
DRS0261	111068
DRS0262	110794
DRS0290	111106
DRS0300	110337
DRS0300	111053

O.E. No.	HC-CARGO
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DRS0310	110367
DRS0310	110585
DRS0310	111251
DRS0330	111104
DRS0330	111131
DRS0340	110823
DRS0350	110340
DRS0360	110858
DRS0370	110410
DRS0390	110410
DRS0390	111053
DRS0390	111131
DRS0390	111750
DRS0400	110336
DRS0400	111131
DRS0410	110339
DRS0410	111058
DRS0420	110339
DRS0420	111058
DRS0430	110624
DRS0440	110825
DRS0440	111228
DRS0450	110825
DRS0450	112289
DRS0460	110340
DRS0460	110865
DRS0470	111061
DRS0480	110339
DRS0490	110339
DRS0490	111058
DRS0510	110771
DRS0530	110363
DRS0550	111099
DRS0570	110864
DRS0580	111099
DRS0590	111114
DRS0590	112541
DRS0610	110772
DRS0630	111052
DRS0640	110868
DRS0650	110160
DRS0650	111054
DRS0650	111489
DRS0670	111135
DRS0690	110341
DRS0690	110792
DRS0710	110336
DRS0710	110831
DRS0710	110870
DRS0720	111105
DRS0730	110840
DRS0730	111741
DRS0770	111209
DRS0780	110824
DRS0800	110824
DRS0800	111010
DRS0820	110368
DRS0820	110777
DRS0850	110869
DRS0850	110997
DRS0870	111052
DRS0880	110836
DRS0890	110862
DRS0900	110838
DRS0920	110996
DRS0920	111060
DRS0930	110839
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DRS0950	112251
DRS0950	113380
DRS0960	110536
DRS0960	113465
DRS0970	113466
DRS0980	110520
DRS0980	111638
DRS0990	110536
DRS1000	110775
DRS1020	111332
DRS1040	111004
DRS1050	110368
DRS1060	110520

O.E. No.	HC-CARGO
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DRS1060	110814
DRS1060	111737
DRS1063	111693
DRS1070	110779
DRS1070	110847
DRS1080	110812
DRS1090	111112
DRS1110	111109
DRS1130	111752
DRS1140	110536
DRS1140	112660
DRS1143	110536
DRS1150	110368
DRS1150	110439
DRS1160	110517
DRS1170	111636
DRS1180	113467
DRS1200	110439
DRS1200	110536
DRS1210	111332
DRS1220	110519
DRS1220	110529
DRS1220	110640
DRS1240	110525
DRS1240	113482
DRS1270	110523
DRS1270	113464
DRS1280	110527
DRS1280	112132
DRS1290	111640
DRS1300	111638
DRS1310	110517
DRS1310	110521
DRS1330	110518
DRS1330	110520
DRS1360	110524
DRS1380	111637
DRS1410	110512
DRS1420	110512
DRS1430	110214
DRS1440	110531
DRS1440	110592
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DRS1460	110534
DRS1470	110209
DRS1490	110206
DRS1490	110210
DRS1510	110210
DRS1520	110205
DRS1520	110209
DRS1540	110537
DRS1550	110512
DRS1570	110206
DRS1580	110533
DRS1601	110829
DRS1611	111102
DRS1651	110367
DRS1671	110856
DRS1691	110794
DRS1691	110795
DRS1691	110796
DRS1691	111068
DRS1701	110821
DRS1721	110774
DRS1731	111100
DRS1741	110367
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DRS1783	110835
DRS1811	110795
DRS1811	111064
DRS1812	111064
DRS1821	110783
DRS1831	110367

O.E. No.	HC-CARGO
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DRS1831	110866
DRS1871	110338
DRS1871	110365
DRS1871	110826
DRS1891	110365
DRS1891	111585
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DRS1910	110826
DRS1921	110827
DRS1941	110608
DRS1981	110421
DRS2021	110152
DRS2021	110154
DRS2031	110152
DRS2061	110152
DRS2061	110154
DRS2071	110277
DRS2071	110308
DRS2071	112982
DRS2091	110144
DRS2091	110308
DRS2101	110277
DRS2101	110308
DRS2111	110143
DRS2111	110256
DRS2131	110148
DRS2131	110283
DRS2131	110286
DRS2161	110145
DRS2171	110157
DRS2171	110158
DRS2171	110315
DRS2172	110315
DRS2172	110479
DRS2172	110958
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DRS2211	110153
DRS2221	110153
DRS2221	110395
DRS2231	110142
DRS2231	110277
DRS2251	110152
DRS2251	110154
DRS2261	110983
DRS2271	110149
DRS2271	111310
DRS2281	110286
DRS2291	110279
DRS2301	110158
DRS2301	110315
DRS2301	110479
DRS2311	110399
DRS2320	110824
DRS2320	111010
DRS2330	110785
DRS2340	110587
DRS2343	111130
DRS2360	110865
DRS2380	111065
DRS2380	111851
DRS2380	112440
DRS2420	111755
DRS2440	110789
DRS2480	110211
DRS2480	110212
DRS2581	110146
DRS2590	111059
DRS2590	111523
DRS2590	111748
DRS2600	111059
DRS2620	112533
DRS2623	112533
DRS2640	110824
DRS2660	113845
DRS2670	110529
DRS2670	110813
DRS2670	113381
DRS2680	112135
DRS2690	110368
DRS2700	113464
DRS2710	110530
DRS2720	110522

Cross Reference List

O.E. No.	HC-CARGO
DELCO	
DRS2730	110535
DRS2740	110208
DRS2831	110182
DRS2841	110159
DRS2851	110145
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DRS2851	111458
DRS2861	110286
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DRS2871	110315
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DRS2872	110479
DRS2881	110421
DRS2881	111475
DRS2901	110295
DRS2901	110297
DRS2901	111451
DRS2911	110278
DRS2921	110143
DRS2921	111441
DRS2921	111634
DRS2921	111728
DRS2931	110155
DRS2931	110256
DRS2932	110256
DRS2932	111452
DRS2933	110156
DRS2980	110838
DRS2990	110530
DRS2990	110869
DRS3010	111347
DRS3014	110404
DRS3015	111386
DRS3017	110252
DRS3017	113097
DRS3018	110708
DRS3018	111387
DRS3018	112336
DRS3019	110708
DRS3023	110397
DRS3024	110323
DRS3025	110709
DRS3026	110400
DRS3027	110351
DRS3028	113036
DRS3029	110714
DRS3032	111448
DRS3036	110809
DRS3036	111461
DRS3036	111476
DRS3038	110386
DRS3038	110573
DRS3038	110719
DRS3043	111310
DRS3044	110294
DRS3045	110394
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DRS3050	111060
DRS3052	111446
DRS3052	111544
DRS3053	110467
DRS3055	110262
DRS3057	111451
DRS3058	110713
DRS3065	111102
DRS3068	111103
DRS3075	111114
DRS3075	112541
DRS3076	110860
DRS3076	111063
DRS3078	111115
DRS3080	110839
DRS3084	110354

O.E. No.	HC-CARGO
DELCO	
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DRS3086	110249
DRS3086	110312
DRS3087	110297
DRS3088	110576
DRS3089	113140
DRS3090	110867
DRS3090	112290
DRS3093	110157
DRS3093	110321
DRS3094	110478
DRS3095	110717
DRS3096	110332
DRS3098	110402
DRS3098	111385
DRS3100	110844
DRS3103	111117
DRS3104	111228
DRS3104	112122
DRS3104	112124
DRS3105	112289
DRS3106	112295
DRS3107	111251
DRS3108	110584
DRS3109	113443
DRS3110	110789
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DRS3113	111130
DRS3114	111129
DRS3115	111070
DRS3116	110585
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DRS3119	111251
DRS3123	110459
DRS3126	111126
DRS3129	110854
DRS3130	110867
DRS3133	110940
DRS3133	111548
DRS3133	111553
DRS3134	111548
DRS3137	110247
DRS3138	111458
DRS3139	110811
DRS3140	111112
DRS3140	111120
DRS3143	111241
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DRS3144	111683
DRS3146	110711
DRS3148	110317
DRS3148	110979
DRS3149	110477
DRS3150	111851
DRS3154	110810
DRS3155	111311
DRS3156	110810
DRS3157	111246
DRS3157	111460
DRS3158	110578
DRS3159	111305
DRS3160	111270
DRS3163	111241
DRS3163	111242
DRS3164	110574
DRS3164	111303
DRS3165	110574
DRS3165	111805
DRS3166	110719
DRS3167	110309
DRS3167	111378
DRS3168	111445
DRS3169	110386
DRS3169	110719
DRS3174	110712
DRS3175	111643
DRS3176	111682
DRS3177	111544
DRS3177	113168
DRS3178	111455
DRS3179	111455

O.E. No.	HC-CARGO
DELCO	
DRS3179	111984
DRS3183	110811
DRS3184	110474
DRS3185	111401
DRS3186	110583
DRS3189	111136
DRS3194	111443
DRS3196	110462
DRS3196	111131
DRS3196	111750
DRS3197	110462
DRS3197	113380
DRS3198	111865
DRS3199	111865
DRS3200	112295
DRS3202	112295
DRS3205	113346
DRS3207	111080
DRS3207	111488
DRS3207	111608
DRS3208	110581
DRS3209	111449
DRS3210	110837
DRS3214	112214
DRS3215	111546
DRS3216	111274
DRS3217	110580
DRS3217	113499
DRS3218	110412
DRS3219	110723
DRS3220	111030
DRS3223	111559
DRS3223	112083
DRS3224	110421
DRS3225	110245
DRS3226	110720
DRS3228	110940
DRS3229	110447
DRS3230	111110
DRS3233	110356
DRS3234	111348
DRS3234	113135
DRS3235	113668
DRS3237	111558
DRS3239	111562
DRS3240	111070
DRS3240	111162
DRS3243	110256
DRS3243	111452
DRS3244	110486
DRS3245	111683
DRS3246	110355
DRS3247	110485
DRS3248	111023
DRS3249	111440
DRS3253	111386
DRS3253	111564
DRS3254	110396
DRS3256	110507
DRS3258	110411
DRS3259	110417
DRS3260	110208
DRS3260	110209
DRS3263	113129
DRS3264	110818
DRS3264	111499
DRS3266	111119
DRS3267	110867
DRS3267	112290
DRS3268	111251
DRS3269	111333
DRS3270	110337
DRS3270	111131
DRS3273	111047
DRS3274	111422
DRS3277	111508
DRS3278	113210
DRS3280	111131
DRS3280	111851
DRS3284	111913
DRS3286	110439

O.E. No.	HC-CARGO
DELCO	
DRS3287	110460
DRS3287	110565
DRS3287	111346
DRS3288	111685
DRS3289	110465
DRS3289	110615
DRS3293	112055
DRS3294	110449
DRS3294	111024
DRS3295	110961
DRS3297	110962
DRS3298	111027
DRS3299	111028
DRS3303	110941
DRS3304	111679
DRS3307	111088
DRS3308	111420
DRS3309	111424
DRS3314	113430
DRS3317	111630
DRS3320	110539
DRS3324	111003
DRS3325	110530
DRS3326	111001
DRS3327	111098
DRS3333	110462
DRS3334	110566
DRS3336	110443
DRS3336	111461
DRS3337	112136
DRS3338	111453
DRS3339	111461
DRS3343	111476
DRS3343	111565
DRS3344	111565
DRS3345	111108
DRS3347	112984
DRS3348	111728
DRS3349	111472
DRS3350	111069
DRS3353	111459
DRS3354	111549
DRS3355	110142
DRS3357	111312
DRS3358	111563
DRS3359	111566
DRS3360	111131
DRS3360	111269
DRS3364	110616
DRS3365	110617
DRS3366	111097
DRS3367	111006
DRS3369	111214
DRS3373	111454
DRS3374	111182
DRS3375	111385
DRS3378	111446
DRS3378	111550
DRS3379	113665
DRS3383	110323
DRS3384	111455
DRS3385	111386
DRS3386	111785
DRS3387	111556
DRS3388	111556
DRS3389	110411
DRS3393	111856
DRS3394	111534
DRS3396	110438
DRS3400	111423
DRS3404	110831
DRS3404	110840
DRS3405	110640
DRS3405	113381
DRS3406	111442
DRS3407	110454
DRS3408	110465
DRS3409	110465
DRS3410	112537
DRS3420	110582
DRS3423	110444

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
DELCO	
DRS3424	110589
DRS3425	110464
DRS3426	111574
DRS3427	110819
DRS3428	110462
DRS3430	110213
DRS3440	110532
DRS3447	110460
DRS3450	112119
DRS3456	111573
DRS3457	110831
DRS3458	110817
DRS3463	110460
DRS3464	110440
DRS3466	110831
DRS3470	110865
DRS3474	113346
DRS3475	111506
DRS3476	112340
DRS3477	112004
DRS3478	111821
DRS3483	111554
DRS3490	110524
DRS3501	110149
DRS3501	110808
DRS3511	110149
DRS3511	110280
DRS3511	110808
DRS3521	110261
DRS3531	110289
DRS3531	110296
DRS3541	110153
DRS3545	110584
DRS3545	111994
DRS3546	111464
DRS3547	111525
DRS3551	110280
DRS3551	110309
DRS3551	110478
DRS3551	111634
DRS3554	111123
DRS3555	112382
DRS3557	112026
DRS3558	111485
DRS3561	110154
DRS3561	110396
DRS3561	110444
DRS3561	111681
DRS3563	110337
DRS3563	111053
DRS3564	110337
DRS3564	111131
DRS3565	111053
DRS3565	111131
DRS3566	110840
DRS3567	112141
DRS3567	112235
DRS3568	111374
DRS3571	110290
DRS3571	111022
DRS3571	113099
DRS3573	111827
DRS3574	110322
DRS3574	111458
DRS3576	111442
DRS3576	112214
DRS3576	113024
DRS3577	111307
DRS3579	110808
DRS3581	110322
DRS3581	111458
DRS3583	112383
DRS3585	111685
DRS3586	112223
DRS3587	112383
DRS3590	111058
DRS3590	113483
DRS3593	110441
DRS3598	110947
DRS3599	110309
DRS3600	111489
DRS3604	111818

O.E. No.	HC-CARGO
DELCO	
DRS3606	111465
DRS3607	111488
DRS3608	111303
DRS3609	111473
DRS3610	110847
DRS3610	111122
DRS3611	111122
DRS3613	111762
DRS3616	112083
DRS3617	111070
DRS3618	111070
DRS3620	110522
DRS3620	112123
DRS3623	111251
DRS3624	112218
DRS3625	112080
DRS3625	113605
DRS3627	111103
DRS3630	112125
DRS3633	110410
DRS3635	113361
DRS3636	112236
DRS3637	111463
DRS3637	113498
DRS3638	111550
DRS3640	111113
DRS3643	111455
DRS3644	111984
DRS3644	112033
DRS3646	111581
DRS3646	111785
DRS3648	111551
DRS3650	113134
DRS3653	111681
DRS3660	113846
DRS3670	111107
DRS3690	110545
DRS3720	113468
DRS3740	110365
DRS3770	112670
DRS3801	110793
DRS3801	111116
DRS3841	110790
DRS3850	110584
DRS3850	110640
DRS3861	110860
DRS3861	111063
DRS3905	113587
DRS3910	113389
DRS3940	111025
DRS3971	110298
DRS3971	111447
DRS3991	110473
DRS4051	110249
DRS4051	110312
DRS4051	111442
DRS4061	110312
DELCO	
DRS4061	111442
DRS4061	111546
DRS4071	110316
DRS4071	110573
DRS4071	110719
DRS4081	110317
DRS4091	110316
DRS4091	110718
DRS4151	110292
DRS4171	110291
DRS4211	110310
DRS4221	110480
DRS4231	110309
DRS4261	110480
DRS4261	111444
DRS4331	111182
DRS4331	111560
DRS4332	111560
DRS4341	111451
DRS4361	111561
DRS4411	110153
DRS4411	110296

O.E. No.	HC-CARGO
DELCO	
DRS4411	113098
DRS4461	110260
DRS4461	110411
DRS4481	110395
DRS4560	110981
DRS4570	112455
DRS4590	111029
DRS4600	111030
DRS4610	110842
DRS4610	111981
DRS4620	111694
DRS4630	112321
DRS4640	110850
DRS4680	113444
DRS4690	111125
DRS4700	110836
DRS4700	111619
DRS4730	111755
DRS4740	111755
DRS4740	111793
DRS4800	111118
DRS4803	111118
DRS4803	111423
DRS4810	111751
DRS4810	111900
DRS4820	111751
DRS4820	112131
DRS4830	113847
DRS4840	111400
DRS4860	111055
DRS4860	111123
DRS4860	111127
DRS4861	111127
DRS4870	110209
DRS4880	110823
DRS4890	112172
DRS4900	111052
DRS4900	111911
DRS4910	110206
DRS4910	110207
DRS4940	112820
DRS4960	111104
DRS4971	110389
DRS4991	110149
DRS4991	110808
DRS4991	112215
DRS5010	110585
DRS5010	111251
DRS5031	110253
DRS5040	112260
DRS5040	112660
DRS5040	113380
DRS5050	112497
DRS5090	112290
DRS5100	110227
DRS5106	110224
DRS5118	110227
DRS5150	111131
DRS5150	111750
DRS5150	113095
DRS5161	111425
DRS5173	111349
DRS5178	111396
DRS5200	111030
DRS5260	110851
DRS5320	110994
DRS5341	110386
DRS5341	110719
DRS5351	111555
DRS5420	112041
DRS5430	110980
DRS5470	112134
DRS5540	110368
DRS5560	112817
DRS5600	112308
DRS5610	112454
DRS5670	111231
DRS5701	111214
DRS5721	111543
DRS5723	113022
DRS5740	113745
DRS5751	111312

O.E. No.	HC-CARGO
DELCO	
DRS5751	111459
DRS5781	111447
DRS5910	112125
DRS5930	111421
DRS5970	112286
DRS5981	110807
DRS6021	110575
DRS6100	111983
DRS6110	112131
DRS6190	112167
DRS6230	111523
DRS6240	111694
DRS6280	111698
DRS6290	111748
DRS6300	111749
DRS6310	112133
DRS6310	112286
DRS6320	113483
DRS6330	112321
DRS6330	113761
DRS6340	112052
DRS6350	111131
DRS6350	111750
DRS6380	111347
DRS6390	111065
DRS6390	112440
DRS6431	111552
DRS6470	112141
DRS6470	112235
DRS6470	112319
DRS6500	111984
DRS6520	110210
DRS6550	112555
DRS6560	112305
DRS6570	110585
DRS6570	113481
DRS6600	113753
DRS6660	112818
DRS6700	112166
DRS6730	113644
DRS6740	111805
DRS6750	112306
DRS6780	112309
DRS6790	113750
DRS6800	112307
DRS6840	112013
DRS6860	112819
DRS6870	113752
DRS6880	111848
DRS6890	110847
DRS6900	111619
DRS6910	112308
DRS6920	112553
DRS6950	112053
DRS6980	111900
DRS6990	112306
DRS6990	113387
DRS7000	111900
DRS7000	112286
DRS7020	113451
DRS7041	111585
DRS7050	112116
DRS7060	111906
DRS7070	111906
DRS7090	111636
DRS7100	110212
DRS7110	111911
DRS7120	111123
DRS7180	111908
DRS7190	112013
DRS7220	112125
DRS7230	111423
DRS7230	112125
DRS7240	111982
DRS7260	111851
DRS7300	112533
DRS7310	112039
DRS7330	112459
DRS7391	112295
DRS7420	113674
DRS7450	111904
DRS7460	111900

Cross Reference List

O.E. No.	HC-CARGO
DELCO	
DRS7470	111905
DRS7480	111907
DRS7500	111874
DRS7500	112006
DRS7530	111680
DRS7530	113701
DRS7830	111909
DRS7840	111641
DRS7890	111768
DRS7920	111848
DRS7940	111823
DRS7950	112454
DRS8010	111123
DRS8020	111995
DRS8030	112434
DRS8040	112005
DRS8060	111817
DRS8230	111131
DRS8240	111131
DRS8240	111269
DRS8250	112537
DRS8310	111070
DRT0230	113773
DRZ0100	110233
DRZ0100	110325
DRZ0100	110504
DRZ0100	110505
DRZ0102	110075
DRZ0104	110170
DRZ0109	110986
DRZ0110	110233
DRZ0110	110234
DRZ0110	112448
DRZ0111	110234
DRZ0111	110235
DRZ0111	112260
DRZ0112	110236
DRZ0113	110237
DRZ0114	110239
DRZ0115	110300
DRZ0116	110325
DRZ0119	110985
DRZ0122	110492
DRZ0123	110498
DRZ0128	110503
DRZ0129	110233
DRZ0129	110235
DRZ0129	110504
DRZ0129	110505
DRZ0130	110505
DRZ0131	110233
DRZ0131	110471
DRZ0131	110502
DRZ0131	110505
DRZ0131	110508
DRZ0132	110416
DRZ0132	110591
DRZ0132	111261
DRZ0133	110724
DRZ0135	110514
DRZ0136	110515
DRZ0136	111813
DRZ0136	113052
DRZ0136	113064
DRZ0137	110516
DRZ0137	113051
DRZ0141	110540
DRZ0142	110801
DRZ0143	110952
DRZ0144	110499
DRZ0144	112624
DRZ0145	112625
DRZ0145	112626
DRZ0147	112636
DRZ0148	112876
DRZ0149	112637
DRZ0150	111389
DRZ0151	112627
DRZ0151	112629
DRZ0151	112640
DRZ0152	112630

O.E. No.	HC-CARGO
DELCO	
DRZ0153	112634
DRZ0154	110499
DRZ0154	112448
DRZ0154	112624
DRZ0155	112880
DRZ0156	110503
DRZ0157	112126
DRZ0158	110499
DRZ0159	112887
DRZ0160	111388
DRZ0160	112622
DRZ0161	110502
DRZ0162	112633
DRZ0163	112627
DRZ0164	112635
DRZ0165	112337
DRZ0166	112621
DRZ0166	112624
DRZ0167	112126
DRZ0168	110984
DRZ0169	110984
DRZ0170	111193
DRZ0170	113051
DRZ0170	113058
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DRZ0170	113061
DRZ0170	113062
DRZ0170	113068
DRZ0172	112447
DRZ0173	112835
DRZ0174	112921
DRZ0175	112927
DRZ0176	111252
DRZ0177	111090
DRZ0177	112449
DRZ0177	112632
DRZ0178	112878
DRZ0179	111220
DRZ0179	112632
DRZ0179	112638
DRZ0181	112631
DRZ0182	110471
DRZ0182	110508
DRZ0182	113767
DRZ0183	110514
DRZ0184	111191
DRZ0184	113052
DRZ0184	113053
DRZ0185	111193
DRZ0185	113054
DRZ0185	113055
DRZ0185	113056
DRZ0186	111192
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DRZ0187	111199
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DRZ0191	112995
DRZ0191	112996
DRZ0192	111390
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DRZ0201	111815
DRZ5100	110224
DRZ5100	110227
DRZ5101	110509
DRZ5102	110220
DRZ5104	110347
DRZ5104	110999
DRZ5104	111000
DRZ5105	111000
DRZ5106	110224
DRZ5108	110953
DRZ5109	110228
DRZ5110	110230
DRZ5111	110216
DRZ5111	110218
DRZ5111	110347

O.E. No.	HC-CARGO
DELCO	
DRZ5111	112897
DRZ5112	110232
DRZ5114	110216
DRZ5114	112897
DRZ5115	110347
DRZ5115	110999
DRZ5115	111000
DRZ5116	110602
DRZ5117	110334
DRZ5118	110346
DRZ5119	110347
DRZ5119	110999
DRZ5120	112341
DRZ5121	110414
DRZ5122	110468
DRZ5123	110469
DRZ5124	111222
DRZ5125	110472
DRZ5126	110953
DRZ5127	110231
DRZ5128	110491
DRZ5129	110506
DRZ5130	110569
DRZ5131	110588
DRZ5132	110590
DRZ5133	110602
DRZ5133	111221
DRZ5134	112267
DRZ5143	110798
DRZ5144	110216
DRZ5144	110347
DRZ5146	112911
DRZ5147	110221
DRZ5149	113095
DRZ5150	111425
DRZ5150	113095
DRZ5151	112913
DRZ5152	112911
DRZ5153	111034
DRZ5155	111034
DRZ5156	111183
DRZ5157	112584
DRZ5158	112592
DRZ5159	113225
DRZ5159	113296
DRZ5160	113222
DRZ5161	111425
DRZ5162	111490
DRZ5163	111456
DRZ5164	110221
DRZ5165	110602
DRZ5166	110999
DRZ5167	111000
DRZ5168	111760
DRZ5169	110799
DRZ5170	111786
DRZ5171	111190
DRZ5172	112301
DRZ5173	111349
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DRZ5175	110436
DRZ5175	112089
DRZ5176	112341
DRZ5177	111492
DRZ5178	111396
DRZ5179	110229
DRZ5180	110226
DRZ5180	110227
DRZ5183	113115
DRZ5184	112846
DRZ5185	110216
DELCO US	
10463140	110984
10463535	113502
10464157	113369
10464251	113557
10464437	112615

O.E. No.	HC-CARGO
DELPHI	
10480403	113771
10480404	113772
10480407	113771
10480408	113772
456	112229
461	112165
DENSO	
021000-0046	110138
021000-0047	110138
021000-0064	110138
021000-0081	110137
021000-0124	110137
021000-0132	110138
021000-0133	110138
021000-0134	110138
021000-0140	110248
021000-0160	110137
021000-0180	110138
021000-0183	110138
021000-0184	110138
021000-0186	110138
021000-0187	110138
021000-0240	110138
021000-0247	110138
021000-0249	110137
021000-0250	110137
021000-0296	110137
021000-0318	110138
021000-0320	110882
021000-0327	110138
021000-0360	110138
021000-0361	110138
021000-0362	110138
021000-0363	110138
021000-0364	110138
021000-0369	110138
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021000-0371	110138
021000-0372	110138
021000-0430	110162
021000-0441	110248
021000-0457	110137
021000-0459	110137
021000-0460	110138
021000-0461	110138
021000-0462	110138
021000-0470	110138
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021000-1320	110138
021000-1321	110138
021000-1322	110138
021000-1330	110138

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O.E. No.	HC-CARGO
DENSO	
021000-1331	110138
021000-1332	110138
021000-1340	110138
021000-1342	110138
021000-1343	110138
021000-1361	110138
021000-1362	110138
021000-1363	110138
021000-1370	110138
021000-1602	110137
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021000-5650	110162
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021000-8030	110138
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028000-2362	110252

O.E. No.	HC-CARGO
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028000-2800	110252
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028000-4242	110296
028000-4243	110296
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028000-4270	110152

Cross Reference List

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028000-9121	110322
028000-9160	113214
028000-9220	111385
028000-9221	111385

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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100211-0142	110140
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100211-0291	110445
100211-0292	110445
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100211-0581	110489
100211-0620	113072
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100211-1201	110678
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100211-1231	110678
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100211-1660	110620
100211-1661	110620
100211-1662	110620
100211-1680	111048
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100211-2011	111429
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100211-2080	111428
100211-2100	110675
100211-2102	110675
100211-2110	111428
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100211-2141	111429
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100211-2151	111577
100211-2170	110678
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100211-2201	111606
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100211-2380	110678
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100211-2450	110675
100211-2480	111705
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100211-2501	110675
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100211-2860	111439
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100211-3110	111428
100211-3111	111428
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100211-3160	113077
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100211-3380	110683
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100211-3430	111580
100211-3431	111580
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Cross Reference List

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100211-6720	110967
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101211-6091	113202
101211-7060	111964
101211-7160	111964

O.E.M. names and numbers are used for reference purposes only.

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121000-4440	113607
121000-4470	113564
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121000-7560	110138
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128000-0050	111021
128000-0070	110940
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428000-0460	113730
428000-0670	111911
428000-0700	113810
428000-0720	112006
428000-1210	113550
428000-1250	113809
428000-1640	113254
428000-1860	113725
428000-2640	110447
428000-4420	112089
428000-4430	112089
428000-4440	112089
966121-9935	113089
DENSO	
101211-9970	113628
101211-9990	113571
10211-7000	110682
102211-0500	112072
102211-1020	113612
102211-1021	113612
102211-1070	113522
102211-1200	112860
102211-1210	112860
102211-124	111468
102211-1240	111468
102211-1260	113628
102211-1270	113628
102211-1710	113612
102211-1780	113523
102211-2190	111779
102211-5001	112063
102211-5002	112063
102211-5020	111779
102211-5021	111779
102211-5050	112357
102211-5051	112357
102211-5052	112357
102211-5070	111779
102211-5090	111518
102211-5150	111779
102211-5151	111779
102211-5160	111779
102211-5161	111779
102211-5200	112358

O.E. No.	HC-CARGO
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102211-5280	111779
102211-5380	111779
102211-5520	111779
102211-5610	111779
102211-8060	112142
102211-8161	113763
102211-8170	113763
102211-8171	113763
102211-8181	113763
102211-8230	113718
102211-8400	113575
102211-8410	113872
102211-8430	113718
102211-8440	113718
102211-8450	113535
102211-8470	113535
102211-8570	113872
102211-9750	113522
104210-2710	113849
104210-3170	113755
104210-3171	113755
104210-3240	113755
104210-3421	113849
104210-3511	113849
104210-3512	113849
104210-3513	113849
104210-3522	113849
104210-3523	113849
104210-4270	113755
111211-4122	113584
121000-0041	111596
121000-0320	110423
121000-0430	110248
121000-0431	110248
121000-0441	110248
121000-0451	110250
121000-0490	110274
121000-0580	110258
121000-0600	111195
121000-0670	111613
121000-0840	110929
121000-0850	110929
121000-0920	110258
121000-0950	110930
121000-0970	110684
121000-0980	111195
121000-1010	110250
121000-1011	110250
121000-1012	110250
121000-1290	110684
121000-1291	110684
121000-1380	110162
121000-1590	110258
121000-1670	113559
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121000-1730	110258
121000-1770	111596
121000-2030	110138
121000-2110	110138
121000-2360	110684
121000-2430	111191
121000-2490	111191
121000-2680	113050
121000-2970	110248
121000-3000	111191
121000-3100	111191
121000-3200	113053
121000-3300	113052
121000-3310	111191
121000-3330	113053
121000-3340	111193
121000-3360	111191
121000-3370	113054
121000-3380	111193
121000-3381	111193
121000-3390	113055
121000-3400	113056
121000-3410	111193
121000-3420	111193
121000-3430	113064
121000-3440	111193

O.E. No.	HC-CARGO
DENSO	
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121000-3452	113063
121000-3460	113065
121000-3470	113057
121000-3480	113066
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121000-3531	112833
121000-3570	113066
121000-3580	113066
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121000-3620	113358
121000-3630	113359
121000-3650	113606
121000-3670	113358
121000-3710	113641
121000-3900	111191
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121000-4010	111192
121000-4030	111192
121000-4040	113058
121000-4050	113051
121000-4060	113059
121000-4070	113060
121000-4080	113061
121000-4090	111192
121000-4120	113068
121000-4122	113068
121000-4130	113062
121000-4150	113061
121000-4151	113061
121000-4160	113235
121000-4161	113235
121000-417	113071
121000-4170	113071
121000-4171	113071
121000-4210	113069
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121000-4230	113365
121000-4231	113365
121000-4232	113365
121000-4233	113365
121000-4250	113559
121000-4251	113559
121000-4260	113070
121000-4270	113363
121000-4280	113362
121000-4290	113364
121000-4330	113235
121000-4331	113235
121000-4350	113364
121000-4351	113364
121000-4400	113559
121000-4410	113607
121000-4440	113607
121000-4470	113564
121000-4540	113607
121000-7030	110139
121000-7050	110248
121000-7500	110248
121000-7560	110138
121000-8230	112054
128000-0020	111683
128000-0040	110389
128000-0050	111021
128000-0070	110940
128000-0071	110940
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128000-0101	110399
128000-0102	110399
128000-0110	110485
128000-0111	110485
128000-0120	110322
128000-0130	111458
128000-0140	110938
128000-0141	110938
128000-0170	110720
128000-0171	110720
128000-0181	110720

O.E. No.	HC-CARGO
DENSO	
128000-0210	113725
128000-0211	113725
128000-0212	113725
128000-0213	113725
128000-0216	113725
128000-0220	110397
128000-0280	110312
128000-0290	110249
128000-0300	111442
128000-0350	111560
128000-0351	111560
128000-0360	111387
128000-0370	110145
128000-0461	110158
128000-0462	110158
128000-0490	113131
128000-0491	113131
128000-0492	113131
128000-0520	110708
128000-0530	110474
128000-0540	113725
128000-0541	113725
128000-0542	113725
128000-0543	113725
128000-0544	113725
128000-0550	111386
128000-0551	111386
128000-0560	111386
128000-0561	111386
128000-0570	110934
128000-0590	111027
128000-0591	111027
128000-0600	111310
128000-0620	110411
128000-0621	110411
128000-0622	110411
128000-0670	110249
128000-0690	111182
128000-0700	110146
128000-0710	110485
128000-0720	110486
128000-0721	110486
128000-0740	110485
128000-0741	110485
128000-0770	111224
128000-0771	111224
128000-0772	111224
128000-0831	113132
128000-0832	113132
128000-0960	111683
128000-0970	112036
128000-0971	112036
128000-0972	112036
128000-0973	112036
128000-1000	113203
128000-1001	113203
128000-1002	113203
128000-1003	113203
128000-1004	113203
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128000-1151	111087
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128000-1160	110940
128000-1161	110940
128000-1180	111006
128000-1181	111006
128000-1220	110295
128000-1230	111451
128000-1240	110260
128000-1241	110260
128000-1250	110411
128000-1251	110411
128000-1360	111030
128000-1370	111555
128000-1440	110709

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
DENSO	
128000-1441	110709
128000-1470	110940
128000-1490	111920
128000-1491	111920
128000-1520	110397
128000-1540	111385
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128000-1571	111401
128000-1574	111401
128000-1610	110253
128000-1620	110323
128000-1621	110323
128000-1670	113681
128000-1671	113681
128000-1861	110402
128000-1862	110402
128000-1863	110402
128000-1890	111560
128000-1900	110979
128000-1901	110979
128000-1930	111561
128000-1950	111561
128000-1990	111928
128000-2040	110979
128000-2041	110979
128000-2050	110253
128000-2060	110253
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128000-2131	110356
128000-2190	111442
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128000-2271	113725
128000-2273	113725
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128000-2430	110317
128000-2431	110317
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128000-2551	111560
128000-2570	113095
128000-2580	111425
128000-2581	111425
128000-2600	111543
128000-2610	110153
128000-2611	110153
128000-2640	112536
128000-2670	111131
128000-2680	111455
128000-2682	111455
128000-2750	113231
128000-2790	111131
128000-2800	111560
128000-2820	110145
128000-2830	111546
128000-2860	111310
128000-2861	111310
128000-2862	111310
128000-2880	110573
128000-2881	111683
128000-2950	112246
128000-3090	111643
128000-3091	111643
128000-3123	113725
128000-3180	113102
128000-3181	113102
128000-3182	113102
128000-3190	111442
128000-3340	110397
128000-3380	111449
128000-3381	111449
128000-3470	111446
128000-3471	111446
128000-3472	111446
128000-3480	111544
128000-3481	111544
128000-3482	111544
128000-3500	111456
128000-3590	110447
128000-3621	111088
128000-3641	110402
128000-3662	111088
128000-3740	111131

O.E. No.	HC-CARGO
DENSO	
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128000-3810	110400
128000-4020	113596
128000-4030	111385
128000-4031	111385
128000-4032	111385
128000-4060	111561
128000-4061	111561
128000-4080	110961
128000-4081	110961
128000-4082	110961
128000-4083	110961
128000-4201	110402
128000-4230	111131
128000-4241	113545
128000-4242	113545
128000-4340	113429
128000-4390	110589
128000-4391	110589
128000-4420	110713
128000-4430	111182
128000-4450	111182
128000-4461	113475
128000-4480	111455
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128000-4530	110298
128000-4531	110298
128000-4532	110298
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128000-4861	111765
128000-4862	111765
128000-4863	111765
128000-4864	111765
128000-4880	111182
128000-4890	111053
128000-4891	111053
128000-4900	110246
128000-4910	113101
128000-4911	113101
128000-4930	110411
128000-4950	113103
128000-4951	113103
128000-4960	111764
128000-4970	110436
128000-4990	113545
128000-4991	113545
128000-4992	113545
128000-4993	113545
128000-5080	110312
128000-5090	113214
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128000-5261	110447
128000-5270	111764
128000-5280	111764
128000-5300	113214
128000-5301	113214
128000-5330	113429
128000-5331	113429
128000-5350	111564
128000-5410	113204
128000-5411	113204
128000-5560	111551
128000-5561	111551
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128000-5680	111455
128000-5681	111455
128000-5682	111455
128000-5690	110711
128000-5691	110711

O.E. No.	HC-CARGO
DENSO	
128000-5700	110712
128000-5710	110712
128000-5720	113237
128000-5721	113237
128000-5722	113237
128000-5723	113237
128000-5730	110944
128000-5731	110944
128000-5732	110944
128000-5733	110944
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128000-5781	110713
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128000-6211	111310
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128000-6240	111548
128000-6280	110940
128000-6300	111548
128000-6330	110708
128000-6391	113429
128000-6420	111455
128000-6421	111455
128000-6422	111455
128000-6560	110711
128000-6620	110245
128000-6640	110720
128000-6780	111464
128000-6810	110708
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128000-6830	110708
128000-6831	110708
128000-6832	110708
128000-6833	110708
128000-6840	110245
128000-6870	113172
128000-6960	111022
128000-6961	111022
128000-6962	111022
128000-6980	111022
128000-6990	110711
128000-7000	110711
128000-7002	110711
128000-7003	110711
128000-7010	110979
128000-7030	110962
128000-7031	110962
128000-7050	113734
128000-7080	113096
128000-7090	110397
128000-7110	113205
128000-7121	110711
128000-7122	110711
128000-7140	111492
128000-7141	111492
128000-7190	111552
128000-7191	111552
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128000-7281	111401
128000-7282	111401
128000-7283	111401
128000-7300	110485
128000-7350	111387
128000-7353	111387
128000-7360	110708

O.E. No.	HC-CARGO
DENSO	
128000-7361	110708
128000-7362	110708
128000-7380	113168
128000-7381	113168
128000-7382	113168
128000-7383	113168
128000-7390	111544
128000-7400	110711
128000-7460	112214
128000-7470	113024
128000-7471	113024
128000-7480	112546
128000-7500	111456
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128000-8690	111131
128000-8780	110711
128000-8784	110711
128000-8890	113121
128000-8891	113121
128000-8990	111131
128000-9050	111021
128000-9051	111021
128000-9190	111682
128000-9191	111682
128000-9220	111553
128000-9300	111681

Cross Reference List

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128000-9360	113597
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128000-9500	113725
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128000-9502	113725
128000-9503	113725
128000-9520	111681
128000-9540	110249
128000-9580	110708
128000-9581	110708
128000-9582	110708
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128000-9710	111544
128000-9720	111544
128000-9730	110411
128000-9740	110411
128000-9750	113023
128000-9751	113023
128000-9752	113023
128000-9790	111551
128000-9800	113429
128000-9801	113429
128000-9820	112544
128000-9860	111554
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128000-9950	110447
128000-9970	113206
128000-9971	113206
128000-9972	113206
22800-0410	110711
228000-0110	110485
228000-0111	110485
228000-0140	110485
228000-0141	110485
228000-0142	110485
228000-0200	111564
228000-0210	110312
228000-0211	110312
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228000-0470	111492
228000-0471	111492
228000-0472	111492
228000-0640	112336
228000-0660	111299
228000-0661	111299
228000-0662	111299
228000-0663	111299
228000-0664	111299
228000-0691	111197
228000-0710	110711
228000-0790	110447
228000-0791	110447
228000-0800	110447
228000-0810	113402
228000-0811	113402
228000-0820	111550
228000-0821	111550
228000-0822	111550
228000-0830	111550
228000-0831	111550
228000-0832	111550
228000-0880	111564
228000-0890	113106
228000-0940	111455
228000-0941	111455
228000-0950	111622
228000-0951	111622
228000-0970	110447
228000-0980	110447
228000-0981	110447
228000-0990	111021
228000-0991	111021
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228000-1050	110356
228000-1060	110246
228000-1061	110246
228000-1070	110940
228000-1080	110720
228000-1081	110720
228000-1082	110720
228000-1100	112033
228000-1150	111551
228000-1210	112089
228000-1211	112089
228000-1430	113203
228000-1431	113203
228000-1530	111021
228000-1531	111021
228000-1540	111131
228000-1560	113169
228000-1600	111679
228000-1601	111679
228000-1610	113239
228000-1611	113239
228000-1690	113169
228000-1700	113106
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228000-1881	112545
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228000-1891	113132
228000-1892	113132
228000-1893	113132
228000-1950	113725
228000-1951	113725
228000-1952	113725
228000-1953	113725
228000-1960	113107
228000-1961	113107
228000-1962	113107
228000-1980	111683
228000-2030	113207
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534029	110585
534031	110585
534032	110866

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
DUCELLIER	
534039	110587
534042	110585
534043	110585
534044	111064
534045	110797
534046	111066
534047	110866
534048	111068
534049	110797
534050	111066
534053	111025
534054	110584
534054A	110584
534054B	110584
534054C	110584
534055	110584
534057	110585
536001	110783
538501	110462
538502	110565
581017	110144
581207	110915
581208	110888
583028	110797
583045	110797
6127	110439
6128	110367
6136	110856
6144	110367
6172	110367
6175	110367
618077	111066
618078	111066
618358	110794
6185	110856
618565	111066
6187	110367
618795	111066
6189	110793
6190	110793
6202	111100
6202A	111100
6202B	111100
6202C	111100
6202D	111100
6202F	111100
6203	110367
6208	110821
6212	110793
6216	110796
6217	110821
6217A	110821
6217B	110821
6217C	110821
6217D	110821
6217E	110821
6217F	110821
6217G	110821
6217H	110821
6219	110856
6220	110794
6222	110823
6227	110367
6231	110367
6231A	110367
6231B	110367
6231C	110367
6231D	110367
6232	110439
6236	110783
6239	110783
6240	111066
6242	111066
6244	110774
6245	110774
6246	110823
6247	110794
7522	110743
7527	110745
7527A	110745
7527B	110745
7527C	110745

O.E. No.	HC-CARGO
DUCELLIER	
7527D,E	110745
7530	110971
7532	110743
7534	110743
7542	110743
7557	110745
7575	110745
7575D	110745
8293	110587
8294	110587
EFEL	
02201	110524
03106	110537
03109	111217
03285	110512
04667	110601
05180	112508
06000	110060
06030	110061
06710	110601
06730	110531
06770	110064
06850	111504
06860	110532
06940	110512
07640	110826
07940	111217
08280	110205
08780	110207
08790	110208
09620	111304
10420	110525
10430	110536
10440	110524
10450	110520
10460	110523
10570	110531
10590	111180
10600	110534
10610	110531
10650	110533
10655	110600
10800	111219
10810	110531
10825	110582
10890	112097
10910	110890
11206	110209
11360	110525
11370	110529
11380	110521
11420	110522
11430	110518
11520	110527
11580	110523
11640	110536
11705	110912
11750	110530
11830	110368
11930	110521
12070	110812
12080	110517
12590	110206
12760	113465
12800	110212
12900	113466
12950	110208
12960	111004
12990	110582
13000	110368
13090	110524
13100	110525
13470	112719
13850	111620
14100	110536
14650	110522
14660	110814
14860	111693
14960	110923
14965	111093

O.E. No.	HC-CARGO
EFEL	
14970	110913
22201	110512
22602	110206
22603	110533
22604	110207
22605	110208
22606	110208
22607	110210
22608	110582
22609	110601
22612	111249
22616	110512
22617	110534
22621	110531
22622	110209
22623	110932
22624	110512
22625	110512
22626	110519
22701	110210
22702	111046
22703	110213
22705	110592
22706	110531
22708	110531
22709	110205
22710	110214
22711	110212
22713	110212
22715	111231
22718	112119
22801	110537
22802	111287
22806	110539
36197	112509
36209	112510
36368	110429
36378	112518
36379	112519
36380	112512
36383	110433
36384	110433
36392	110429
36501	112522
36503	110430
36504	110434
36506	110430
36507	110434
36511	112523
36531	112524
36537	112525
36546	110950
36561	112487
36568	112520
36569	112521
36576	111091
36579	112311
36584	112513
36588	112137
36592	112515
36594	112514
36608	112487
36609	112487
36611	112524
36612	112525
36626	112526
36627	112527
36629	112526
36631	112527
36644	112138
36654	112138
36657	112140
36658	112140
36662	113354
36676	111092
36678	112518
36679	112519
36681	112487
36698	112137
36703	112487
36704	112311
36711	112481

O.E. No.	HC-CARGO
EFEL	
36721	112482
36752	112484
36753	112483
36754	112484
36757	112515
36771	112517
36797	112863
36799	112864
36806	112317
36807	112317
36808	112318
36809	112318
36915	112485
36925	112486
6000	110060
6030	110061
ELMOT	
0050000	110210
0060000	111046
0070000	110213
0090000	110531
0100000	110531
0120000	110531
0130000	110214
0140000	110212
0150000	110211
0160000	110212
0220000	110205
0380000	111231
201003020.0	110612
283020.1	111148
6050000	110210
6060000	110582
6080000	110206
6090000	110523
6100000	110207
6110000	110208
6130000	110601
6140000	111249
6160000	110512
6180000	110534
6210000	110535
6220000	110531
6230000	110209
6240000	111219
6250000	110512
6260000	110212
6270000	111219
6330000	111218
6340000	110980
803000.2	110352
A115-03	110612
A115-43	110612
A124-14	110349
A124-15	110350
A124-44S	110350
A124L	110349
A124N	110611
A125-02	110612
A125-07	111086
A125-09	110348
A125-45B	110612
A125-45C	111036
A125-55E	111687
A125-55S	110348
A125-55T	111687
A125-65B	111148
A155-55D	111086
ALT2N-14	110968
B76-0.5/12	110608
E100L-1.5/12	110352
E80C	110365
R10.03	110550
R10.05	110520
R10.06	110550
R10.07	110550
R10.08	110523
R100.03	110352
R100.3	110352
R10B	110550

Cross Reference List

O.E. No.	HC-CARGO
ELMOT	
R10G	110550
R10TA	110520
R10U	110550
R11.01	110545
R11.02	110551
R11.03	110522
R11.04	111013
R11.05	111014
R11.06	110545
R11.07	110529
R11.10	110545
R11.12	110536
R11A	110545
R11B	110551
R11C	110522
R11F	110545
R11G	111013
R11H	111014
R11K	110536
R11N	110545
R11W	110529
R20.17	110512
R20.24	110532
R20.28	110214
R20.42	110210
R20D1	110214
R20W	110532
R20Z	110512
R22.05	110210
R22.06	111046
R22.07	110213
R22.09	110592
R22.10	110531
R22.12	110531
R22.13	110214
R22.14	110212
R22.15	110211
R22.16	110212
R22.22	110205
R22.38	111231
R23.05	110210
R23.06	110522
R23.08	110206
R23.09	110533
R23.10	110207
R23.11	110208
R23.13	110601
R23.14	111249
R23.16	110512
R23.17	110512
R23.18	110534
R23.21	110535
R23.22	110531
R23.23	110209
R23.24	110932
R23.25	110512
R23.26	110212
R23.33	111218
R23.34	110980
R80.02	110365
R80.03	110410
R80C	111585
R80C1	111585
R80G	110410
R80K	111025
R80Z	110338
ELTRA	
64013708	113431
FAE	
3018	113094
4017	113462
4408	111264
4429	110802
4439	113077
4448	113557
4455	113584
4473	111309

O.E. No.	HC-CARGO
FAE	
4477	113626
4487	110659
4501	111394
4535	113627
4557	113628
4564	113612
4606	113554
4625	112977
4637	113563
4645	113583
4646	113583
4655	113556
4676	111285
4685	113027
4697	113636
4807	113571
4851	112327
4852	113606
4855	113643
4860	113656
4863	113652
4869	113564
4883	113027
4886	113566
4892	113612
4910	113559
4913	113569
4942	113372
4963	113641
4969	113568
4980	113607
4996	113027
6128	113586
6141	113629
6187	113587
6407	111786
6448	110810
6456	111374
6610	113646
6716	113615
6803	113614
6837	113616
6840	112300
6846	113619
6858	113665
6860	113620
6864	113618
6868	113638
6869	113521
6870	113020
6872	113638
6894	111909
6927	113613
6930	113630
6942	113642
8219	113578
FAUN	
1701054	110525
1701061	110524
1701065	110523
1702091	110357
1702114	110766
1702117	111141
1702118	110113
1702121	112747
4159015	113464
4792491	112747
FEMSA	
ALB12-117	110349
ALB40-68	110611
ALB40-86	110611
ALD12N-53	110743
ALF12-18	110968
ALG12-7	110745
ALG12N-28	110745
ALN12-1	110743
ALP12N-1	110969

O.E. No.	HC-CARGO
FEMSA	
ALP12N-12	110759
ALP12N-2	110178
ALP12N-20	111078
ALP12N-24	111078
ALS12-81	110350
ALS12N-25	110612
ALS12N-51	111289
ALS12N-54	110612
ALS12N-55	111138
ALS12N-56	111138
ALS12N-64	110612
ALS12N-72	111289
ALS12N-82	110348
ALS12X-26	110754
ALS12X-65	110920
ALS12X-76	110754
ALS12X-77	110920
ALT12N-13	110968
ALT12N-14	110178
ALT12N-2	110968
ALT12N-39	110178
DNL12-22	110482
MOA12-10	110859
MOA12-13	110796
MOA12-8	110796
MOB12-1	110821
MOB12-2	110821
MOC12-13	110795
MOC12-2	110793
MOC12-3	110794
MOC12-4	110774
MOC12-9	110784
MOC12X-5	110783
MOK12-1	110859
MTA12-14	110367
MTA12-19	110367
MTA12-19M	110367
MTA12-30	111100
MTA12-37	110367
MTA12-39	110365
MTA12-40	110829
MTA12-43	110367
MTA12-8	110774
MTA12P-7	110856
MTC25-27	110566
MTC252-7	110450
MTD12-14	110352
MTD12-18	110790
MTS12-1	110826
MTS12-10	110367
MTS12-21	110826
MTS12-22	110338
MTS12-23	110826
MTS12-29	110365
MTS12-37	110367
MTS12-39	110365
MTS12-42	110365
MTS12-47	110827
MTS12-48	110365
MTS12-50	110367
MTS12-51	110367
MTV12-8	110822
FENDT	
F135902060010	111332
F139900060011	112039
F716900060060	112071
G198902011010	111978
G345900011010	112098
X830060011	110641
X830060020	112098
X830100001	110536
X830100004	111232
X830100009	111332
FIAT	
04763995	110521
1329201080	112436
2022607	110882

O.E. No.	HC-CARGO
FIAT	
2022612	110890
2961928	110530
4052100	110349
4142222	110826
4152101	110611
4152610	112097
4152612	110882
4169096	110813
4172004	110521
4172113	110529
4174626	110611
4179626	110532
4187587	110521
4198226	110826
4198227	110826
4198600	110338
4198601	110338
4220356	112097
4220539	112097
4224325	110899
4229113	110365
4229114	110365
4231018	110521
4232191	110521
4242498	110611
4242730	110890
42498212	110518
4257063	110899
4257074	110899
4257771	110899
4263584	110890
4263983	110890
4269114	110521
4274815	110899
4275283	110899
4275285	110899
4275286	110899
4285622	110890
4287971	110608
4287972	110608
4288328	110608
4325179	110899
4329019	110611
43420960	111411
4350064	111423
4382200	111138
4386883	111138
4392459	110825
4392461	110836
4392831	111138
4392859	110825
4395131	111035
4395134	110612
4401806	110365
4403045	111289
4405303	110612
4412878	110825
4412894	110812
4418109	110612
4419109	110612
4419794	110612
4424346	110912
4434083	110612
4434084	111035
4435660	110825
4447411	110912
4448694	110812
4451759	111078
4456152	111078
4458618	111078
4468806	110365
4469985	111106
4469986	111106
4469987	111106
4470118	111106
4470266	111148
4470377	112289
4470378	112289
4470411	111138
4474714	110827
4474715	110827

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O.E. No.	HC-CARGO
FIAT	
4474729	111180
4474746	110352
4474747	110352
4474750	110352
4474752	111180
4474804	110826
4474805	110826
4474815	110899
4474816	110899
4474851	110608
4474852	110608
4474902	112097
4474903	110611
4474904	110611
4475266	111180
4475268	111180
4475303	110611
4478678	110912
46231500	111585
46231503	110608
46231504	110365
46231505	110365
46231508	110608
46231510	111025
46231525	110338
46231526	110827
46231527	110825
46231528	110825
46231529	110825
46231535	112289
46231540	112289
46231575	111106
46231592	112455
46231600	111117
46231601	111619
46231603	110836
46231605	110836
46231610	111113
46231642	113846
46231643	113451
46231644	111421
46231650	111687
46231655	111078
46231657	111036
46231658	113471
46231659	111036
46231660	111036
46231670	111413
46231675	111036
46231678	111148
46231680	111180
46231682	111148
46231684	111035
46231687	111035
46231688	111148
46231689	111148
46231690	113473
46231691	113472
46231698	111689
46231700	111620
46231705	111689
46231721	113473
46231722	113667
46231723	111651
46231725	111138
46231735	111620
46231740	111620
46231745	111620
46231750	110991
46231751	110882
46231755	110912
46231756	111654
46231757	112768
46231758	111686
46231760	111148
46231761	110991
46231762	111654
46231786	110890
46231787	112681
46305329	111409
46406472	110854
46406938	112223

O.E. No.	HC-CARGO
FIAT	
46406973	111685
46407647	111411
46407648	111689
46412678	111413
46412679	113667
46413021	111582
46414610	111424
46414831	112308
46417006	112124
46419332	111420
46419392	111420
46420960	111411
46420962	111689
46420965	111416
46420966	111568
46423006	111860
46428729	113667
46428730	111625
46428733	111689
46428734	111688
46429594	112382
46430110	111802
46430112	112022
46430524	113537
46430526	111412
46430527	111413
46430528	113667
46430530	111500
46430531	111625
46430721	113752
46430784	113430
46431710	111620
46432301	111585
46432411	111689
46434931	112022
46435106	113684
46436507	111505
46437520	112379
46439700	113752
46445658	111409
46448433	111725
46448434	111625
46451529	112383
46454211	111685
46464276	111416
46473784	113430
46478945	113430
46518059	111422
46519138	113537
46522234	112379
46530060	111411
46531437	112383
46532668	112190
46540294	111417
46542889	113718
46554407	113752
46559015	113537
46740242	112382
46748349	112445
46748351	113430
46748357	113535
46758240	112436
46763529	112382
46763532	111625
46765836	111409
46765838	113336
46769369	111409
46774415	112124
46800158	111411
46813061	112190
46821681	112445
46823546	113721
46823547	113722
46823548	113719
4682998	110813
4682999	110521
46843091	113718
4691200	110517
4692477	110521
4692877	110521
4699704	110521
4699705	110529

O.E. No.	HC-CARGO
FIAT	
4701920	110521
4702248	110529
4706008	110518
4706720	110520
4706931	110517
4710224	110813
4711699	110814
4711700	110882
4712894	110812
4713805	110519
4713806	110522
4713807	110812
4715786	112097
4716026	110518
4716062	110518
4717871	112097
4719664	110814
4721587	110882
4721589	110890
4721591	110890
4721592	110890
4721890	112097
4722682	110813
4722724	112097
4728682	110813
4731839	110890
4732241	110532
4732242	110213
4737754	110521
4737755	110529
4737756	110518
4737757	110520
4737759	110522
4738026	111419
4738563	112097
4738569	112097
4738570	112097
4738571	112097
4738772	112097
4738775	112097
4741669	110812
4741699	110812
4744841	110517
4745930	110814
4750583	110890
4752403	110517
4755108	110521
4755109	110529
4755110	110522
4755111	110518
4755113	110520
4757192	111419
4757193	111419
4757194	111419
4759929	110813
4765931	111686
4765933	111686
4765934	111686
4782802	110532
4782803	110213
4784745	110582
4784747	110582
4786913	112097
4787665	110882
4787668	111686
4787671	111686
4799364	111418
4800503	111686
4800504	111686
4807373	110813
4807374	110814
4807375	110529
4807376	110522
4807377	110517
4807378	110521
4807379	110518
4808498	110882
4808500	111418
4808502	111418
4808503	110890
4808505	110890
4808506	111686

O.E. No.	HC-CARGO
FIAT	
4808507	111418
4808510	111686
4808517	111686
4808518	111686
4808519	112097
4808526	112097
4808528	112097
4844266	111419
4849155	110686
4849157	110686
4856055	111693
4856056	110814
4998353	111180
5101645	110882
51217620	111180
51709133	113718
51714794	113718
51718499	113720
55185076	113722
55204116	113719
55353237	113843
55353257	113843
5895028	111411
5920974	110912
5933930	110836
5943452	110912
5947366	111078
5947376	111078
5955501	110612
5955503	111148
5955504	111148
5955557	111620
5958394	111035
5958395	111035
5958565	111620
5959702	111106
5960289	111620
5960292	110912
5962647	110912
5967595	111035
5967596	111035
5967965	110612
5968605	112289
5970230	110912
5972197	110912
5972684	110365
5973034	111078
5973035	111078
5976915	110912
5984563	111423
5985265	111113
5990470	110827
5992153	111620
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Cross Reference List

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7565391	111620
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7565559	111148
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7651070	113472
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7666528	112289
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9150475180	111066
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1516027	110771
1516986	110482

O.E.M. names and numbers are used for reference purposes only.

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E9PZ10346A	111252
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E9PZ10346D	112917
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E9SF10300BA	111252

O.E.M. names and numbers are used for reference purposes only.

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EDE7AF10300BA	112835
EDE7DF10300GA	112841
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F02Z10346A	113031
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F02Z10346E	113029
F02Z10346G	113029
F02Z11002A	111370
F02Z11002B	110810
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F07U10300AB	111199
F07U10300AC	111199
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F07U11000BA	111844
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F09F10300BA	112843
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F0PU10346RA	112915
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F0TZ11002B	111844
F0VF10300AA	112929
F0VU10300AA	112929
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F0VU10300AC	112929
F0VY10346A	112929
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F12Z11002A	110810
F13U10300AC	112922
F13U10300AD	112922
F13U11000AA	111370
F13Z10346A	112922
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F17U11000AB	113222
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F1CZ10346C	110663
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F1DU10346AE	112926
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F1TZ10346B	111199
F1TZ10346C	111199
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F1VU10300BB	112921
F1VU10300BC	112921
F1VU11000AA	113296
F1VY10346B	112921
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F3AU10300CA	112932
F3AU10346AC	112927
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F3HT10300BA	112993
F3HT10300CA	112993
F3HT10300HB	112993
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F3HT11001DC	112253
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F3HZ10346H	112993
F3HZ11001B	112253
F3HZ11002B	112253
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F3LU10300BB	113553
F3LU10300BC	113553
F3LU11000AA	112592
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F3PU10346BA	112935
F3PU10346CA	112936
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F3RZ11002C	111374
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F3UU10300AF	111200
F3UZ10346A	111200
F3VU10300AA	112921
F3XA10300AB	113368
F3XA10300AC	113368
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F4DU10300BA	112936
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F4HT10300KA	112993
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F4TZ11002B	112275
F4XA11000BA	113136
F4XA11000BB	113136
F4XY11002A	113136
F4ZU10300DA	112933
F50U11000AA	112591
F50U11000AB	112591
F50U11000AC	112591
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F57U10300AA	111199
F57U10300BA	111199
F58U10300AA	112920
F58U10300AB	112938
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F58Z10346ARM	112938
F5HT10300BA	112935
F5HZ10346A	112993
F5HZ10346E	112935
F5OU10300FB	112942
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F5RU10300BC	112939
F5RU10346BA	112939
F5RU10346BC	112939
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F5RZ10346B	112939
F5RZ10346BB	112939
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F5TU11000AD	112276
F5TU11002A	112276
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F5UU10300BA	111200
F5UU10300CA	112377
F5UZ10346A	111200
F5UZ10346CA	112377
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F68U11000AC	112586
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F6DU10300BD	112944
F6DU10300FA	112936
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F6DZ11002A	112606
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F6LU10300CB	112943
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Cross Reference List

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F6PZ10346TA	112935
F6PZ10346UA	113582
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F6XZ10346AA	113369
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F81U10300DC	112953
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F81U11000AC	112608
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F8OZ10346CA	112942
F8PU10346CA	112936
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F8RU11000AA	113702
F8RZ10346CC	112952
F8XA10300AA	113369
F8XZ10346AA	113369
F8ZU10300AA	112993
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FAC11001G	113729
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FAC1101P	113729

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GL155	112915
GL170	110416
GL191	113000
GL192	110416
GL209	113233
GL209A	113233
GL210	113233
GL211	113233
GL221	113233
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GL225	112838
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GL244-A	112837
GL244A	112837
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R835X11000AC	112251
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R86AB11000JA	111131
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O.E.M. names and numbers are used for reference purposes only.

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R92AB11000FB	111131
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R95VW10300CC	111887
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R95VW10300NA	111477
R96FB10300DD	113447
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R96FB11000LC	111906
R97KB11000AB	113701
R97KB11000AC	113701
R98AB11000AD	112290
R98VB11000B1A	112251
RV87VG10300AB	111368
RV87VX10300AB	111368
RV94GB10300BB	111623
SA661A	110224
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SA709B	110225
SA712	110224
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SA733	110225
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SA737	112964
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SA760	112966
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SA768A	112089
SA771	112584
SA771A	112584
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SA775	112030
SA776	111844
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SA784	111370
SA785	113222
SA786	113225
SA787	112584
SA789	112592
SA790	112584
SA793	113218
SA794	113221
SA795	113220
SA797	113224
SA798	113223
SA799	112584
SA800	111370
SA801	113614

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SA813	112235
SA814	112340
SA815	111374
SA816	113136
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SA818	112591
SA819	112275
SA820	113136
SA821	112606
SA831	113226
SA832	112586
SA833	112586
SA836	112607
SA838	112646
SA841	111183
SA842	112646
SA849	112646
SA850	112593
SA851	112599
SA852	112595
SA853	111844
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V84FB11000BA	110337
V87VG10300AA	111368
V87VG10300AB	111368
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V94GB10K359AC	111623
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XF2U10300BC	112956
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XF2Z10346BA	112956
XF5210300AC	113370
XF5Z10346AA	113370
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XL1U10300BC	112585
XL1U10300BD	112585
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XL1U11000AB	112605
XL1U11000AC	112605
XL1Z11002AA	112605
XL2Z10346AA	112946
XL3U10300CA	111200
XL3U10300CB	111200
XR3U10300AA	112954
XR3U10300AB	112954
XR3Z10346AA	112954
XR8U10300CE	112955

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XS7U11000C4A	112235
XS7U11000C4A1	112235
XS7U11000CB	112235
XS8Z10346AA	112960
XS8Z10346BB	112952
XS9110300AB	112939
XS9110300AE	112960
XS9110300BB	112952
XS9110300BC	112952
XU2U10346AA	112585
XU2Z10346AA	112585
XW4U10300BA	112955
XW4U10300BB	112955
XW4U11000CG	112609
XW4Z10346BN	112955
XW4Z11000CG	112609
XW4Z11002CG	112609
XW7Z10346AA	112942
Y8SZ11002AA	111374
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YC1T10300BJ	113285
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YC1U11000AF	112821
YC1U11000AG	112821
YC3U11000AA	112608
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YF1U11000AA	112604
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YM2110300AA	112002
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YM2111000BA	112429
YS1610300CC	113599
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YS4U11000AB	111906
YS4U11000BA	111906
YS4U11000DA	112235
YS4U11000DB	112235
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YS6110300CA	113599
YS8Z11002AA	111374
GENERAL MOTOR	
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12563965	112908
12570256	112908
12578050	112902
30005226	111310
30005563	111310
94211350	110162
94449781	113086
94840315	113099
94847107	110681
94849282	110681
94854717	113106
94855154	111984
94857218	113627
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96056770	113087
96058456	110394
96064782	110394
96221945	113498
97209548	113733
97720446	113733

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HAB155100	111297
HAB160100	111308
HAB160102	111342
HAB165100	110660
HAB170103	111337
HAB170140	111237
HAB170144	110664
HAB175120	110802
HAB175160	111343
HAB175200	111309
HAB175241	111345
HAB175241N	111345
HAB180101	111317
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HAD155500	110706
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HAD165504	111339
HAD165520	111929
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HSC108100	110807
HSC109120	110958
HSG120500	110809
HSG232500	110576
HSP112110	110811
HSP112120	111242
HSP112140	111242
HSP112160	111307
HARLEY DAVIDSON	
29975-65C	111919
31390-91A	111838
31458-66B	111835
31458-66C	111835
31458-66TA	111835
31505-81	111838
31552-89	111837
31552-89A	111837
31553-90	111845
31553-94	111839
31558-90	111845
31558-94	111839
31570-73B	111836
31570-73C	111836
31570-73T	111836
31570-89	111837
31570-89A	111837
HATZ	
40099300	111649
HESSELMAN	
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12MB11M	111092
12MB11TWA	111092
12MB12M	111092
12MB12TWA	111092
12MB1CWA	111092
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12MC6TWA	110344
24M1TP13	111091
24MB1TWA	111091
24MB21M	111091
24MB21TWA	111091
24MB22M	111091
24MB22TWA	111091
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24MC42TWA	110345
24MC4TWA	110345
HINO	
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28100-1542B	113130
28100-1543	113130

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28100-1930A	113214
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28100-1961	113214
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23300-6J04	113191
8971701631	113190
GSB107-01	113144
GSB107-04A	113144
GSB107-04C	113144
GSB107-06	113145
GSB107-06B	113147
GSB107-06E	113145
GSB107-06F	113145
GSB107-10B	113146
GSB107-10C	113146
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LR1100-716	113425
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LR1110-717	113316
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LR1120-701	112002
LR1125-702	113161
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LR135-105	112270
LR135-107	110264

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LR135-116	112270
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LR135-124	112270
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LR135-132	110264
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LR140-429B	111436
LR140-433	111267
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LR140-703	110696
LR140-705	110696
LR140-714	113401
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LR140-716	113401
LR140-719	113401
LR140-721	113401
LR140-721B	113401
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LR150-110	110267
LR150-110C	110267
LR150-111	110703
LR150-125	110168

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LR150-35	110168
LR150-36	110168
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LR150-410	110699
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LR150-410CA	110699
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LR150-448	111267
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LR155-418B	111291
LR155-419	111291
LR155-419B	111291
LR155-503D	111707
LR155-504	111707
LR160-104	110265
LR160-105	110307
LR160-109C	110307
LR160-113	110265
LR160-116	110307
LR160-121	110307
LR160-124	110307
LR160-125	110265
LR160-12B	110260
LR160-137	110267
LR160-138	110267
LR160-144	110705
LR160-151	112968

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O.E. No.	HC-CARGO
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LR160-412G	110706
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LR165-707B	110632
LR165-708	110631
LR165-708B	110631
LR165-708C	110631
LR165-708E	110631

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LR165-711B	111704
LR165-714	113697
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LR170-18	110265
LR170-21	110265
LR170-401	113412
LR170-402	111431
LR170-402B	111431
LR170-402C	111431
LR170-402E	111431
LR170-402F	111431
LR170-404	111692
LR170-404B	111692
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LR170-404E	111692
LR170-405	111236
LR170-406	112092
LR170-406B	112092
LR170-406C	112092
LR170-406E	112092
LR170-406F	112092
LR170-407	112093
LR170-407B	112093
LR170-407E	112093
LR170-407S	112093
LR170-407T	112093
LR170-408	112093
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LR180-737B	111264
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LR190-752	113787
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LR220-24	110448
LR220-26	113416
LR225-403	110567
LR225-408	111493
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LR225-408C	111493
LR225-408E	111493
LR225-409	111493
LR225-409E	111493

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LT150-114B	110259
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LT150-72	110259
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S114-414A	112478
S114-418	111182
S114-419	111182
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S114-424	111182
S114-424A	111182
S114-426	110277
S114-429	111276
S114-429A	111276
S114-430	112983

O.E.M. names and numbers are used for reference purposes only.

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S114-443A	112373
S114-452	112216
S114-452A	112216
S114-453	110309
S114-456	112216
S114-456A	112216
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11.130.194	110439

Cross Reference List

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11.130.233	110587
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11.130.253	110530
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11.130.624	110462
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11.130.687	111638
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11.130.732	111304
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11.130.743	110527
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11.130.766	112132
11.130.769	110461
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11.130.963	111131
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11.130.997	113430
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11.131.052	112545
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11.131.056	113387
11.131.063	113478
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11.131.117	113429
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11.131.137	112005
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11.131.157	112034
11.131.162	110819
11.131.164	112496
11.131.167	113532
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11.131.186	113690
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11.201.186	110766
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11.201.255	111075
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O.E.M. names and numbers are used for reference purposes only.

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11.201.370	110754
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11.201.406	111148
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11.201.444	112098
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11.201.453	110105
11.201.457	110890
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11.201.469	111171
11.201.470	110968
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11.201.481	111176
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11.201.496	111085
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Cross Reference List

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O.E.M. names and numbers are used for reference purposes only.

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AL3846201	112046
AL41247	111755
AL60033	111215
AL62401	111649
AL62690	111755
AL62691	111755

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AL62773	111755
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AL67176	110105
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AL78690	111215
AL78692	113531
AL78760	111755
AL81154	112442
AL81436	110105
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AL81438	113531
AM100807	111087
AM100809	111087
AM104559	113596
AM106883	112563
AM107631	112546
AM108390	112546
AM109408	113597
AM117130	113017
AM120729	113017
AM120843	112677
AM122337	110634
AM124993	112546
AM131296	112546
AM132702	112546
AM132818	113017
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AM31754	111702
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AM32853	111702
AM34248	110510
AM3424B	110510
AM34361	111702
AM34753	111701
AM34888	110510
AM37032	110510
AM37352	110634
AM37725	111701
AM37869	110510
AM38136	112563
AM38984	110635
AM39137	110634
AM39285	112563
AM39287	110635
AM875014	112373
AM877740	110620
AM878176	112373
AM878415	110485
AM878581	113401
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AM879909	113742
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AMJ7869	110510
AN193461	110445
AR62401	111649
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AR87204	110445
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AR93447	110445
AR93448	110445
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AT173624	111888
AT185951	113531
AT220394	111843
AT229394	111843
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CH19279	110485

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LG490420	112563
LG497401	112563
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LG497596	110635
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LG91262	112563
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M143512	113539
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RE185213	113889
RE19275	110942
RE28186	113769
RE36246	111215
RE36267	111843
RE36268	112773
RE37201	111215
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RE502156	113478
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RE505746	113478
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RE509658	111221
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RE70728	113454
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TY24486	113531
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TY6719	110942
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TY6795	112773
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O.E.M. names and numbers are used for reference purposes only.

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KK13718300	111714
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KK33918300	111714
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KK40118400	110807
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KY0218400	110807
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12-098-05	112150
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24-098-01	112546
25-098-03	113017
25-098-04	113017
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25-098-09	112546
25-098-11	112546
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2509809	112546
41-098-01	111702
41-098-03	111702
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41-098-06	111012
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4509809	110510
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155-216-3011	110720
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600-821-6150	110657
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15461-63015	110720
15471-64011	110258
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16231-64012	111048
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17381-63014	110940
17381-63015	110940
17490-63011	110720
17525-64011	113401
1752564011	113401
19013-63011	110940
19013-63012	110940
19202-63011	110938
19212-63011	110246
19212-63012	110246
19215-63011	110246
19215-63012	110246
19269-19010	111021
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19269-63011	111021
19269-63012	111021

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19883-63012	113204
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2101-3701010	110349
2101-3708000	110352
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CT2213708000	110352
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2626J	113651
2670J	113651
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2800JB	113740
2800LC	113740
2800LJ	110937
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4502ME	112253
4625JA	110937
4725JA	110937
4727JB	112560
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O.E.M. names and numbers are used for reference purposes only.

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13229	111432
13231	113030
13232	110682
13234	111435
13236	111668
13238	111345
13239	111604
13240	110682
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13242	112777
13243	112734
13244	112746
13245	111193
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13250	110631
13251	110632
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13265	110927
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13269	111895
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13367	112734
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13378	113576
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13389	112181
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13679	111779
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13702	111405
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13742	113071
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13766	113362
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13777	113569
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16792	113039
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16794	110256
16795	110182
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16807	112983
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16823	110396
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16888	110295
16889	111451
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16892	111555
16893	111446
16895	110709
16896	110581
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16960M	113024
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16973	113099
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16975M	112214
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16993	110249
16995	112982
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17093	110813
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17098	111021
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17112	111004
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17137	110478
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17172	111557
17176	110572
17179	113041
17181	110808
17183	111856
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17367	110938
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17376	113203
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174848	111370

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17644	110443
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17663	111865
17665	113175
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17756	112013
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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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18096	110182
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18135	112503
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18245	111913
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3353	111224

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4254	110469
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4337	110506
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5723	112145
5724	112247
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6232	110999
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6245	110347
6246	110436
6252	110436
6253	110436
6254	110436
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6269	112169
6287	113695
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6292	112243
6293	112243
6294	112255
6300	111699
6308	112909
6310	110221
6312	112911

O.E. No.	HC-CARGO
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6316	112910
6317	110221
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6322	112911
6323	112911
6325	112911
6328	110221
6334	112910
6337	112911
6338	110221
6339	110221
6343	112341
6346	113435
6348	113123
6349	110436
6352	112089
6354	112243
6356	112089
6358	112243
6359	112243
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6361	110999
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6369	110999
6370	111000
6371	110436
6372	110436
6378	110999
6379	112255
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6387	111224
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6392	111224
6393	112255
6398	113125
6399	112255
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6407	111786
6409	111786
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6448	112898
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6459	112169
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6467	112256
6468	112341
6469	112341
6470	112897
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6473	112911
6476	112898
6477	112904
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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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6494	112902
6508	111000
6510	111286
6511	112089
6513	112089
6515	112258
6518	112259
6519	110604
6525	110436
6526	110999
6528	112089
6536	112267
6541	110604
6544	110999
6548	113153
6551	112089
6554	112089
6557	110999
6560	111786
6562	111786
6563	111699
6570	111221
6571	110602
6572	112268
6573	112267
6574	111760
6575	110604
6576	110590
6578	111383
6579	113008
6580	113008
6581	111222
6582	111760
6583	112267
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6586	110602
6588	112268
6589	113452
6590	112653
6591	112269
6592	111760
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6594	112652
6595	112667
6596	113007
6597	113010
6598	113435
6599	113008
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6601	113011
6606	112667
6607	112253
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6636	110436
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6728	111259
6737	111760
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6779	110999
6780	110999
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6792	111786
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6807	113826
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7072-3	110238
7072-9	110238
7078	110237
7083	113233
7088	112836
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7088-2	112838
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7111	110075
7117	110075
7122	110075
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7127-3	110505
7127-6	110505
7127-9	110505
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7134-12	110235
7134-3	110235
7134-6	110235
7134-9	110235
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7137-9	110235
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7142	113724
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7160	110591
7161	110300
7164	110235
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7177-12	110505
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7179	110952
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7197	110300
7198-12	110505

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7254	111261
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7263	112261
7265	112263
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7272-3	110505
7272-6	110508
7272-9	110508
7273-12	110471
7273-3	110471
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7273-9	110471
7273-9R	110508
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7287-12	112988
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7290-6	110492
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7292-9R	110471
7294	110471
7294-12	110471
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7344	110371
7359	110422
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7499	110408
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7552	110516
7564	112993

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7666	112990
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7670	111232
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7684-11	112896
7685	112995
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7687	112641
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7716-10	112835
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7716-OE	112835
7719-12	112914
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7744-10	112917
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7745-2	112916
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7755-11	112922
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7797	112953
7798	112948
7799	112950
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7801-7	111486
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7802-3	110984
7802-7	110502
7804-11	110502
7805-11	112876
7806-2	112880
7807-11	112126
7808-3	112449
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7817-3	110724
7818	112664
7818-3	112664
7819-11	110503
7820-11	112126
7830	110471
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7861-7	110500
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7873-11	112855
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7886-11	110503
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7894-7	112634
7897-11	110986
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7937-3	112856
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7964-7	111220
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7966-2	112883
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7973	112447
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7976	111232
7977-11	110502
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8092	113004
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8114-3	111854

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8193-5	112892
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8196-7	112888
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23862	113474
23864	111086
23865	111948
23872	111184
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23874	110178
23878	110178
23882	110968
23886	110178
23888	110726
23889	110178
23890	111185

Cross Reference List

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23895	110178
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23904	110178
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23974	110178
23980	110612
23983	111185
23984	111184
23985	111185
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23989	110178
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23991	111204
23993	113378
23994	111185
23995	110968
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23999	111204
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24015	113474
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24027	111086

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24083	111184
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24103	110178
24108	110179
24112	111289
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24118	111086
24119	111364
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24133	110179
24134	111185
24134A	111185
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24149	111086
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24156	111364
24157	110770
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24157F	110770
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24161	112238
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24171	110641
24177	111364
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24186	111740
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24188	111754
24198	111366
24199	111289
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24202	111355
24203	110612
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24206	110891
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24207	111176
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24208	110770
24209	111355
24211	113378
24214	111035
24214A	111035
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24216	111359
24216A	111359
24217	111176
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24219	111366
24220	110891
24221	111176
24221A	111176
24223	111368
24224	113622
24228	112238
24229	110891
24230	110607
24230	111754
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24235	110968
24235A	110968
24235B	110968
24235D	110968
24236	111360
24240	112238
24241	112238
24242	112238
24245	111355
24246	111363
24246A	111363
24249	111362
24250	111740
24256	111363
24257	111741
24260	111364
24261	111362
24261A	111362
24262	111364
24264	110607
24264	111754
24271	111360
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24273	111739
24273A	111739
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24286	111361
24289	111362
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24293	111623
24293	111742
24294	111355
24295	113623
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24298	111362
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24318	111289
24322	112722
24327	111363
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24329	111282
24332	111364
24334	111176
24334A	111176
24356A	111355
24374	111623
24374	111742
24380	112238
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24385	113623
24387	111355
24390	111355
24400	111740
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24404	113624
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24407	112722
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25238	111102
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25250	110831
25255	110831
25257	110363
25270	110336
25271	110336
25272	110336
25276	110831
25282	110771
25286	110363
25287	110840
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25289	110336
25290	110840
25292	110784

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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25350	110410
25351	110410
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25356	110831
25357	110336
25368	110831
25383	111053
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26021276	113683
26024033A	113478
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26025117A	110523
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26025198A	110440
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26133	110818
26137	110462
26143	110818
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26145	110439
26147	110462
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26167	110818
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26339	110462
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26341D	110465
26341J	110465
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26342B	110465
26342D	110465
26342K	110465
26342L	110465
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26343D	111573
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26390	110813
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26395	110462
26398	112136
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26398F	112136
26399	110462
26400	110444
26400A	110444
26400B	110444
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26407	110461
26408	110460
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26430A	113380
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26436	110460
26436A	110460
26436B	110460
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26604	110410
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26649	110831
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26656	110831
26657	110831
26660	113346
26667	111303
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26695	112141
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26813	111608
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26913	110867
26917	110818
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26921168A	113683
26925056	112163
26925121A	112164
26925155A	110462
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26925159A	111310
26925159B	111310
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26925188A	110438
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26925189A	110439
26925189D	110439
26925193A	110565

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26925316A	110615
26925519A	110565
26935	110867
26935D	110867
26941	110867
26942	110867
26943	113752
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26946	113752
27004	112141
27006	111131
27008	111053
27014	111131
27018	112390
27022	111303
27029	110410
27034	113346
27043	111303
27047	111303
27048	112536
27301K	112670
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27315B	112670
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27408	110439
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27409D	110439
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27415	110442
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27415B	110442
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27432	110439
27435	110443
27435A	110443
27440	110640

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27602	111346
27603	110615
27604	112660
27607	110615

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47044605	112317
47044606	112318
47044608	112317
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47044617	112318
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O.E.M. names and numbers are used for reference purposes only.

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O.E.M. names and numbers are used for reference purposes only.

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LRS00560	111059
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LRS00825	110210
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LRS00827	112289
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LRS00838	110814
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LRS00842	110521
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Cross Reference List

O.E. No.	HC-CARGO
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NAB301	110969

O.E. No.	HC-CARGO
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NAB901	110977
NAB902	110976
NAB903	110577
NAB904	110976
NAB905	111204
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NSB110	110410
NSB317	111080
NSB409	110440
NSB415	110818
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NSB531	110565
NSB532	110459
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NSB535	110465
NSB540	110565
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S2753	112910
S2755	112913
S2757	111786
S2762	112911
S2763	112898
S2765	112904
S2930	110225
S2931	110225
S4515	110819
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S9081	110315
S9101	113741
S9415	110810
S9421	110810
S9463	113668
S9620	112911
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S9999	113681
MAGNETI MARELLI	
063522187590	112436
2707130	110442
27419	110464
27489	110464
27522	110819
27540	110819
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27587A	110545
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O.E. No.	HC-CARGO
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30680350	110912
30680352	110612
30680353	110890
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4755110	110522
4755112	110519
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54293284	110615
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63101015	112382
63101018	112382
63102003	111420
63102007	112382
63102008	111630
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63102020	112382
63103002	112124
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63213855	110529
63214308	110520
63214333	110520
63214371	110520
63216702	110520
63216703	110518
63216704	110521
63216725	110521
63216726	110521
63216727	110521
63216731	110521
63216733	110520
63216740	110518
63216741	110518
63216747	110521
63216748	110521
63216800	110529
63216814	110530
63216816	111001
63216825	110529
63216826	110529
63216827	110529
63216831	110529

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
MAGNETI MARELLI	
63216873	110522
63216874	110529
63216876	110530
63216884	110530
63216896	110522
63217101	110813
63217106	111284
63217121	113381
63217125	110813
63217126	110813
63217138	110530
63217147	110814
63217163	111284
63217201	110517
63217225	110517
63217226	110517
63220505	110829
63220536	111119
63220537	110365
63220538	110827
63220700	110826
63220701	110338
63220703	110365
63220704	110827
63220705	110826
63220721	110338
63220724	110827
63220734	110827
63220743	110365
63221300	110825
63221302	110823
63221303	111104
63221304	110340
63221305	111058
63221307	111058
63221330	110825
63221333	111104
63221400	111106
63221401	112289
63221403	111106
63221431	112289
63221437	110340
63221504	110797
63221533	111117
63221534	110797
63221535	111058
63221604	111505
63221632	111106
63221637	111228
63221800	111025
63221801	111423
63221830	111025
63221831	111423
63221890	111025
63222001	111113
63222005	112533
63222031	111113
63222034	111421
63222035	112533
63222036	111423
63222038	112125
63222039	111113
63222131	111424
63222133	111423
63222134	112125
63222135	112125
63222136	111113
63222138	111421
63222204	112223
63222206	111424
63222408	110352
63222435	110352
63222436	110352
63222438	110352
63222506	110352
63222831	111228
63222836	111585
63222837	111585
63222888	111422
63222889	111422
63222890	111422
63222897	111585

O.E. No.	HC-CARGO
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63222904	111420
63222905	111585
63222908	111585
63222936	111422
63223031	111228
63223033	111228
63223035	111228
63223085	112122
63223101	112124
63223103	113346
63223104	113346
63223200	111422
63223203	110836
63223206	110836
63223207	110836
63223236	110836
63223237	110836
63223303	112122
63223330	110836
63223332	110836
63223430	111117
63223431	110854
63223432	112455
63223433	111400
63223434	111010
63223435	111911
63223436	110854
63223438	112309
63223530	110854
63223531	110854
63223532	112123
63223537	111911
63223538	113701
63223639	112381
63223730	111685
63224580	110521
63224600	110529
63226301	110213
63226391	110213
63226631	112390
63226689	111750
63226845	110818
63226920	112277
63226942	110867
63227004	112319
63227014	111131
63227061	111126
63227413	110818
63227470	110819
63227478	110615
63227480	110819
63227488	110819
63227489	110464
63227501	110461
63227508	112660
63227512	110545
63227520	110615
63227528	110818
63227541	111346
63227564	112267
63227565	111346
63227568	111346
63227569	110462
63227585	110615
63227588	110615
63227590	111346
63227596	110615
63227598	111346
63227599	111346
63227601	112136
63230001	113346
63253010	111131
63253020	110867
63280040	113654
63280041	113655
63280070	111911
63280071	112533
63291405	110585
63293537	111911
63293538	113701
63296357	110615

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63300521	111180
63300900	111180
63300901	111180
63300920	111180
63300921	111180
63303110	110611
63303130	110611
63303140	110611
63303191	110611
63303192	110611
63303500	110611
63303502	111078
63303581	110912
63303610	111035
63303701	111078
63303702	110612
63303703	111078
63303721	111078
63303731	111078
63303733	111078
63303739	111411
63303780	111138
63304011	112097
63304012	112097
63304021	112097
63304031	112097
63304041	112097
63304051	112097
63304061	112097
63304087	112097
63304100	112097
63304120	112097
63305000	111138
63305020	110912
63305100	111138
63305101	110612
63305130	111138
63305131	110612
63305150	110912
63305206	110882
63305236	110882
63305276	110882
63305300	110912
63305310	110912
63305400	110912
63305401	111035
63305404	110912
63305405	110912
63305406	110912
63305424	110912
63305425	110912
63305426	110912
63305430	110912
63305450	110912
63305506	110890
63305520	110912
63305526	110890
63305606	110890
63305621	110912
63305700	110880
63305721	110911
63305722	110911
63305800	111153
63305801	111620
63305802	111686
63305822	111686
63305832	111686
63305842	111686
63306000	112097
63306070	112097
63306300	112097
63306301	112097
63306302	112097
63306389	112097
63306701	111078
63307100	111138
63307101	110612
63307105	110612
63307106	111078
63307108	111078
63307120	111138

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MAGNETI MARELLI	
63307126	111078
63307128	111078
63307131	110612
63307150	110912
63307160	110912
63307206	110882
63307207	110882
63307227	110882
63307236	110890
63307246	110882
63307256	110882
63307400	110912
63307401	111035
63307403	110991
63307405	110912
63307406	110991
63307407	110912
63307410	110912
63307420	110912
63307425	110912
63307429	110912
63307430	110912
63307431	111035
63307450	110912
63307460	110912
63307470	110912
63307503	110991
63307506	110890
63307526	110890
63307536	110890
63307604	111148
63307624	111148
63307634	111148
63307801	111620
63307802	111686
63307822	111686
63307841	110890
63308300	112097
63308310	112097
63308320	112097
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63308350	112097
63308360	112097
63308370	112097
63308380	112097
63308701	111078
63320001	111036
63320002	111078
63320003	112719
63320004	111035
63320005	110612
63320006	110612
63320007	112719
63320008	112719
63320010	110991
63320013	111654
63320015	111686
63320016	111148
63320017	111654
63320018	111620
63320020	111654
63320021	110882
63320023	110890
63320024	111418
63320025	112097
63320026	111620
63320028	111035
63320030	110991
63320031	112719
63320032	111620
63320034	111621
63320035	111148
63320037	112768
63320039	111082
63320040	113471
63320042	111620
63320044	111620
63320045	111668
63320046	111620
63320047	113473
63320048	113472

Cross Reference List

O.E. No.	HC-CARGO
MAGNETI MARELLI	
63320049	111686
63320053	112719
63320055	111148
63320060	112097
63320073	113473
63320082	113472
63320091	111032
63320094	111687
63320100	110890
63320105	111620
63320111	113533
63320112	110912
63320121	111620
63320125	112719
63320126	111654
63320130	111035
63320132	113472
63320200	111411
63320218	111756
63320219	111411
63320243	112325
63320258	111505
63320277	111688
63320289	112025
63320305	112022
63320309	111282
63320315	112025
63320317	112324
63320333	111409
63320334	113529
63320347	112324
63320511	111416
63320531	112325
63321000	111036
63321001	111078
63321003	111035
63321005	111035
63321006	110612
63321008	110912
63321010	110912
63321011	112719
63321015	110991
63321017	111654
63321019	111686
63321020	111686
63321021	111686
63321022	111686
63321023	111148
63321028	112719
63321029	111654
63321035	110882
63321036	110882
63321037	110882
63321041	110890
63321042	110890
63321044	111418
63321045	112097
63321046	112097
63321047	112097
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63321050	112097
63321055	112097
63321057	112728
63321059	112727
63321061	110912
63321062	111620
63321067	111621
63321068	111148
63321070	111148
63321071	110912
63321077	111654
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63321081	112728
63321083	111082
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63321086	111620
63321091	113472
63321096	111620
63321097	113473
63321098	113473

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63321099	111686
63321103	112719
63321104	112097
63321105	112761
63321112	110890
63321114	111082
63321115	112097
63321123	111654
63321137	113473
63321146	111686
63321149	113472
63321150	113473
63321151	113472
63321154	111035
63321156	113472
63321159	111032
63321160	111032
63321161	112097
63321165	111687
63321170	111803
63321172	110912
63321173	113471
63321178	112728
63321189	111036
63321200	111411
63321204	111416
63321205	111802
63321227	111568
63321229	112022
63321231	112540
63321233	111411
63321234	113537
63321235	111505
63321237	111568
63321238	111756
63321239	112202
63321240	112025
63321241	111409
63321243	112025
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63321246	111409
63321251	111416
63321252	111689
63321257	112325
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63321275	111416
63321276	111802
63321277	111412
63321278	111413
63321279	111795
63321280	113537
63321281	111505
63321282	111416
63321283	111689
63321285	112718
63321287	113536
63321295	111689
63321299	111582
63321300	111505
63321302	111417
63321311	111413
63321312	113667
63321313	111625
63321315	111500
63321316	111625
63321321	112021
63321324	112698
63321328	111688
63321329	111582
63321330	113536
63321331	111568
63321332	111568
63321343	112698
63321344	112698
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63321346	112718
63321347	113529
63321348	111633
63321349	111409
63321351	111282

O.E. No.	HC-CARGO
MAGNETI MARELLI	
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63321361	111802
63321362	111416
63321364	111505
63321367	111416
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63321402	111582
63321405	112022
63321406	111568
63321409	112719
63321412	111500
63321421	113529
63321422	112698
63321423	111625
63321425	112325
63321426	112095
63321433	111106
63321434	112324
633214434	112324
63321453	111568
63321466	112324
63321470	111411
63321491	111625
63321497	113336
63321501	113336
63321507	113336
63321600	111411
63321602	113537
63321603	111505
63321604	111505
63321605	113335
63321606	111689
63321607	111689
63321609	111689
63321610	111412
63321611	111413
63321612	113536
63321613	113667
63321615	111416
63321616	111416
63321617	111802
63321618	111417
63321620	112385
63321625	111689
63321626	113684
63321627	113684
63321636	112203
63321640	111725
63321641	110619
63321658	112384
63321661	111416
63321663	113537
63321666	112325
63321669	112121
63321671	111723
63321677	112142
63321678	112143
63321679	111795
63321691	112121
63321693	111633
63321695	112325
63321697	111795
63321702	112384
63321705	111633
63321711	112654
63321712	111411
63321713	113335
63321718	113718
63321724	112121
63321727	112203
63321729	113536
63321730	112121
63321730A	112121
63321730B	112121
63321733	113405
63321734	113575
63321740	113404
63321741	112648
63321743	113621

O.E. No.	HC-CARGO
MAGNETI MARELLI	
63321746	112142
63321747	113537
63321753	113529
63321758	113599
63321770	110619
63321771	111723
63321775	113535
63321788	113684
63321790	113684
63321800	111409
63321802	111625
63321804	113336
63321805	113336
63321809	111413
63321817	113621
63321819	113536
63321823	112142
63321828	113405
63321829	113872
63321833	113338
63321836	113536
63321848	111411
63321859	113336
63321863	113684
63321896	112384
63324145	111364
63324233	110891
63324242	112238
63324273	111739
63324274	111740
63324294	111355
63324295	113623
63324311	113625
63324327	111363
63324384	113623
63324385	113623
63324387	111355
63324407	112722
63325256	111363
63340004	112021
63341200	111411
63341233	111411
63341238	111756
63341239	112202
63341243	112025
63341244	112121
63341321	112021
63341343	112698
63341344	112698
63341345	113529
63341351	111282
63341353	112025
63341358	112021
63341434	112324
63341636	112203
63341658	112384
63341666	112325
63341669	112121
63341677	112142
63341678	112143
63341679	111795
63341691	112121
63341695	112325
63341697	111795
63341702	112384
63341711	112654
63341712	111411
63341724	112121
63341727	112203
63341730	112121
63341733	113405
63341746	112142
63341758	113599
63341797	111795
63358010	111289
63358020	111289
63362003	110899
63362004	110899
63362006	110899
63377002	113718
63377013	113535

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O.E. No.	HC-CARGO
MAGNETI MARELLI	
63377404	112142
63377410	111795
63377412	112142
63377413	112142
63377416	113849
63377461	113763
63377462	113763
63521070	111015
63522235	110813
63522300	113182
63522310	112498
943226366	110615
943251688	111131
943305226	110882
943320021	110882
943320023	110890
943320025	112097
943320049	111686
943321004	110612
943321017	111620
943321019	111686
943321023	111148
943321044	110882
943321068	110612
943321083	111082
943321086	111620
943321095	112768
943321149	113472
943321150	113473
943321172	111654
943356019	111083
943356274	111180
943356305	110882
943356316	112768
943356353	110890
943356442	110913
94335657	111082
943356621	110923
943356633	111289
943356639	111289
943356667	112744
943356731	111665
943356806	110612
943356815	111150
943356823	111085
943356826	110881
943358010	111289
E100-1.3/12V8	110352
E80-1.1/12V	111228
E84-0.8/12V1	110338
E84-0.8/12V3	110365
E84-0.8/12V4	110827
E84-0.8/12V5	110826
M125-3/12	110529
M125M3-Z9(3/12)	110529
MRS706	113467
MSN2006	112436
MSN2008	112498
MSN2024	110396
MSN2036	110813
MSN2039	113182
MSN293	110826
MSN642	111911
MT38RA	111217
MT38TB	110529
MT43HA	110520
MT62BA	110529
MT67A	110521
MT67AA	110521
MT67AB	110521
MT67AC	110521
MT67AD	110521
MT67B	110520
MT67BA	110520
MT67C	110518
MT67CA	110518
MT67CB	110518
MT67D	110521
MT67DA	110521
MT67DB	110521
MT68A	110529
MT68AA	110529

O.E. No.	HC-CARGO
MAGNETI MARELLI	
MT68AB	110529
MT68AC	110529
MT68AD	110529
MT68B	110519
MT68BA	110519
MT68LA	110522
MT68LB	110522
MT68LC	110522
MT68MB	110529
MT68P	110530
MT68PA	110530
MT68PB	110530
MT68R	111001
MT68RA	111001
MT68T	110536
MT71A	110813
MT71AA	110813
MT71AB	110813
MT71D	110814
MT71DA	110814
MT71DB	110814
MT71E	110812
MT71T	110812
MT71TA	110812
MT71Z	113381
MT72A	110517
MT72AA	110517
MT72AB	110517
MT74G	110536
MT74L	111693
MAGNETON (PAL/SKODA)	
02914207	110624
114901010	110542
11490400	110624
115901010	110622
334113516414	112162
334113516653	110621
443113515241	113543
443113515765	113542
443113516051	110542
443113516120	110542
443113516121	110542
443113516180	110542
443113516181	110542
443113516184	110542
443113516241	113543
443113516404	111076
443113516414	112162
443113516591	112387
443113516630	110622
443113516631	110622
443113516632	110622
443113516634	110622
443113516650	110621
443113516653	110621
443113516660	110622
443113516661	110622
443113516662	110622
443113516670	112035
443113516673	112035
443113516701	111362
443113516741	111368
443113516750	110622
443113516751	110622
443113516752	110622
443113516761	111168
443113516836	111009
443113516846	111009
443113516866	110163
443113517103	112075
443115141310	111214
443115141313	111909
443115141319	113677
443115141331	112388
443115141338	112388
443115142071	110624
443115142110	110624
443115142112	110624
443115142350	111214
443115142702	113269

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MAGNETON (PAL/SKODA)	
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443115142780	112488
443115144420	110545
443115144620	110545
443115144702	111201
443115144722	110545
443115144723	110522
443115144726	110525
443115144729	110545
443115144742	110551
443115144743	110530
443115174602	110523
443115174622	110520
443115174642	110550
443115187340	111008
443115901010	110622
444115144702	111201
446115144702	113269
8515220	110881
9124310	110523
9124320	110517
9124330	110518
9124340	110601
9124350	110524
9125010	110210
9125020	110213
9125030	110532
9125040	112118
9125100	110205
9125110	112119
9125120	110214
9125130	110212
9125140	110211
9125150	111231
9125160	112117
9125220	110206
9125240	110207
9125250	110208
9125260	110206
9125270	110582
9125290	110601
9125300	111249
9125310	110600
9125320	110512
9125330	110206
9125340	110512
9125350	111218
9125370	110534
9125400	110535
9125420	110209
9125430	110932
9125460	110212
9125480	110582
9125490	111219
9125500	110980
9141310	111214
9141312	110624
9141317	110351
9141319	112167
9141325	110338
9141331	112388
9141350	111241
9141384	110867
9141385	111619
9141390	112306
9141391	111059
9141392	111523
9141393	111060
9141394	111748
9141395	112286
9141396	112286
9141400	110587
9141404	111070
9141414	112133
9141430	111214
9142110	110624
9142112	110624
9142320	110521
9142700	111755
9142702	113269
9142722	110545
9142724	110461

O.E. No.	HC-CARGO
MAGNETON (PAL/SKODA)	
9142726	111855
9142728	110615
9142741	110545
9142744	110519
9142745	112442
9142746	110525
9142764	110818
9142765	110462
9142766	112074
9142780	112488
9142801	111332
9142802	110536
9142805	111752
9142840	111693
9142860	110461
91428729	110464
9142880	110530
9142900	111855
9144702	111201
9144722	110545
9144742	110551
9144743	110530
9144744	110529
9144745	110813
9144821	110530
9144965	110462
91455722	110545
915109D	112429
915109E	112286
915111A	111909
915111D	112005
9172780	113356
9174602	110523
9174642	110550
9187340	111008
95124596	113716
9513031	112098
9513053	111662
9513071	113632
9513160	111843
9513170	113632
9514090	111216
9514096	111216
9514566	113716
9514590	113716
9514593	113716
9514696	113716
9515010	112098
9515040	112238
9515050	111170
9515051	111170
9515080	111686
9515112	113552
9515122	113552
9515180	111843
9515241	113543
9515311	110641
9515404	111076
9515414	112162
9515765	113542
9515836	111009
9516050	110542
9516051	110542
9516060	110542
9516061	110542
9516241	113543
9516381	112234
9516590	112387
9516591	112387
9516650	110621
9516653	110621
9516660	110622
9516673	112035
9516709	111289
9516714	111035
9516716	111168
9516720	111086
9516721	111086
9516740	111289
9516742	111289
9516760	111168
9516761	111168

Cross Reference List

O.E. No.	HC-CARGO
MAGNETON (PAL/SKODA)	
9516765	113542
9517103	112075
9517108	113530
9517162	111353
9517163	111878
9517164	111825
9517166	111879
9517169	112148
9517181	111820
9517182	111477
9517183	111820
9517184	111858
9517185	111477
9517187	111677
9517189	111899
9517212	112274
9517213	111989
9517219	112043
9517241	112419
9517403	113340
9517413	112079
9517463	113341
9517482	111884
9517483	112079
9517484	111858
MAHINDRA	
005558084R91	113670
1233544R91	113670
MAN	
50.26201-7078	113465
51.26101-7085	110766
51.26101-7133	110761
51.26101-7138	112732
51.26101-7144	110895
51.26101-7145	111141
51.26101-7148	110113
51.26101-7155	110116
51.26101-7156	111146
51.26101-7159	112779
51.26101-7184	112779
51.26101-7185	110895
51.26101-7190	111146
51.26101-7200	112732
51.26101-9144	110895
51.26101-9185	110895
51.26201-7001	110512
51.26201-7008	111217
51.26201-7011	110530
51.26201-7012	110537
51.26201-7028	110524
51.26201-7029	110205
51.26201-7034	110208
51.26201-7042	110533
51.26201-7057	110210
51.26201-7061	110210
51.26201-7067	110524
51.26201-7074	110512
51.26201-7085	113468
51.26201-7087	110210
51.26201-7092	110206
51.26201-7095	111640
51.26201-7100	110208
51.26201-7101	110524
51.26201-7108	110206
51.26201-7110	110210
51.26201-7112	110512
51.26201-7118	113468
51.26201-7119	111640
51.26201-7123	110210
51.26201-7127	110206
51.26201-7152	113468
51.26201-7153	111640
51.26201-7157	113468
51.26201-7158	113759
51.26201-7212	113759
51.26201-9001	110512
51.26201-9008	111217

O.E. No.	HC-CARGO
MAN	
51.26201-9028	110524
51.26201-9034	110208
51.26201-9057	110210
51.26201-9061	110210
51.26201-9067	110524
51.26201-9074	110512
51.26201-9117	110206
51.26201-9127	110206
51.26201-9140	111640
81.26101-6012	110766
81.26101-6013	110987
81.26101-6025	110766
81.26101-6079	111842
81.26101-6081	111842
81.26101-9013	110987
81.26201-9013	113466
81.26201-9029	110205
88.26201-6200	110531
88.26201-9200	110531
A5.00055-9254	113466
A5.00055-9361	113465
MARELLI	
054022197	111364
054022238	110968
054022379	112238
054022384	110770
054022384	110968
054022384	111289
054022384	111362
054022384	111364
054022581	111289
054022581	111356
054022584	111176
054022584	111741
054022585	111176
054022585	112725
054022585	113624
054022597	111360
054022598	110770
054022598	111356
054022598	111364
054022598	111366
054022598	112238
054022599	111359
054022600	111741
054022601	111741
054022602	111176
054022603	110891
054022604	110891
054022625	111362
054022626	110770
054022628	111356
054022628	111362
054022630	111364
054022631	110770
054022636	110770
054022639	110968
054022639	111355
054022640	112238
054022641	110770
054022641	112238
054022642	110770
054022642	111355
054022643	110770
054022646	112238
054022647	110770
054022647	111355
054022649	110770
054022650	111176
054022654	111361
054022656	112722
054022664	111361
063102003	111420
063102008	111630
063103002	112124
063216731	110517
063216731	110521
063216733	110520
063216733	110601

O.E. No.	HC-CARGO
MARELLI	
063216741	110518
063216748	110521
063216831	110529
063216833	110519
063216833	110812
063216876	110530
063216896	110522
063217121	110640
063217121	113381
063217126	110529
063217126	110813
063217148	110814
063217148	111693
063217154	110519
063217154	110812
063217158	112039
063217226	110517
063217410	111693
063220538	110827
063220741	110338
063220741	110826
063220931	111118
063221330	110825
063221330	111228
063221333	111104
063221431	110825
063221431	112289
063221433	110836
063221433	111106
063221532	112289
063221892	110365
063222034	111421
063222035	112533
063222130	111423
063222134	112125
063222138	111421
063222204	112223
063222206	111424
063222905	111585
063222908	110365
063222908	110827
063222908	111585
063223085	111228
063223085	112122
063223085	112289
063223101	111228
063223101	112122
063223101	112124
063223101	112289
063223332	110836
063223332	111619
063223430	111117
063223435	111911
063223436	110854
063223530	110854
063223531	110854
063223532	112455
063226631	112390
063226686	110840
063226801	111865
063226845	111608
063226942	110867
063227004	112141
063227009	112536
063227014	110337
063227014	110859
063227014	111053
063227014	111056
063227014	111131
063227017	111750
063227029	110410
063227034	113346
063227035	113346
063227046	111303
063227413	110818
063227460	110441
063227468	110440
063227468	110441
063227470	110439
063227485	110442
063227486	110443

O.E. No.	HC-CARGO
MARELLI	
063227487	110442
063227488	110439
063227489	110464
063227501	110459
063227501	110461
063227501	112251
063227502	111737
063227528	111499
063227543	110459
063227553	112136
063227553	113380
063227554	110454
063227554	110465
063227554	110615
063227559	110460
063227564	111574
063227569	110462
063227592	110615
063293039	113750
063293103	113346
063293538	113701
063303733	111078
063305720	110880
0633200021	110882
063320021	110882
063320023	110890
063320025	112097
063320049	111686
063320049	112097
063320049	112719
063320060	112097
063321000	111036
063321011	110890
063321011	110912
063321011	111138
063321011	112719
063321011	112768
063321017	111645
063321017	111654
063321017	112719
063321019	111686
063321021	110882
063321021	110890
063321021	111078
063321021	111620
063321021	111686
063321023	110882
063321023	110912
063321023	111148
063321023	112719
063321041	110890
063321042	110882
063321042	110890
063321044	110882
063321044	111418
063321044	113838
063321056	110912
063321056	111620
063321060	110991
063321062	111620
063321067	111036
063321068	111148
063321080	112719
063321082	111036
063321082	113471
063321083	110754
063321083	110920
063321083	111082
063321083	112298
063321083	112728
063321086	111620
063321086	111654
063321086	111686
063321088	111668
063321096	111620
063321112	110882
063321112	110912
063321112	111620
063321112	111654
063321112	112719
063321114	111082

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
MARELLI	
063321114	112728
063321151	111148
063321152	111620
063321153	111620
063321154	110612
063321154	111035
063321154	111085
063321154	111180
063321154	113473
063321155	113473
063321156	113472
063321156	113473
063321157	113472
063321159	111032
063321165	111687
063321170	111803
063321173	111036
063321173	113471
063321191	110912
063321191	111654
063321199	110912
063321199	111654
063321231	112540
063321328	111688
063321331	111568
063321332	111568
063321346	112718
063321391	112022
063321402	111582
063321409	112719
063321600	111411
063321604	111505
063321607	111689
063321610	111412
063321615	111416
063321616	111416
063321618	111417
063321620	111802
063321625	111689
063324145	111364
063324157	110770
063324161	110770
063324161	112238
063324188	110607
063324188	111754
063324199	111289
063324199	111362
063324202	110770
063324220	110891
063324231	111368
063324233	110891
063324245	110770
063324245	111355
063324249	111362
063324256	111363
063324264	110607
063324264	111754
063324273	111739
063324274	111740
063324276	110770
063324277	111362
063324290	111738
063324294	110770
063324294	111355
063324296	110770
063324296	111364
063324308	111741
063324311	111148
063324316	111367
063324316	111743
063324318	110770
063324318	111289
063324327	111363
063324348	111176
063324374	111623
063324374	111742
063324400	112722
063324407	112722
063324409	111368
063340007	112324
063341238	111756
063341239	112202

O.E. No.	HC-CARGO
MARELLI	
063341343	112698
063341344	112698
063341345	113529
063341351	111282
063341434	112324
943201005	110608
943214376	110512
943214376	110601
943216731	110521
943216748	110814
943216818	110536
943216831	110529
943216852	111001
943216861	110529
943216876	110530
943216896	110522
943217121	113381
943217147	110814
943217148	110814
943217163	110530
943217163	111284
943217226	110517
943217407	110536
943217410	111693
943220535	110829
943220536	111119
943220538	110827
943220735	110826
943220735	111106
943220931	111423
943221003	111035
943221020	111686
943221333	111104
943221334	110340
943221430	111106
943221534	110797
943221535	110339
943221535	111058
943221670	111061
943222030	111423
943222034	111421
943222138	111421
943222204	112223
943222206	111424
943222837	110365
943223085	112122
943223430	110854
943223433	111400
943223436	110854
943223438	112309
943226294	110615
943226329	110615
943226348	110615
943226357	110615
943226359	110615
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943227502	110615
943227518	110615
943227520	110615
943227524	110615
943227570	110615
943227572	110615
943250108	110772
943251002	110997
943251008	110772
943251015	110336
943251015	111131
943251048	110364
943251050	110367
943251052	110856
943251054	110367
943251054	110866
943251056	110795
943251056	111064
943251057	110830
943251059	112541
943251061	110341
943251061	110792
943251064	110835
943251065	111066
943251066	110794

O.E. No.	HC-CARGO
MARELLI	
943251070	110821
943251072	111100
943251074	110774
943251074	110822
943251074	110835
943251080	110783
943251099	111115
943251107	110585
943251109	110587
943251110	111068
943251111	110837
943251112	111110
943251113	112295
943251114	110367
943251114	110866
943251121	110793
943251121	111116
943251122	111109
943251124	110790
943251125	110860
943251125	111063
943251127	111070
943251136	110584
943251136	110640
943251139	110847
943251139	111122
943251144	111070
943251165	110363
943251220	110771
943251223	110160
943251223	111054
943251223	111489
943251225	112167
943251226	112052
943251266	112308
943251268	112308
943251273	110823
943251275	111619
943251287	110352
943251300	113134
943251301	111107
943251302	113389
943251305	112295
943251307	111114
943251307	112541
943251323	111694
943251324	110994
943251325	111698
943251326	111748
943251327	111749
943251328	113483
943251330	112166
943251333	112321
943251334	111848
943251335	111131
943251335	111750
943251337	112290
943251340	112307
943251402	111115
943251403	110793
943251403	111066
943251405	110860
943251405	111063
943251406	110825
943251408	110869
943251408	110997
943251413	110336
943251413	110831
943251413	110870
943251415	111112
943251415	112537
943251416	111694
943251417	112321
943251418	110850
943251419	112172
943251423	110587
943251426	111489
943251427	111099
943251429	110785
943251431	113844
943251434	110865
943251434	111751

O.E. No.	HC-CARGO
MARELLI	
943251435	112131
943251436	113847
943251437	112134
943251438	110839
943251439	111123
943251439	111127
943251441	111125
943251443	110368
943251445	110530
943251445	110869
943251446	110862
943251449	113444
943251450	112820
943251452	110368
943251455	110771
943251457	110789
943251457	111111
943251458	111030
943251459	111131
943251459	111750
943251460	111030
943251465	113845
943251466	111130
943251466	113443
943251467	111129
943251485	111052
943251486	110997
943251487	113451
943251488	111130
943251489	111251
943251501	111120
943251568	110347
943251568	111000
943251571	112133
943251572	112286
943251606	111053
943251607	110784
943251607	110792
943251609	111105
943251613	110829
943251613	111055
943251613	111127
943251617	110824
943251619	110340
943251619	110865
943251623	111135
943251624	110410
943251625	110855
943251628	110864
943251632	111131
943251633	110858
943251634	111112
943251635	110779
943251637	111052
943251640	110996
943251644	111056
943251646	110339
943251646	111058
943251648	110824
943251650	110862
943251651	110838
943251655	111060
943251658	110336
943251658	111131
943251661	110789
943251663	111059
943251663	111523
943251663	111748
943251664	111065
943251664	112440
943251669	110824
943251669	111010
943251670	111061
943251671	111059
943251674	110862
943251686	110865
943251689	111131
943251691	111131
943251691	111269
943251692	110842
943251694	111347
943251695	111851

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O.E. No.	HC-CARGO
MARELLI	
943251697	110844
943251698	113845
943251699	111270
943251700	111112
943251701	111069
943251815	111750
943251833	112455
943251856	111619
943251862	110351
943252012	110512
943252039	111304
943252045	110537
943252046	110512
943252046	111218
943252064	110582
943252071	110536
943252122	110775
943252129	110512
943252132	110537
943252187	110210
943252188	110531
943252189	110534
943252190	110208
943252191	110533
943252194	110206
943252194	110210
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943252207	110527
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943252212	110205
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943252220	110535
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943252222	112118
943252223	110368
943252223	111347
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943252231	110212
943252232	110519
943252233	111047
943252235	110524
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943252237	110531
943252240	110998
943252241	110539
943252243	112119
943252244	110525
943252245	110524
943252248	113484
943252249	113468
943252252	112670
943252254	110981
943252256	111755
943252273	113465
943252274	113466
943252276	111332
943252278	111636
943252281	112249
943252282	111332
943252284	111640
943252290	111637
943252294	110210
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943300921	111180
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943303733	111078
943304120	112097
943320037	112768
943320060	112097
943321000	111036
943321007	110612
943321007	111148
943321010	110912
943321011	112719
943321013	110912
943321015	110991
943321021	111686
943321029	111654
943321042	110890
943321042	111686
943321048	112097
943321056	111620
943321059	112727
943321062	111620
943321071	110912
943321071	111138
943321080	110912
943321080	111654
943321096	111620
943321099	111686
943321105	112761
943321112	110890
943321114	111082
943321159	111032
943321165	111687
943321170	111803
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943321328	111688
943321331	111568
943321346	112718
943321347	113529
943321391	112022
943321453	111568
943321606	111689
943321607	111689
943321609	111689
943321610	111412
943321615	111416
943321617	111802
943321620	112385
943321661	111416
943324273	111739
943324277	111362
943326917	111620
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943341239	112202
943341243	112025
943341343	112698
943341345	113529
943341351	111282
943341353	112025
943341434	112324
943352256	111755
943352256	111793
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943356142	111071
943356142	111659
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943356146	111155
943356148	110744
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943356148	111144
943356148	111171
943356150	110916
943356151	110745
943356151	111651
943356158	112739
943356169	110759
943356169	111289
943356170	111086
943356174	110754
943356174	110920
943356183	110907
943356183	110917
943356183	111076
943356183	111173
943356185	111072
943356187	110888
943356188	110112
943356188	110902
943356188	111012
943356188	111528
943356188	111658
943356188	112345
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943356188	113477
943356191	111144
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943356205	112730
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943356207	111093
943356207	111149
943356209	111149
943356210	111151
943356211	111169
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943356212	111164
943356212	111669
943356212	112050
943356213	111156
943356213	111173
943356214	110993
943356215	110905
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943356220	110889
943356223	111662
943356224	110906
943356226	111629
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943356230	112742
943356231	110076
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943356232	113469
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943356234	110116
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943356245	111289
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943356246	112803
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943356279	111072
943356279	111162
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943356279	112738
943356308	110876
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943356310	112532
943356315	110178
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943356331	112451
943356333	110762
943356333	111139
943356368	110908
943356380	110350
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943356406	111076
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943356407	111170
943356408	112056
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943356444	111086
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943356445	111083
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943356446	111653
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943356450	110987
943356450	112097
943356452	110990
943356454	110179
943356454	110969
943356454	111086
943356454	111184
943356454	111289
943356465	110358
943356465	110730
943356465	110923
943356465	113866
943356470	111075
943356473	112098
943356487	110877
943356487	112310
943356498	111096
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943356502	111187
943356502	111467
943356502	111656
943356502	113376
943356505	111094
943356505	112765
943356506	111354
943356507	111354
943356509	112729
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943356514	112529
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943356517	112801
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943356521	112812
943356522	112804
943356522	112811
943356523	110887
943356525	112797

O.E.M. names and numbers are used for reference purposes only.

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943356537	110357
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943356539	112229
943356544	111667
943356546	112807
943356548	110876
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943356554	111732
943356555	110877
943356555	112558
943356557	111292
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943356561	111171
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943356573	112762
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943356620	111093
943356623	110923
943356623	113866
943356624	112774
943356625	112734
943356625	112785
943356626	112734
943356627	112774
943356628	112774
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943356660	111800
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943356662	111170
943356663	112730
943356665	111163
943356665	111171
943356668	111653
943356669	111652
943356671	110972
943356671	111168
943356671	111665
943356671	111800
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943356673	112735
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943356675	110902
943356676	110896
943356676	111287
943356677	111174
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943356678	111154
943356679	111095
943356680	111160
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943356681	112763
943356682	111287
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943356689	112746
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943356691	110921
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943356694	111289
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943356701	111656
943356703	110077
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943356703	110974
943356703	111767
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943356709	110751
943356709	111141
943356712	110729
943356712	110971
943356719	111085
943356720	110884
943356723	110881
943356727	110880
943356727	110987
943356728	111178
943356728	112271
943356728	113377
943356729	110913
943356732	110972
943356732	111168
943356732	111800
943356735	111670
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943356740	110767
943356742	110913
943356743	110884
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943356788	110913
943356789	110726

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943356799	111427
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943356805	111149
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943356809	110923
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943356812	110919
943356813	111150
943356816	112149
943356817	110902
943356817	111152
943356818	112729
943356848	111148
943356849	112076
943356850	112097
943356851	111148
943356859	111860
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943356903	110348
943356918	111620
943357256	110895
943357258	111146
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943357259	112758
943357260	111527
943357260	112757
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943357557	112784
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943357776	112097
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943357801	111987
943357803	112076
943357804	111987
MAN154	113623
MAN176	113623
MAN218	113623
MAN344	111035
MAN352	111645
MAN7416	113849
MAR7511	111515
MSN180	110615
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MSN215	110521
MSN219	110529
MSN220	110519
MSN224	110522
MSN227	110813
MSN229	110814
MSN233	110530
MSN237	110517
MSN242	110814
MSN290	110365

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MSN294	110338
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MSN504	112319
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MSN614	110530
MSN697	110536
MSR111	112390
MSR218	110536
MSR240	110536
MSR308	110797
MSR342	110367
MSR344	110367
MSR349	112225
MSR350	112225
MSR364	110585
MSR365	110587
MSR377	111070
MSR378	110584
MSR379	110847
MSR385	110160
MSR393	111066
MSR407	110587
MSR409	110160
MSR416	112131
MSR417	112131
MSR419	112134
MSR421	111055
MSR425	110368
MSR435	110585
MSR456	112225
MSR458	111131
MSR459	111051
MSR463	110410
MSR470	110368
MSR476	111056
MSR483	111060
MSR484	110867
MSR486	110839
MSR500	111131
MSR511	111069
MSR514	110351
MSR516	110368
MSR651	110520
MSR655	110794
MSR676	112133
MSR677	112286
MSR680	110512
MSR683	110536
MSR685	110512
MSR695	110524
MSR697	110536
MSR698	110523
MSR699	110525
MSR700	110527
MSR701	111638
MSR705	113464
MSR707	110536
MSR726	110525
MSR727	110524
MSR733	111755
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MSR735	113466
MSR737	111332
MSR739	112249
MSR740	111232
MSR742	111640
MSR746	111755
MSR747	112135
MASSEY FERGUSON	
1042653M92	110510
1043827M91	113511
1048570M92	110510
1447312M91	111289
1618050M14	112136
1618050M4	112136
1618050R4	112136
1618473M91	110970
1618474M91	110970
1618477M91	110970

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O.E. No.	HC-CARGO
MASSEY FERGUSON	
1618478M91	110970
1691795R92	110970
1691805R1	110819
1699872M1	110107
1699872R1	110107
1808449R2	110819
1868283M5	110819
1874681M91	110970
1875955M1	110970
1875955M91	110970
1875958M92	110970
1895271M91	110970
1897264M91	110970
2871A102T	111289
2871A105T	111289
2871A132T	111289
2871A136T	111289
3282883M91	112270
3477851R91	113574
3519406M91	111364
3536264M91	113474
3538541M91	113574
3539389M91	110439
3539390M91	110545
3552682M91	111289
3552682M92	111289
3581576M1	110615
3597371M2	110819
3597371R2	110819
3618907R1	111716
3618908M1	111940
3618908R1	111940
3637261R91	110178
3637264R91	110970
3637269R91	112136
3638512R91	111289
36388131R1	111289
3698015R91	110770
3698016M91	110770
3701910M91	112722
3701911M91	112722
3701913M91	112722
3714944M1	112722
3930504R1	111355
586-059-M92	112989
6100316M91	111368
835331592	110545
9643382M1	110819
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0222-18-400	110283
0259-18-300	110133
0324-18-300	110133
0326-18-300	110133
0327-10-300	110133
0327-18-300A	110133
0426-18-400	110148
0483-18-300	110133
0483-18-300A	110133
0559-18-300	110327
0571-18-300	110133
0578-18-400	110286
0605-18-300	110133
0605-18-300A	110133
0617-18-400	110286
0707-18-300	110133
0820-18-300	110133
0820-18-300C	110133
0888-18-400	110286
1480-18-300	110134
1F20-18-300	111199
2329-18-300	110133
2329-18-300A	110133
2677-18-300	110133
3919-18-300	110133
3936-18-300	110133
4095-18-300	110383
4130-18-300	110383
4780-18-400	111005

O.E. No.	HC-CARGO
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4828-18-300	112270
4840-18-400	111273
4892-18-300	110133
4893-18-400	110182
4894-18-300	110133
8028-18-300	110133
8088-18-400	110286
8131-18-400	110983
8173-18-300	110134
8218-18-400	110286
8222-18-400	110286
8318-18-300	110133
8341-18-300	110134
8356-18-300	110383
8492-18-300	110383
8574-18-300	110383
8599-18-400	110578
8936-18-400	110983
8964-18-400	110286
AJ03-18-300A	112961
AJ03-18-400	111374
AM15-18-400	110811
AM21-18-300	110318
B101-18-300	110327
B101-18-300B	110327
B101-18-400	110807
B101-18-400B	110807
B301-18-400	110807
B315-18-400	110808
B359-18-300	110692
B361-18-300G	110663
B366-18-300	110663
B366-18-300E	110689
B366-18-300H	110663
B3C7-18-300	111308
B3D1-18-300	111308
B601-18-300	110327
B603-18-300	110327
B610-18-300	110327
B612-18-300	110327
B612-18-300B	110327
B617-18-300	110327
B61P-18-300	111342
B61P-18-400	110808
B61R-18-400	112215
B61R-18-400A	112215
B61V-18-300	110689
B630-18-400	110808
B630-18-400A	110149
B64J-18-300A	111342
B64J-18-300B	111342
B655-18-300	110327
B658-18-400	110808
B66S-18-300	111237
B66S-18-300C	111237
B675-18-300	112297
B675-18-300A	112297
B675-18-300B	112297
B675-18-300D	112297
B676-18-400	110808
B676-18-400A	110808
B676-18-400B	110808
B6BF-18-300	111807
B6DK-18-400	110149
B6S8-18-400	110808
B6S8-18-400A	110808
BJ01-18-300	110327
BP02-18-300	110689
BP4W-18-300C	111384
BPD3-18-300	111959
BPD4-18-400	111970
BPD4-18-400A	111970
BPE8-18-300	111807
BPE9-18-300	111807
BPE9-18-300A	111807
BPE9-18-400	113138
D272-10-346A	110133
D401-18-300	112270
D429-18-300	110383
D47Z-18-300	110133
D501-18-300	112270

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D501-18-400A	110983
D502-18-400	110983
D505-18-400	110983
D505-18-400B	110983
D530-18-400	110983
E116-18-300	110327
E301-18-300	110136
E301-18-400	110149
E302-18-300	110136
E303-18-300	110136
E331-18-300	110136
E331-18-300A	110136
E356-18-300	110327
E356-18-400	110808
E356-48-400B	110808
E357-18-300	110327
E357-18-400	110808
E563-18-300	110136
E568-18-300	110136
E5A1-18-300	110136
E5D3-18-300	110327
E5D4-18-300	110327
E611-18-300	110327
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F214-18-400	110810
F214-18-400A	110810
F214-18-400B	110810
F214-18-400C	110810
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F271-18-400B	110810
F278-18-300B	113031
F285-18-300	110664
F285-18-300C	110664
F288-18-300A	113029
F288-18-300B	113029
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F290-18-300	110664
F2D4-18-400	110810
F2D4-18-400A	110810
F2E8-18-300	112100
F2F8-18-300	113029
F2F8-18-300C	113029
F2J4-18-300B	111602
F2JU-18-300A	111602
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F805-18-400	110149
F806-18-400	110149
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F850-18-400	110149
F851-18-300	112270
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F8B1-18-400A	110808
F8B7-18-300	110664
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FE05-18-300	110271
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FE50-18-400C	110149

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FE5A-18-400A	110808
FE65-18-300	110406
FE65-18-300A	110406
FE65-18-300B	110406
FE68-18-300	110406
FE79-18-300	110406
FE79-18-300B	110406
FE79-18-300E	110406
FE79-18-400	110149
FE85-18-300	110692
FEB1-18-300	110406
FEHE-18-300	111602
FEJM-18-300	113441
FESE-18-400	110182
FEV4-18-300	110406
FFSC-18-400	110182
FP13-18-400	111730
FP34-18-300	112067
FP34-18-300A	112067
FP34-18-300B	112067
FP34-18-300C	112067
FP34-18-400A	111730
FP50-18-400	113616
FS05-18-300	111317
FS05-18-400	110810
FS05-18-400A	110810
FS11-18-300	111959
FS11-18-300A	111959
FS11-18-400A	110810
FS1E-18-300B	112361
FS64-18-300	111317
G502-18-300A	112100
G601-18-400	111557
G608-18-300	113030
G615-18-300	113441
GE01-18-300	112270
H612-18-300	112270
H834-18-300	110383
HE19-18-300	110383
HE19-18-400	110286
HE20-18-400	110286
HE21-18-300	110383
HE26-18-300	110383
HE41-18-300	110134
HE45-18-300	110134
HE65-18-400	110286
HE66-18-400	110286
JE01-18-300	110406
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JE01-18-400B	111246
JE15-18-300	112100
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JE15-18-400A	111460
JE15-18-400B	111460
JE16-18-400	111246
JE26-18-400	111246
JE27-18-400B	111460
JE28-18-300	112100
JE34-18-300A	112100
JE48-18-300C	113033
JE48-18-400	111246
JF01-18-400	111460
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K801-18-300C	111315
K801-18-300D	111315
K802-18-400	113816
K805-18-400	111311
KG21-18-400	110578
KL06-18-400	111453
KL11-18-300D	111315
L327-18-400	113819
N222-18-300	110383

O.E.M. names and numbers are used for reference purposes only.

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N326-18-300	111408
N326-18-400	111348
N337-18-300	111408
N344-18-300	111408
N370-18-300	113519
N3A1-18-400	113137
PN11-18-300	110665
PN11-18-400	110714
PN16-18-300	110665
PN22-18-300	110665
PN22-18-400	110714
PN26-18-300	110665
PN40-18-300	110667
PN40-18-400	111443
PN54-18-300	110667
R201-18-300	110699
R201-18-300A	110699
R201-18-300B	110699
R201-18-300C	110699
R201-18-300D	110699
R201-18-300E	110699
R201-18-400	110389
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R201-18-400B	110389
R202-18-300	110699
R202-18-300E	110699
R206-18-300	111436
R213-18-300	110706
R213-18-300C	110706
R229-18-300	112127
R231-18-300	112127
R231-18-300B	112127
R264-18-300	110699
R269-18-300	111436
R286-18-300	110706
R286-18-300A	110706
RF01-18-300	110699
RF01-18-400	110389
RF09-18-300	110699
RF11-18-300	110969
RF30-18-300	110699
RF31-18-300	111436
RF71-18-300	111438
RF79-18-300	111337
RF85-18-300	111337
RF92-18-300	111337
RFB3-18-300	110706
RFJ5-18-300	112332
RFJ5-18-300B	112332
RFL1-18-400	110389
S210-18-400	110578
S211-18-400	110578
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S5SN-18-300A	111495
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WL02-18-400A	113702
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WL91-18-300	112352
WL91-18-400	113702
YF09-18-300	112958
Z505-18-300A	111807
Z599-18-300A	111384
Z599-18-300C	111384
ZMM1-18-400	111370
ZZL0-18-400	112030
ZZL1-18-400	111844
ZZLO-18-300	111199
ZZLO-18-400	112030
ZZM2-18-300	111200
ZZMO-18-400	113222
ZZP0-18-400	112588
ZZP1-18-400	112600
ZZP2-18-400	112597

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ZZP5-18-400	112030
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0001501750	113772
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0001502550	113772
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0011519601	110524
0011519701	110210
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0021510701	110524
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0021511501	110869
0021512601	110775
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0021516401	110775
0021516901	110368
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0021518101	110512
0021518401	110537
0021518501	110512
0021519301	110862
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0021519801	110838
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0031510001	110862
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0031510701	110368
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0031512801	111347
0031512901	111065
0031513801	110862
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0031514501	110206
0031515001	111851
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0031515701	110512
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0031516001	110512
0031516401	113855
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0031517301	110525
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0041516001	110206
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0041516301	112440
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0041518901	111851
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0071546802	112734
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Cross Reference List

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O.E.M. names and numbers are used for reference purposes only.

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M2T25481	111728

O.E. No.	HC-CARGO
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M2T30381	111310
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M2T30585	111475
M2T30586	111475
M2T30881	110310
M2T32581	113141
M2T33182	111475
M2T33183	111475
M2T33781	111310
M2T33785	111310
M2T37081	110279
M2T37281	111560
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M2T40377	110383
M2T41081	110315
M2T41171	111303
M2T41381	111310
M2T41581	111475
M2T41586	111475
M2T41881	111310
M2T41885	111310
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M2T43481	113141
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M2T43781	113141
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M2T44081	110158
M2T44681	110158
M2T44781	113038
M2T46081	111310
M2T47281	110315
M2T48081	110958
M2T48381	111251
M2T48681	111303
M2T49181	111475
M2T49189	111475
M2T49282	110279
M2T49283	111312
M2T49881	110158
M2T50171	110280
M2T50181	110280
M2T50271	112178
M2T50281	112178
M2T50285	112178
M2T50371	110933
M2T50381	110933
M2T50391	110933
M2T50981	111557
M2T51082	110478
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M2T51281	110714
M2T51282	110714
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M2T54085	111300
M2T54086	110311

O.E. No.	HC-CARGO
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M2T54372	110578
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M2T54572	111273
M2T54671	111275
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M2T54871	110717
M2T54881	110717
M2T54882	110717
M2T56071	111011
M2T56072	111011
M2T56171	110809
M2T56181	110809
M2T56182	110809
M2T56185	110809
M2T56271	110947
M2T56272	110947
M2T56471	111275
M2T56472	111275
M2T56475	111275
M2T56871	113140
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M2T57273	110809
M2T57771	111476
M2T57773	111476
M2T57871	113140
M2T58381	110415
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M2T58581	113668
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M2T58881	113668
M2T58971	112177
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M2T60072	110578
M2T60073	110578
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M2T60172	111461
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M2T60271	111275
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M2T62771	111565
M2T62971	110809
M2T63171	111565
M2T63271	113193
M2T63371	111703
M2T64271	113194
M2T64272	113194
M2T64371	113210
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M2T64373	113210
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M2T65272	111913
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M2T66074	110578
M2T66871	110576
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M2T67882	110576
M2T67883	110576
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M2T74171	111476
M2T78372	113560
M2T78381	113560

Cross Reference List

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M2T84171	113445
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M2T84771	112053
M2T87071	111912
M2T87171	113445
M2T87171ZT	113445
M2T87271	113702
M2T87271ZT	113702
M2T87471	113318
M2T87671	112103
M2T87971	111912
M2T88071	113445
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M356178D	113638
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M3T10476	110182
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M3T10672	110144
M3T10881	113039
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M3T11174	110283
M3T11272	110155
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M3T13073	110277
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M3T24486	110149
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M3T25782	110158
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M3T30583	110310
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M3T30881	110808
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M3T32592	110158
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M3T32681	110292
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M3T32985	110585
M3T32986	110585

O.E. No.	HC-CARGO
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M3T32989	110585
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M3T33583	110808
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M3T37783	111312
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M3T38682	110256
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M3T39781	110837
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M3T44081	113040
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M3T47281	110158
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M3T48382	111182
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M3T50171	111618
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M3T95071	112342
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M3T95073	112342
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M4T14771	110291
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M4T50073	113129
M4T55076	112342
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M4T95481	111000
M5T22072	113140
M5T22171	111273
M5T23172	111275
M5T23871	113140
M5T27671	111913
M6T10673	113129
M7T03774	110999
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M8T50071	112276
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M8T50072	112276
M8T50171	112275
M8T60071	113669
M8T70071	111300
M8T70371	111272
M8T70471	110947
M8T70471A	110947
M8T70971	113551
M8T71371	113319
M8T71471	113323
M8T75071	112370
M8T75071A	112370
M8T75073	112370
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M8T75171	111272
M8T75371	113319

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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M9T61171	113830
M9T80271	112227
M9T80472	113851
M9T80473	113851
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MCA02-0	110142
MCA02-2	110142
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MD001333	110158
MD001550	110157
MD001552	110157
MD001553	110321
MD001555	110158
MD003518	110140
MD003550	110157
MD003551	110157
MD006187	110140
MD006197	110140
MD007100	110140
MD007509	110140
MD009052	110140
MD009053	110140
MD009054	110140
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MD013740	110805
MD013742	110672
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MD015020	110668
MD015040	110140
MD015041	110140
MD016920	110479
MD016921	110315
MD017645	111042
MD017649	111456
MD018230	110405
MD021665	110157
MD021666	110291
MD021670	110157
MD021674	110315
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MD021685	110158
MD021866	110291
MD022515	113028
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MD022578	110318
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MD022579	110324
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MD027381	110311
MD027382	110311
MD027400	110315
MD027401	110315
MD027585	110311
MD027661	110318
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MD034121	110158
MD034130	110140
MD034131	110140
MD034132	110140
MD034212	110157
MD041700	110318
MD041701	110318
MD041705	110324
MD041706	110405
MD050190	110805
MD050205	110809
MD060793	110805
MD061150	110318

O.E. No.	HC-CARGO
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MD061154	110809
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MD069166	110809
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MD069978	110658
MD070310	110805
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MD072582	110811
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MD074992	110658
MD075795	110928
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MD086016	110805
MD086046	110405
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MD086049	110668
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MD091749	110660
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MD091846	110668
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MD102085	112531
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MD102747	111297
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MD103373	110806
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MD104644	111297
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MD106713	111313
MD107615	110315
MD108230	111469
MD108509	113032
MD108809	113032
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MD109166	111371
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MD111148	112531
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MD111151	110660
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MD111232	111372
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MD112625	111241

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MD115687	110658
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MD124234	111240
MD125096	110666
MD125569	111313
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MD127087	111243
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MD132130	110687
MD132130	111243
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MD133513	110802
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MD136933	111241
MD139839	110802
MD140189	111339
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MD140750	110804
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MD141855	110956
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MD149750	110804
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MD162836	110158
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MD162838	110958
MD162839	110811
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MD162843	111242
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MD162975	110809
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MD164978	111565
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MD168989	111314
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MD172864	111242
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MD178511	113615
MD180238	110158
MD180239	110958
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MD188242	111627
MD189054	110292
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MD190819	111376
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MD192135	111952
MD192136	111587
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MD193323	111375

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MD197475	110660
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MD301350	113038
MD301351	111971
MD304129	111872
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MD306649	111594
MD306834	112128
MD306997	113229
MD306998	113234
MD308088	111508
MD309333	110659
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MD309472	111242
MD309843	111587
MD309844	111587
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MD313940	112128
MD314167	113445
MD314235	112065
MD315547	113445
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MD317119	112362
MD317401	111375
MD317514	112549
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MD317862	112328
MD318086	110572
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MD321445	113040
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MD325696	112353
MD327513	113507
MD327514	112128
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MD327550	113832
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MD329260	112295
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MD332546	112065
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MD334176	112205
MD334546	112065
MD336781	112348
MD339609	112129
MD340419	112355
MD343416	112327
MD343562	112328
MD344182	111912
MD344183	113445
MD344963	111587
MD344964	111952
MD350608	111806
MD350609	112362
MD351508	113046
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MD354816	113566
MD356104	111971
MD356178	113638
MD357744	112418

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MD358607	112327
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MD366050	111594
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MD366052	112355
MD667539	110958
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ME001565	113140
ME012995	113195
ME017001	113194
ME017004	113194
ME017034	110576
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ME017036	110576
ME017056	110576
ME017061	110576
ME017085	110576
ME017509	111344
ME017550	111344
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ME017561	111344
ME017562	112210
ME017600	112350
ME017614	113497
ME017615	113506
ME037150	113129
ME037330	113129
ME037465	113129
ME037636	113129
ME057200	112342
ME057350	112342
ME057845	112342
ME057985	112342
ME057990	112342
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ME087507	113560
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ME152487	113746
ME200206	113193
ME200695	111626
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ME201650	112370
ME201745	111626
ME201837	111626
ME201838	111956
ME202755	111626
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ME204424	112370
ME204425	112370
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MEA01-1	110148
MEA01-2AR	110283
MEA03-0	110157
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MEA03-2	110157
MEA03-4	110157
MEA06-1	110308
MEA07-0	110144
MEA07-1	110144
MEA07-11	110144
MEA10-07	113128
MEA10-7	113128
MEA12-1	110148
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MM409414	110933
MM435081	111832
MM435752	111832
MM438844	111832
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MQJ2R	110144
MQJR	110144
MWV10R	110143
MWV11R	110143
MWV3R	110142
MWV4R	110142
MWV8R	110143
MWV9R	110143
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81368024	110524
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81382305	110536
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81460046	110205
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81466003	110208
81466005	110207
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81466036	110535
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81466062	110981
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EGL218R	111289
EGL220	110891
EGL220R	110891
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EGL232	111356
EGL232R	111356
EGL247	111364

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GL552	113744
GLE326	113553
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2541194	110178
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2541264	110358
2541423	111419
2940060	111528
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2940275	111071
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2940349	111800
2940353	111656
2940356	111075
2940793	111141
432984QO	110107
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510-105	110178
510-122	110968
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510-146	110975
510-148	110769
510-163	110968
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510-201	111150
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510-289	110043
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510-316	110107
510-320	110107
510-347	110112
510-348	110112
510-368	110107
510-372	110113
510-38	110970
510-384	110105
510-388	110163
510-39	110970
510-397	110116
510-404	110877
510-427	110117
510-445	110076
510-453	110877
510-456	110107
510-492	110107
510-501	110107
510-54	110968
510-56	110970
510-59	110969
510-801	112111
510-803	110127
510-804	110052
510-810	112112
510-811	112112
510-812	112112
510-813	112112
510-816	110127
510-817	110052
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510-819	110127
510-820	112111
510-821	112110
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510-823	112112

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510-845	111510
510-847	110916
510-859	112112
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510-864	111510
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8AL2073F	111408
8AR65N12	110371
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8EA2004F	110408
8EA2011N	110408
8EA2016F	110408
8EB2002F	110408
8EB2003F	110408
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8EK2003FD	110487
8EK2004DE	110487
8EK2005ND	110488
8EK2006FC	110487
8EK2007NC	110488
8EK2008FC	110487
8EK2011FA	110487
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8EK2012NB	110488
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8MR2070TA	111576
8RA2050F	110408
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8SC3005Y	110176
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9AL2708G	111653
9AL2834	110735
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9AL3955G	112097
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9AR2515K	110975
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9AR2517K	111083
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9AR2547	110970
9AR2547F	110970
9AR2548K	110970
9AR2549F	110970
9AR2553	111948
9AR2561K	111289
9AR2562K	110969
9AR2562K	111086

O.E.M. names and numbers are used for reference purposes only.

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9AR2603G	111086
9AR2605L	111652
9AR2606K	110357
9AR2611F	110759
9AR2612G	110178
9AR2613F	110759
9AR2619G	110925
9AR2620	111289
9AR2621L	110987
9AR2622L	111652
9AR2627	111289
9AR2629	111289
9AR2630K	111362
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9AR2638P	110987
9AR2650	111289
9AR2650D	110968
9AR2651D	110969
9AR2652F	111289
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9AR2673K	111651
9AR2676K	111072
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9AR2690P	110769
9AR2695K	110915
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9AR2701	111289
9AR2703	111289
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9AR2708G	111653
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9AR2712P	110127
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9AR2723P	112112
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9AR2727G	111653
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9AR2742P	112111
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9AR2745P	112112
9AR2746P	112112
9AR2747P	112112
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9AR3743G	112110
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9AR3806G	110163
9AR3855G	111510
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9AR3921G	110112
9AR3927G	110113
9AR3947G	112110
9AR3952	112097
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9AR5019	110179
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9AR5037L	110877
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9AR5044K	111083
9AR5044L	111083
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9AR6012G	110117
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9FE2NB2A	111652
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8AR2026F	110408
8AR2033F	110408

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8EA2026FA	110408
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8EK2004DA	110487
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8EM2013N	110371
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8HA2006F	110164
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8HC3022FS	113549
8HC3025F	113549
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8SA3006P	110173
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8SA3065P	110173
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8SC3003U	110175
8SC3005V	110176
8SC3009Z	110176
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8SC3011U	110175
8SC3014U	110175

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8SC4006U	110408
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9FE2KB2A12	110357
9FE2NC2A	111652
9FE2NF2A37	111652
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A12NTK451	110408
A12NTK452	110408
RA12N451	110408
RA12N453	110408
MWM	
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605720100105	111332
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NEW HOLLAND	
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A1-104	112378
NIKKO	
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0-33000-2280	110800
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0-33000-2290	110800
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23099-09W10	110694
23099-34W01	110694

O.E.M. names and numbers are used for reference purposes only.

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23099-C6805	110567
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23099-R8110	110702
23099-R8111	110567
23099-R8700	110694
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Cross Reference List

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23100-H7710	110168
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23100-R9000	110256
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23100-S6901	110129
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23100-VC10A	113787
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23300-1S711	112368
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23300-20P05	111452
23300-20R10	111465
23300-20R11	111465
23300-21000	110144
23300-21005	110144
23300-21006	110144
23300-21007	110144
23300-21008	110144
23300-21009	110144
23300-21010	110144
23300-21015	110144
23300-21016	110144
23300-21017	110144
23300-22P00	111450
23300-2Y900	111382
23300-30F10	111562
23300-30F11	111562
23300-30P14	111488
23300-30P15	113041
23300-30P16	113041
23300-30P17	113041
23300-30R01	111488
23300-30R02	111488

O.E. No.	HC-CARGO
NISSAN	
23300-30R12	111488
23300-30R13	111488
23300-30S30	113644
23300-30S60	113644
23300-31U00	111382
23300-31U01	111382
23300-31U02	111382
23300-31W00	110386
23300-31W01	110386
23300-31W02	110386
23300-31W03	110386
23300-31W04	110386
23300-37A00	112984
23300-37A01	112984
23300-37A10	112984
23300-37J00	111731
23300-37J05	111731
23300-3M000	111506
23300-3M010	111506
23300-40500	110277
23300-40501	110277
23300-40510	110277
23300-40511	110277
23300-40512	110277
23300-40513	110277
23300-40700	110277
23300-40710	110277
23300-41B70	113644
23300-41B71	113644
23300-44R10	111465
23300-44R11	111465
23300-47500	110280
23300-47501	110280
23300-47502	110280
23300-47510	110280
23300-47511	110280
23300-47601	110156
23300-48301	110156
23300-4E100	112844
23300-4E210	111608
23300-50Y00	111459
23300-50Y01	111459
23300-50Y02	111303
23300-50Y10	111459
23300-50Y11	111459
23300-50Y12	111303
23300-50Y14	111303
23300-51E10	111465
23300-51E11	111465
23300-52F00	111549
23300-52F05	111549
23300-52F10	111549
23300-52H00	111731
23300-53F11	111488
23300-53J00	111473
23300-53J11	111608
23300-53J12	111608
23300-53Y00	111303
23300-53Y01	111303
23300-54A00	110575
23300-54A01	110575
23300-54A05	110575
23300-54C00	111473
23300-54T00	112365
23300-57J00	111506
23300-57J05	111506
23300-57J11	111506
23300-57J13	111506
23300-60S10	111452
23300-60U10	112580
23300-60U11	112580
23300-60U12	112580
23300-62C10	111312
23300-63J00	111473
23300-63J01	111473
23300-63J02	111473
23300-63J10	111608
23300-63J11	111608
23300-65F05	111549
23300-65F10	111549
23300-65Y00	111459

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
NISSAN	
23300-65Y01	111459
23300-65Y10	111303
23300-6K200	110574
23300-6T000	110574
23300-6T001	110574
23300-70J00	111303
23300-70J01	111303
23300-70J02	111303
23300-70J03	111303
23300-70J10	111608
23300-70J11	111608
23300-70J12	111608
23300-70Y00	111312
23300-70Y01	111312
23300-70Y10	111312
23300-72F10	111488
23300-73C10	111312
23300-73Y00	111303
23300-73Y01	111303
23300-74Y00	111312
23300-74Y10	111312
23300-78503	110144
23300-78504	110144
23300-78505	110144
23300-79E10	111473
23300-80100	110144
23300-80200	110279
23300-80G00	110574
23300-80G10	111485
23300-80W00	110277
23300-81N00	111459
23300-81N01	111459
23300-81N10	111459
23300-81N11	111459
23300-81W00	110308
23300-8310	111728
23300-83W00	110719
23300-84A07	111459
23300-84A11	111312
23300-84A17	111459
23300-84A18	111459
23300-85E00	111023
23300-85E01	111023
23300-86G10	111485
23300-86G11	111485
23300-86G12	111485
23300-87709	110298
23300-88G00	111763
23300-88G01	111763
23300-90060	110616
23300-90067	112365
23300-90069	112365
23300-94850	110279
23300-97E00	113614
23300-97E01	113614
23300-99B00	110279
23300-99B05	111818
23300-99B06	111818
23300-99B10	113644
23300-99B15	111821
23300-99B16	111821
23300-9F600	113267
23300-9F660	113267
23300-9F662	113267
23300-A3200	110155
23300-AA40A	111552
23300-B03G0	110279
23300-B0700	110156
23300-B5000	110332
23300-B5001	110332
23300-B5002	110332
23300-B5010	110332
23300-B5011	110332
23300-C0600	110617
23300-C6800	110467
23300-C6801	110467
23300-C8601	111558
23300-C8703	110467
23300-D0100	110278
23300-D0110	110278
23300-D0111	110278
23300-D0200	110278
23300-D0210	110278
23300-D0211	110278
23300-D0212	110278
23300-D0213	110278
23300-D0214	110278
23300-D0300	111444
23300-D0301	111444
23300-D0310	110480
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23300-D0512	111472
23300-D0513	111472
23300-D0514	111472
23300-D1700	110278
23300-E3000	110277
23300-E3001	110277
23300-E3010	110277
23300-E3011	110277
23300-E3100	110277
23300-E3101	110277
23300-F6610	113817
23300-G2403	111805
23300-G2404	111805
23300-G2405	111805
23300-G2406	111805
23300-G8400	112985
23300-G8401	112985
23300-H0100	110142
23300-H0101	110142
23300-H3900	110142
23300-H5000	110142
23300-H5001	110142
23300-H5002	110142
23300-H5003	110142
23300-H5004	110142
23300-H5010	110142
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23300-H7301	110142
23300-H9101	110280
23300-H9112	110280
23300-K9160	111108
23300-KA470	111560
23300-KA471	111560
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23300-L2911	110256
23300-L2912	110256
23300-L6000	110616
23300-L6600	110616
23300-L6810	110420
23300-M0100	110143
23300-M0101	110143
23300-M0110	110143
23300-M0111	110143
23300-M0112	110143
23300-M0113	110143
23300-M1500	110143
23300-M1501	110143
23300-M1502	110143
23300-M1503	110143
23300-M1510	110143
23300-M1511	110143
23300-M4900	110143
23300-M8000	110279
23300-M8001	110279
23300-M8010	110279
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23300-M8110	111728
23300-M8111	111728
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23300-M8201	110279
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23300-M8211	110279
23300-M8212	110279
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23300-M8301	111441
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23300-N3302	110308
23300-N3303	110308
23300-N3304	110308
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23300-N5901	110280
23300-N5902	110280
23300-N5903	110280
23300-N5910	110280
23300-N5911	110280
23300-O4000	110256
23300-P0613	110256
23300-P0614	110256
23300-P1114	110256
23300-P5110	110155
23300-P5111	110155
23300-P5112	110256
23300-P5113	110256
23300-P5114	111452
23300-R2000	110280
23300-R2002	110280
23300-R2010	110280
23300-R8300	111618
23300-R9000	110256
23300-S0500	110144
23300-S0510	110144
23300-T3400	111618
23300-T3401	111618
23300-T3402	111618
23300-T5070	110256
23300-T7200	111618
23300-T7201	111618
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23300-T9005	113210
23300-T9007	113210
23300-T9009	113210
23300-T9010	113210
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23300-U0111	110144
23300-U0112	110144
23300-U0113	110144
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23300-U6001	110308
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23300-U6006	110308
23300-U6007	110308
23300-U7500	110280
23300-U7501	110280
23300-U7502	110280
23300-U7510	110280
23300-U7511	110280
23300-V0606	110386
23300-V0607	110386
23300-V0711	110717
23300-V4361	111010
23300-V4362	111010
23300-V5302	111450
23300-V7200	111445
23300-V7260	111445
23300-V8200	110279
23300-VB300	111445
23300-VB3C0	111445
23300-W0400	110277
23300-W0401	110277
23300-W0402	110277
23300-W0403	110277
23300-W0410	110277
23300-W0411	110277
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23300-W1000	110309
23300-W1001	110309
23300-W1002	110309
23300-W1010	110309
23300-W1011	110309
23300-W1701	110478
23300-W1702	110478
23300-W1711	110478
23300-W1712	110478
23300-W1800	110717
23300-W1810	110717
23300-W1811	110717
23300-W2500	110478
23300-W2801	110478
23300-W2802	110478
23300-W2803	111448
23300-W2804	111448
23300-W3410	111448
23300-W7001	110280
23300-W9810	111108
23300-Y0102	110308
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23300-Y0501	110277
23300-Y0510	110277
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23300-Y0512	110277
23300-Y0513	110277
23300-Y0700	110277
23300-Y0701	110277
23300-Y0702	110308
23300-Y0710	110277
23300-Y0711	110277
23300-Y0712	110277
23300-Y0713	110277
23300-Y0714	110277
23300-Y0715	110277
23300-Z5000	110616
23300-Z5005	110616
23300-Z5505	110616
23300-Z5507	110616
33100-51H00	113418
34466-03200	111275
34466-15202	111275
34466-20102	111913
34466-20201	111275
34468-18200	112270
34468-28200	112270
34766-10903	112323
34766-20900	112323
52810-31000	113317
OMC	
277432	111043
278024	111043
278232	111043
378674	111043
379091	111043
379818	111043
380139	111043
380238	111043
380239	111043
380361	111863
381864	111043
382138	111863
382220	111863
383575	110646
383691	110240
384163	110647
384194	110646
384914	110646
385401	111043
385529	110644
386430	113524
386465	110644
386591	111043
386597	111043
386657	110240
386671	110240
387094	110645
387277	111864

Cross Reference List

O.E. No.	HC-CARGO
OMC	
387684	110647
389275	110647
389380	110644
389954	110644
391264	111864
391511	112145
391554	110644
391735	110240
392133	111043
393259	111864
393570	112154
393988	110644
394176	111864
395207	110645
396235	112145
396313	111864
397023	112145
432925	112157
438878	112157
582048	110644
582155	110644
583473	112156
583482	110647
584613	113525
584799	112145
584818	113590
585050	110240
585051	110644
585056	110647
585057	110644
585058	110240
585059	112156
585060	112154
585061	111043
585062	110645
585063	110647
585196	110644
585197	110240
586257	112157
586274	113525
586276	113524
586277	113590
586278	111043
586279	110647
586280	110647
586281	110240
586283	110644
586285	112154
586286	112157
586287	112157
586288	110645
586289	112145
586411	112145
711D1130C	110645
921288	112232
980820	112232
981289	112233
982058	112562
982202	112233
982706	112562
983019	111864
984456	110216
985237	111864
ONAN	
119-2211	112267
185-2166	110552
191-0543	110408
191-0665	110408
191-0687	110638
191-0933	112567
191-1052	113128
191-1394	111011
191-1529	113015
191-1567	113015
191-1630	112832
191-1667	112832
191-1682-03	113128
191-1682-04	113141
191-1798	113476

O.E. No.	HC-CARGO
ONAN	
191-1804-04	113141
191-1808-03	113128
191-1808-04	113141
191-1808-06	113141
191-1828	113016
191-1888	111011
191-1925	110408
191-1926	110173
191-1949-03	113128
191-1949-04	113141
191-1949-06	113141
191-1949-07	113141
191-1949-08	113141
191-1959	111011
191-2132	112832
191-2158	112832
191-2212	113429
191-2312	113476
191-2346	112267
191-2347	113429
OPEL	
10464476	113777
10480423	112409
1200172	111123
1202000	110847
1202001	111055
1202002	111055
1202004	110792
1202005	110847
1202007	110364
1202008	110341
1202009	111136
1202010	110847
1202011	111127
1202015	111274
1202016	110839
1202017	111559
1202019	111055
1202020	111055
1202021	110341
1202024	112459
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1202034	110341
1202035	110341
1202037	110364
1202045	110839
1202047	110364
1202048	110844
1202049	110341
1202100	110341
1202101	110341
1202102	110364
1202103	110364
1202108	110792
1202109	111055
1202110	111055
1202113	111056
1202126	111055
1202127	111123
1202128	111123
1202129	111055
1202130	110847
1202131	111127
1202134	110364
1202135	112225
1202136	111136
1202137	111123
1202138	111698
1202140	111848
1202141	112533
1202142	111123
1202143	110839
1202144	111698
1202145	111848
1202146	110589
1202147	111559

O.E. No.	HC-CARGO
OPEL	
1202148	113674
1202152	111559
1202154	112083
1202156	110839
1202157	111690
1202159	111848
1202161	111534
1202163	111559
1202166	112821
1202168	112533
1202169	112459
1202172	111123
1202173	111123
1202174	111123
1202179	112431
1202184	111559
1202950	110364
1202951	110341
1202953	111055
1202954	111056
1202956	110839
1202957	110341
1202958	110847
1202959	111127
1202962	111055
1204002	110914
1204003	110914
1204004	111168
1204005	111168
1204006	111656
1204007	113376
1204008	110972
1204009	110972
1204010	110972
1204011	110972
1204012	110914
1204013	111168
1204014	111656
1204017	110974
1204018	110925
1204020	110972
1204021	110972
1204030	111151
1204033	112056
1204035	111164
1204036	111164
1204037	111164
1204039	112056
1204041	111166
1204042	111166
1204043	111800
1204044	111800
1204052	111151
1204054	112720
1204056	111164
1204058	111170
1204059	111170
1204062	111187
1204064	112056
1204067	112056
1204069	111656
1204070	111169
1204072	111166
1204076	111665
1204081	111178
1204084	111235
1204086	111166
1204087	111169
1204088	111166
1204090	112056
1204091	112056
1204092	111170
1204100	111166
1204105	111169
1204108	112229
1204109	111166
1204111	110974
1204112	110925
1204120	110925
1204121	112229
1204122	111178

O.E. No.	HC-CARGO
OPEL	
1204123	111990
1204128	112775
1204129	111891
1204130	111166
1204131	112056
1204132	111187
1204133	111467
1204134	113879
1204136	111824
1204137	112077
1204138	111467
1204144	111186
1204150	111656
1204151	111656
1204154	111656
1204155	112409
1204157	112272
1204158	112271
1204161	110974
1204163	110974
1204165	110925
1204166	110974
1204167	110974
1204168	110925
1204169	110974
1204170	111767
1204173	110974
1204174	111656
1204191	111656
1204192	111656
1204197	110972
1204198	110972
1204203	111166
1204208	111170
1204209	112056
1204213	111170
1204216	112056
1204217	112805
1204219	112775
1204222	111168
1204310	110925
1204311	110974
1204312	110974
1204313	111656
1204314	111656
1204315	110914
1204316	111168
1204317	110972
1204318	110972
1204319	110972
1204320	110972
1204321	111168
1204326	112056
1204327	111800
1204328	111166
1204330	111164
1204331	111166
1204332	111178
1204333	111800
1204334	111665
1204335	111168
1204336	111656
1204337	111656
1204339	112056
1204340	111800
1204341	111166
1204344	111166
1204345	112056
1204349	112056
1209002	111055
13117278	113720
13117279	113722
1776346	111800
24430295	113352
24436877	113276
24439410	111426
24451624	112468
24463063	111990
24463064	113879
3493771	112056
3493823	111426

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O.E. No.	HC-CARGO
OPEL	
3493824	111426
4402600	112473
4403540	112471
4404174	112473
4414332	112474
4414402	112474
4500044	111937
4500045	112057
4506175	112475
55351608	113276
55353257	113843
55556130	113276
6202000	112320
6202009	113674
6202014	113674
6202017	112533
6202048	111724
6202060	113674
6202061	113276
6202064	113276
6202071	113843
6202079	113276
6202083	113843
6204000	111426
6204002	111426
6204003	112229
6204004	112558
6204005	112558
6204006	111514
6204007	111514
6204008	112229
6204009	111514
6204010	111514
6204012	112723
6204013	111186
6204014	111788
6204016	111897
6204023	111997
6204024	111986
6204025	111998
6204034	111514
6204042	111515
6204043	111831
6204045	111767
6204046	111515
6204057	111291
6204060	111788
6204063	111732
6204066	112723
6204071	111824
6204074	112720
6204075	111824
6204076	111990
6204077	113879
6204079	111514
6204084	112417
6204088	112689
6204097	112409
6204098	112416
6204099	113352
6204105	112415
6204106	111515
6204109	111426
6204141	111514
6204145	111732
6204180	113720
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O.E.M. names and numbers are used for reference purposes only.

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O.E. No.	HC-CARGO

O.E. No.	HC-CARGO

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O.E.M. names and numbers are used for reference purposes only.

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120-110	110824

Cross Reference List

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O.E.M. names and numbers are used for reference purposes only.

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140-532A	110221
140-536	110221
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140-537A	112898
140-542	111034
140-543	112912
140-556	111041
140-558	112909
140-560	111786
140-562	111034
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140-589	112902
140-590	112907

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140-6008	112906
140-6010	112902
140-6010C	112902
140-6017	112901
140-6020	112902
140-6022	111786
140-6023	112905
140-6023A	112905
140-6028	112898
140-6034	112906
140-6039	112899
140-6040	112898
140-6047	111123
140-6048	111848
140-6051	112546
140-6065	113811
140-6068	113679
140-6070	111698
140-700	112007
140-700A	112007
140-702	110216
140-714	111260
140-714D	111260
140-720D	111049
140-724	111190
140-724A	111190
140-728	110588
140-729	111190
140-730	110468
140-730A	110468
140-731	110468
140-731A	110468
140-734	111190
140-737	111190
140-740	110506
140-740A	110506
140-741	110491
140-741A	110491
140-744	110506
140-744A	110469
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140-745A	110469
140-761	111259
140-761A	111259
140-762	111259
140-771D	112897
140-773	110469
140-774A	110469
140-801	112341
140-802	110604
140-802A	110604
140-803	110220
140-804	110220
140-812	112267
140-815A	112268
140-822	111286
140-828	111041
140-828D	111041
140-828E	111041
140-828G	111041
140-831	112267
140-833	110953
140-833A	110953
140-834	110334
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140-853J	110590
140-854	112268
140-854A	112268
140-860	110590
140-860A	110590
140-881	111760
140-884	112269
140-891	111222
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140-902	112269
140-903	112652
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140-923	112341
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140-927	110604
140-932	112267
140-933	110590
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140-9873	111000
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141-269	112243
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141-312	112255
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141-312D	112255
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141-313A	112255
141-313C	112255
141-313D	112255
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141-330B	112243
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141-351B	111224

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142-262F	110999
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150-124	110227
150-131	110226
150-132	110224
150-142	110229
150-148	110230
150-149	110228
150-151	110230
150-153	110225
150-168	110225
150-175	112963
150-180	112964
150-184	112963
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150-198	112966
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150-333	112607
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150-337	112340
150-338	112608
150-339	112605
150-345	112609
150-351	113703
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160-168	110647
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160-3321B	112130
160-337	112249
160-377	112249
160-524A	111043
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160-541	110648
160-542	110652
160-550	110652
160-551	110649
160-556	112130
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160-809	112317
160-809A	112317
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166733	110478
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170-251	112253
170-270	111221
17929	113775
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180-111	111102
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180-112A	110336
180-118	110336
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180-352B	110818
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180-359A	112136
180-360	110439
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180-362	110818
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180-366	110438
180-375	113670
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180-387	111574
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180-389A	110442
180-389D	110442
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182-105	110521
182-106	110529
182-107	110439
182-108	113454
182-110	110585
182-118	110518
182-120	112555
182-121	110565
182-124	112651

O.E.M. names and numbers are used for reference purposes only.

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182-140	110813
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182-146	111001
182-148	110522
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182-154	110529
182-158	110524
182-160	110529
182-162	110525
182-166	111053
182-170	110814
182-176	110819
182-178	110530
182-184	110615
182-186	112249
182-188	110536
182-192	112041
182-194	111755
182-202	110813
182-206	110462
182-208	112074
182-212	110818
182-221	110558
182-224	111332
182-234	112135
182-236	110527
182-240	111755
182-245	111909
182-246	112135
182-248	112136
182-256A	110537
182-260B	110523
182-272	112119
182-278	110206
182-298	112116
185-113	111393
185-197	111050
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185-202	110556
185-204	110656
185-207	110556
185-208	110556
185-209	110656
185-209A	110656
185-210	110560
185-210A	110560
185-211	110580
185-212	110568
185-216	111212
185-216A	111212
185-219	111019
185-221	110558
185-224	110557
185-232	110556
185-235	111212
185-253	110412
185-260	111254
185-260A	111254
186-108	112503
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190-005A	110252
190-007	110396
190-009	110253
190-009A	110253
190-011	110421
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190-104A	110145
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190-112	110323
190-113	110421
190-114	110154
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190-114B	110152
190-114D	110154
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190-117	110421
190-117A	110421
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190-128	110317
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190-142	111196
190-143	110709
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190-149	110411
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190-159	110708
190-162	110261
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190-165	110253
190-166	110404
190-168	111555
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190-186	110711
190-187	110298
190-189	113597
190-191A	110713
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190-199	110473
190-201	113725
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190-212	110389
190-214	111785
190-216	111387
190-218	111387
190-220	111551
190-221	110713
190-224	110713
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190-226	111551
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190-228	110399
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190-229B	111544
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190-229D	111544
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190-230A	110396
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190-231	111446
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190-234C	113108
190-235	110411
190-235A	110411

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190-265A	111679
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190-268	112033
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190-278A	110296
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190-374B	110720

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190-393D	112367
190-400	111581
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190-405	113665
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190-407	111550
190-410	111839
190-415	111839
190-422	110485
190-425	111197
190-429	111622
190-432	110447
190-437	111021
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190-468	113630
190-470	113704
190-475	113810
190-490	113681
190-493	111915
190-500	111683
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190-508	111087
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190-521	111028
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190-528	110486
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190-533	111928
190-538	111765
190-541	112546
190-544	113663
190-545	111918
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190-556	110246
190-558	110446
190-560	111021
190-560A	111021
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190-568	110962
190-569	110485
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190-574	113696
190-575	110246
190-578	110940
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190-582	110485
190-583	111021
190-586	110356
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190-6129	113825
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190-6140	113809
190-753	113892
190-757	111197
190-774	113132

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190-801J	113725
190-804	110961
190-810	113428
190-813	110507
190-813E	112502
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190-818	110941
190-820	110580
190-830	110942
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190-832	110490
190-834	112036
190-835	111022
190-840	113214
190-840A	113214
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190-846	111224
190-850	111224
190-854	111224
190-878	110999
190-878A	110999
190-885	111000
190-895	110490
190-899	110474
190-9011	111224
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190801J	113725
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191-012	112011
191-013	112010
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191-135	111543
191-138	113508
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O.E.M. names and numbers are used for reference purposes only.

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208-129	112755
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208-177	111720
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208-186	112002
208-187	111078
208-191A	110920
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208-193	111162
208-193A	112738
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208-380	113600
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208-387	111940
208-388	111716
208-391	111948
208-392	111940
208-394	111226
208-396	112183
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208-455A	111075
208-468	110768
208-469B	110744
208-469C	110744
208-471	110915
208-471A	110915
208-474	111163
208-474A	111072
208-474B	111072
208-474C	111072
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208-486	112756
208-487	112751
208-488	112752
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208-505	112782
208-512	112715
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208-598	111946
208-599	112683
208-601	110729
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208-615	110915
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208-690	112749
208-700	110048
208-701	111397
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210-116	110408
210-124	110408
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210-148	110408

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210-211	110357
210-211B	111652
210-211C	111652
210-212	110975
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210-215	110913
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210-262	110175
210-264	110175
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210-316	110937
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210-372	110937
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210-417A	110371

Cross Reference List

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O.E.M. names and numbers are used for reference purposes only.

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240-5036A	112639
240-5037A	110500
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240-514962	110984
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240-5153	112644
240-5155	110503
240-5158	110503
240-5159	110503
240-5160	112633
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240-5185	112662
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240-5230	112642
240-5231	112642
240-5233	112645
240-5234	110499
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240-5395	112895
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240-5458	112882
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240-5472	112886
240-5475	112885

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240-5492	112875
240-5497	113502
240-5499	112892
240-5500	112664
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240-5510	110984
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240-5514	112855
240-5518	110503
240-5520	112858
240-5522	110724
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240-6159	112611
240-6160	111392
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240-6166	111223
240-6168	112613
240-6170	112616
240-6172	111223
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240-6179	112665
240-6185B	112618
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240-6400A	112851
240-6405	112871

Cross Reference List

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240-730	112263
240-732	112263
240-785	110591
240-798	112265
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240-801A	112303
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240-809	110937
240-811	110937
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240-815	110591
240-816	110591
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280-332	111366
280-333	110770
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280-337	111355
280-342	113683
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282-102	110612
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282-108	110766
282-129	111086
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282-143	111833
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282-154	110890
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282-160	111841
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282-170	112097
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282-177	112098
282-186	111528

O.E.M. names and numbers are used for reference purposes only.

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285-108	110562
285-109	110562
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285-142	110800
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290-093	110258
290-101	110138
290-102	111796
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290-104	110248
290-107A	110162
290-108	110138
290-108A	110137
290-110	110137
290-111	110407
290-112	110138
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290-114	110139
290-115	110139
290-126	110274
290-127	113806
290-128	110137
290-130	110138
290-133	110140
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290-140B	110258
290-140D	110258
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290-152	110489
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290-162	110684
290-168	110685
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290-175	113856
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290-5119	113606
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290-5201	113804
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293-14	111710
293-18	110959
293-18A	111710
340-07	110505
340-111	110505
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340-33	110505
340-38	110505
340-41B	113598
340-43	110505
340-47	111388

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340-73	110505
340-85	110505
340-94	110505
340-99	110505
380-10	110484
380-11	110483
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380-13	110482
380-15	110484
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900-003	110212
900-004	110213
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900-023	111217
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900-091	111219
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900-149	111637
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900-170	110830
900-183	110794
900-184	110837
900-191	110771
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900-295	110520
900-312	110524
900-316	110527
900-322	110527
900-337	110771
900-355	110774
900-356	110774
900-358	110774
900-382	111637
900-388	110826
900-393	110826
900-424	110953
900-428	111637
900-447	112074
900-523	110789
900-524	110789
900-599	111099
900-605	110512
900-612	110537
900-615	110512
900-633	110856
900-634	110856
900-644	111212
900-645	111212
900-683	110386
900-719	110308
900-720	110144
900-748	110145
900-800	110465
900-802	110465
900-810	110818
900-830	110439
900-836	110460
900-837	111573
900-842	110565
900-843	110615
900-848	110460
900-853	110461
900-854	110461
900-869	110459
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900-942	111475
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900-978	110286
900-985	110286

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901-047	110365
901-048	110827
901-049	110826
901-053	110352
901-054	110352
901-055	110352
901-070	110352
901-077	110521
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901-079	110529
901-086	110813
901-087	110814
901-088	110517
901-096	110814
901-097	110812
901-100	110517
901-102	110521
901-103	110521
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901-118	112289
901-125	110312
901-188	110708
901-190	110708
901-191	110708
901-196	111447
901-213	110421
901-220	110153
901-222	110153
901-236	110154
901-282	110145
901-286	110297
901-289	110297
901-290	110297
901-292	110322
901-294	110474
901-295	110322
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901-319	111561
901-324	111022
901-349	110794
901-355	110860
901-357	110794
901-360	110822
901-366	110797
901-390	110367
901-392	110795
901-405	111135
901-470	110835
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901-513	111208
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901-608	110316
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901-627	110817
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901-641	110461
901-642	110461
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901-657	110459
901-682	110826
901-683	110826
901-685	110518
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901-693	110812
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901-697	110312
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901-964	111179
901-967	112749
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901-992	111162
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902-022	111072
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902-185	111428
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902-206	111144
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902-372	110998
902-373	110565
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902-441	110592
902-457	110205
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902-823	112089
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904-115	110253
904-118	110154
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904-124	110152
904-125	110152
904-130	110294
904-137	110146
904-139	110146
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904-149	110783
904-150	111101
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904-194	111113
904-240	111465
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904-246	111465
904-247	111465
904-276	110521
904-278	110522
904-294	110640
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904-377	110154
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904-484	111613
904-486	110061
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904-831	112260
904-832	112260
904-862	110371
904-863	111065
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904-989	112649
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905-056	110612
905-057	112719
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905-060	111035
905-061	111036
905-062	111078
905-064	111035
905-066	111035
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905-082	111654
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905-682	110408
905-709	110408
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905-720	110488
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908-102	111171
910-108	110218
910-144	110218

O.E.M. names and numbers are used for reference purposes only.

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910-422	112270
910-423	110264
910-424	110264
910-433	112270
910-434	110168
910-435	110168
910-436	110168
910-437	110168
910-438	110168
910-440	110928
910-442	110383
910-443	110271
910-444	110642
910-552	110665
910-554	111339
910-574	110327
910-575	111042
910-580	111653
910-581	111653
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910-651	112730
910-672	111428
910-695	110179
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910-702	111035
910-704	111176
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910-715	111362
910-716	111359
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910-725C	110745
910-727	110745
910-728	110745
910-733	110754
910-749	110897
910-768	110913
910-773	110887
910-777	111072
910-778	112728
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910-780	111082
910-790	110800
910-795	110562
910-820	111565
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910-839	110478
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910-945	110075
910-951	110075
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910-992	110075
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911-010	110075
911-020	110724
911-117	110745
911-126	111082
911-127	110882
911-133	112270
911-137	111371
911-138	111314
911-140	110307
911-141	110168
911-151	111433
911-156	111071
911-158	111397
911-182	111539

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911-358	110696
911-437	110445
911-440	111281
911-449	111435
911-601	112260
911-614	110801
911-621	110408
911-624	110408
911-632	110408
911-634	110408
911-641	110408
911-694	110205
911-723	112775
911-732	111539
911-759	112788
911-770	110145
911-771	110247
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911-777C	111618
911-781	110152
911-794	110247
911-796	111189
911-823	111050
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920-037	110822
920-088	111100
920-089	110829
920-098	110212
920-101	112159
920-200	110856
920-205	110585
920-206	110793
920-207	110410
920-208	110585
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940-531	112165
940-532	111426
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960-667	112317
960-670	112317
960-678	112317
960-684	112317
960-747	110646
980-005	110461
980-006	110525
980-007	110814
9801-363	113804
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983-004	110551
990-027	111449
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3084981	113528
3585393	113527
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02121-8026	112506
02121-8027	112506
02121-8070	112506
02121-8071	112506
02121-8072	112506
02121-8073	112506
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02131-9070	113213
02131-9110	113328
02131-9111	113328
02131-9112	113328

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03101-3031	111683
03101-3050	110389
03101-3051	110389
03101-3170	113329
03111-4040	111065
03111-4140	113327
03111-5020	112344
03111-5021	112344
03112-7021	112502
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110663	110663
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20100527	111361
20100530	111363
20100547	112297
20100603	110612
20100789	111337
20100790	110664
20100940	110607
20110134	110881
20110151	110689
20110154	111186
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20110194	111294
20110221	111756
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20110305	111888
20110341	110701
20110372	112806
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20110387	111820
20110410	112860
20110413	111237
20110438	112058
20110501	112351
2011061	111623
20130102	112206
20130116	112718
20130131	110542
20130133	110641
20130136	111843
20130137	112046
20130140	111238
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20130142	110178
20130146	111747
20130157	111826
20130160	112334
20130161	112207

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20130166	111787
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20130168	111345
20130169	111956
20130171	111871
20130174	112327
20130175	112359
20130177	112270
20130178	110540
20130179	111710
20130181	112087
20130184	112332
20130190	111314
20130191	111626
20130192	110179
20130217	112789
20140101	112068
20140107	112069
20140109	111495
20140110	111048
20150113	113631
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20500124	110443
20500139	110440
20500147	110545
20500155	110464
20500157	110818
20500190	110439
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20500507	110708
20500514	110402
20500552	111499
20500605	110394
20500706	111574
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20500789	110807
20500847	110529
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20500974	111534
20510100	111241
20510101	111508
20510107	111848
20510110	111214
20510134	111851
20510168	111485
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20510224	112320
20513003	112233
20513016	111300
20513017	111913
20513019	111912
20513021	110947
20513022	111703
20513023	111242
20513025	110417
20513026	110572
20513027	111971
20513030	112533
20513035	111679
20513036	111401
20513038	112366
20513039	111108
20513040	110245
20513052	110820
20513059	111021
20550101	112277
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35213955	111322
35214080	112707
35214095	111477
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35214355	112463

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35214930	111426
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35215210	111531
35215230	111990
35215250	111513
35215340	112681
35215345	111498
35215380	112280
35258420	111619
35258510	111228
35258620	113008
35258820	113011
35258890	112124
35258940	112267
35259250	111748
35259400	112439
35259480	112052
35259620	110627
35259650	110604
35259680	110604
35259930	111996
35260920	111421
35261180	111786
35261450	110524
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462237	112105
462415	111861
463592	112105
66021126	110497
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66021134	110577
66021136	110968
66021137	110969
66021147	110970
66021149	110972
66021150	110973
66021151	110974
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66021152	110975
66021153	110976
66021168	110977
66021169	111204
66021174	110977
66021238	110891
66021301	111317
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66021575	111321
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66021590M	113152
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66021594	113714
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66021636	110968
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66925139	111117
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66925146	111080
66925156	110587
66925157	110363
66925193	111750

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66925216	110155
66925299	111751
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66925343	110410
66925378	111061
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850461	113334
857663	113332
858884	112345
859371	113342
859371Z	113342
859534	111638
859538	111640
860141	112097
860305Z	111910
860507	111231
860541	111219
860543	111218
860557	111886
860561	112189
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860705	111771
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8AL2026F	110408
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ANB6002	110427
ANB6004	110427
ANB7001	110427
ANB7002	110427
ANB7003	110427
ANB7004	110427
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FPOR4001	111861
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MBJ6201	112577
MBJ6202	112577
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MDH4102M	111043
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MDO4108A	112828
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MDW4002M	111043
MDW4101M	110655
MDW4103M	110655
MDW4104M	110638
MDW4204M	111043
MDW4304	110638
MDX7047	112317
MDY6116	112317
MDY6139	112130
MDY7037	112317
MDY7039	112317
MDY7040	112317
MDY7054	112130
MDY7055	112317
MDY7061	112317
MDY7066	112317
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MEO6005	112249
MF7034	112317
MFX4001	112317
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MFX4005	112317
MFX7012	112317
MFY6201I	110999
MFY6201K	110999

O.E. No.	HC-CARGO
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MFY6601I	110999
MFY6601K	110999
MGD4001M	110655
MGD4002A	111043
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MGD4007	110647
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MGD4013	110647
MGD4102A	111043
MGD4102C	111043
MGD4106	110240
MGD4108	110648
MGD4108A	110648
MGD4110	110240
MGD4113	110647
MGD4115	110240
MGL4001B	110648
MGL4002	110636
MGL4004	111835
MGL4005	111961
MGL4006	110652
MGL4008	110646
MGL4012	110649
MGL4013	110636
MGL4014	110636
MGL4105	111861
MGL4108	110646
MGL4109	110644
MHA7010	112130
MHA7013	112130
MHJ7003	112318
MHJ7005	112318
MHJ7024	112318
MHX4001	112318
MJL4001	110652
MJL4002	110649
MJL4002A	110649
MJL4005	110645
MKW4001	110644
MKW4005	110636
MKW4006	110647
MKW4007	111861
MKW4008	110647
MS1-400A	110721
MUE6102S	112311
OMS121	112341
OMS122	112341
OMS123	110602
OMS132	110494
OMS133	111011
POA4001	110240
POA4002	110240
POB4001	111043
POC4001	110644
RCP	
1-2552-01VA	113800
112948	112948
21918A	113172
21923A	111190
21929A	111277
21952A	112911
21966A	113172
21970A	112898
21972A	111699
21973A	113679
21975A	112897
21976A	113679
23373A	112089
23384A	110436
23424A	113011
23426A	113435
23430A	113010
23432A	112652
23435A	112668
23445A	112667
23465A	112267

O.E. No.	HC-CARGO
RCP	
23493A	113008
23494A	113008
23495A	113009
23498A	111760
23499A	113007
235007A	113550
235019A	113827
23547A	113125
23565A	112255
23587A	112255
23588A	113124
25200A	110634
25201A	112242
25206A	110635
25207A	112563
25214A	112568
25215A	111701
25216A	110949
25217A	111702
25218A	111012
25219A	111700
25249A	113525
27903A	110210
27909A	110534
41131	112955
41133	112947
41134	112961
41135	112959
41136	112958
41137	112957
41138	112956
41139	113127
41140	112954
41142	112952
41144	112950
41145	112949
41166	112944
41199	113765
427007	112993
42704	110300
42710	112989
42711	110801
42714	110801
42715	112261
42721	113000
42725	112993
42731	112993
42733	113432
42737	112992
42741	112994
42743	112991
42752	113002
42765	112834
42766	113155
42777	113778
42780	112998
42783	112998
42800	113740
42949	113685
43702	112260
48915	111713
48916	110325
48940	110416
48954	110591
48961	113724
48980	110416
48981	111261
72706	112999
AL-12138	111495
AL-13448	113553
AL-13777	113569
AL-13804	113798
AL-13804	113799
AL-13938	113800
AL-13944	113748
AL-8292	113777
AL65811	111710
SR-6833	113827
ST-16739	110573
ST-16990	113725
ST-17801	113733

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
RCP	
ST-18273	113892
ST-18404	113734
ST-18485	113735
ST-18486	113727
ST-18985	113732
ST-30260	111608
ST-3109	113728
ST-3110	113729
ST-546	113728
ST-60360	113140
ST-6560	113679
ST-6562	113679
ST-6658	113813
ST-6670	113703
ST-6801	113550
ST-6806	113550
ST-6807	113826
ST-70510	112267
ST-70610	112268
ST-70630	113452
ST-70640	112268
ST-70670	112653
ST-771	112584
ST-774	113217
ST-775	112030
ST-776	111844
ST-777	111370
ST-785	113222
ST-786	113225
ST-793	113218
ST-794	113221
ST-795	113220
ST-797	113224
ST-798	113223
ST-848	112592
ST-873	112608
ST-875	112605
ST-898	111374
ST-9276	111374
REAL	
20404077	110814
20404081	110813
20404082	113381
REMY (DELCO)	
002	110974
00E091	112251
014	110925
023	111656
026	111656
027	110974
028	110974
032	110925
035	110925
037	111656
048	111656
050	110972
051	111168
052	110972
053	110914
057	110974
058	110925
059	111656
065	110914
066	111168
067	110972
068	110972
070	111800
10436058	110508
10437987	112871
10455003	113102
10455004	110221
10455006	110221
10455010	112911
10455011	111034
10455012	112913
10455013	111034
10455016	111034

O.E. No.	HC-CARGO
REMY (DELCO)	
10455017	110221
10455019	112911
10455021	112909
10455023	112911
10455024	110221
10455025	112911
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10455054	111034
10455055	112911
10455060	112911
10455065	112912
10455066	112898
10455069	112911
10455070	111034
10455076	112913
10455081	112911
10455300	112897
10455301	110216
10455304	110469
10455305	110216
10455306	110216
10455308	110216
10455312	110798
10455332	111190
10455340	110469
10455343	110216
10455355	110469
10455503	111849
10455506	111123
10455513	112546
10455516	112546
10455600	112233
10455601	112233
10455602	112232
10455603	110216
10455702	113103
10455703	112582
10455709	112582
10456319	112876
10456414	110075
10456415	110075
10456492	112898
10459001	113000
10459002	112261
10459003	110416
10459004	113000
10459006	111261
10459007	110591
10459008	113000
10459011	110591
10459016	110937
10459018	110416
10459020	112989
10459026	112160
10459027	112990
10459028	112991
10459037	112996
10459038	112996
10459040	112996
10459041	112996
10459046	112990
10459049	112991
10459050	113432
10459051	113432
10459052	111232
10459053	111232
10459054	111232
10459059	112996
10459061	111261
10459062	110591
10459063	112998
10459064	111261
10459065	112998
10459066	112998
10459068	112998
10459071	110591
10459072	111261
10459074	112998
10459075	110416

O.E. No.	HC-CARGO
REMY (DELCO)	
10459076	110591
10459077	110416
10459099	112998
10459101	112998
10459103	110416
10459105	112994
10459109	112994
10459111	112996
10459132	112998
10459133	111232
10459134	112994
10459135	112996
10459136	110416
10459137	111261
10459141	113002
10459142	113002
10459143	113001
10459144	113001
10459145	113003
10459148	110591
10459155	112996
10459156	113002
10459157	112994
10459158	112994
10459159	112996
10459160	113002
10459174	112994
10459175	112996
10459176	113002
10459177	112994
10459178	112996
10459179	113002
10459180	113002
10459181	113002
10459182	113001
10459183	113001
10459184	113003
10459188	112824
10459189	112824
10459190	112824
10459191	112824
10459192	112824
10459193	112824
10459194	113001
10459195	113002
10459198	113004
10459200	112989
10459205	112834
10459206	113004
10459210	112996
10459211	111232
10459216	113155
10459217	112834
10459226	113004
10459234	113004
10459254	112834
10459259	113001
10459260	113001
10459261	112160
10459301	112994
10459318	113579
10459320	113579
10459321	113579
10459325	112263
10459367	112996
10459472	112834
10459498	112996
10459509	113711
10459510	112996
10459547	112996
10461005	113123
10461006	113125
10461008	112255
10461011	113125
10461021	110436
10461022	112258
10461024	111000
10461025	110999
10461028	113153
10461030	111000
10461031	110999
10461032	110436

O.E. No.	HC-CARGO
REMY (DELCO)	
10461033	112089
10461034	110436
10461038	112089
10461039	111224
10461042	112089
10461043	111000
10461044	113123
10461045	112089
10461046	110436
10461047	111000
10461050	110436
10461051	110436
10461052	112089
10461053	112089
10461054	111000
10461055	113153
10461057	110347
10461059	112258
10461067	112089
10461068	111000
10461075	112089
10461076	112089
10461077	112089
10461081	113126
10461089	112255
10461107	110999
10461108	113124
10461114	112089
10461125	110347
10461126	112089
10461127	112089
10461133	112258
10461136	110999
10461178	112089
10461179	111000
10461184	111000
10461185	112089
10461194	112258
10461229	112255
10461234	113004
10461277	111000
10461278	111000
10461279	112255
10461280	112255
10461285	112267
10461303	111224
10461334	113550
10461357	110999
10461402	113695
10461405	113695
10461431	112165
10461444	113007
10461448	110604
10461449	110604
10461452	113008
10461453	113435
10461459	112269
10461460	112653
10461461	112652
10461463	112268
10461464	113010
10461465	111760
10461466	113452
10461467	113008
10461469	111760
10461470	111982
10461471	113011
10461483	112668
10461486	111760
10461487	113009
10461533	110999
10461645	113429
10461753	113550
10461770	113682
10463004	112630
10463006	112126
10463010	112625
10463011	110498
10463012	110498
10463013	110499
10463014	110499
10463015	110498

Cross Reference List

O.E. No.	HC-CARGO
REMY (DELCO)	
10463016	110499
10463017	110499
10463021	111202
10463022	111202
10463025	112632
10463026	112878
10463027	112877
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10463035	110986
10463036	110986
10463037	110986
10463039	112633
10463040	111388
10463043	110503
10463045	112629
10463050	112855
10463060	113767
10463062	112632
10463063	112878
10463069	112880
10463072	112260
10463074	112303
10463081	113581
10463085	112634
10463088	112637
10463091	112637
10463092	112338
10463094	112636
10463095	112877
10463098	112338
10463102	112856
10463103	112858
10463104	112629
10463105	112633
10463114	110503
10463116	111389
10463117	111486
10463118	110724
10463120	112877
10463121	112881
10463122	112881
10463133	112858
10463139	111389
10463144	112662
10463150	112638
10463152	112879
10463156	113581
10463158	112629
10463164	112338
10463165	112338
10463167	112638
10463169	110499
10463169	112624
10463175	110503
10463176	111389
10463177	111486
10463182	112638
10463186	110984
10463187	111388
10463189	112882
10463190	112883
10463197	112896
10463206	110499
10463208	111486
10463211	110499
10463214	111220
10463216	112885
10463242	112879
10463245	112338
10463264	110503
10463266	112879
10463267	110682
10463295	112883
10463296	112885
10463299	112896
10463300	112896
10463308	112448
10463338	112884
10463344	111389
10463345	112638
10463367	111202

O.E. No.	HC-CARGO
REMY (DELCO)	
10463375	111854
10463376	112628
10463377	112886
10463389	111711
10463390	111392
10463397	113767
10463398	112860
10463402	112862
10463404	112887
10463405	111392
10463406	112613
10463407	112614
10463408	111223
10463409	112889
10463411	112642
10463412	111391
10463413	111711
10463415	112639
10463416	112633
10463417	112640
10463418	111711
10463419	111090
10463421	112644
10463422	112644
10463424	112639
10463425	112640
10463440	113160
10463441	113580
10463442	112883
10463446	112887
10463447	112859
10463523	112888
10463525	112661
10463531	111388
10463532	111388
10463533	112890
10463534	112890
10463604	112643
10463605	113259
10463624	111854
10463625	112891
10463630	112615
10463632	112613
10463634	112892
10463636	112893
10463637	112875
10463639	112618
10463640	112645
10463651	111712
10463652	111712
10463655	110508
10463677	112890
10463678	112884
10463679	112890
10463680	112888
10463685	112616
10463686	113578
10463688	113005
10463689	112980
10463690	111712
10463692	112893
10463728	110659
10463734	110703
10463753	113077
10463805	111394
10463807	110802
10463820	111406
10463838	112619
10463839	112868
10463840	112865
10463842	112612
10463843	112866
10463844	112895
10463940	111712
10463963	113159
10463966	112615
10464035	113162
10464052	113074
10464069	112619
10464070	112870
10464072	112866

O.E. No.	HC-CARGO
REMY (DELCO)	
10464073	112615
10464075	112615
10464076	112895
10464077	112894
10464078	112980
10464079	112873
10464080	112873
10464081	112893
10464084	112665
10464086	112867
10464087	112618
10464088	112873
10464089	112873
10464090	113005
10464097	112869
10464146	113066
10464153	113463
10464158	111264
10464164	113083
10464165	111315
10464174	111285
10464205	113626
10464206	111807
10464209	112977
10464313	113495
10464351	113496
10464388	111807
10464395	112852
10464401	112869
10464402	112870
10464403	112874
10464404	112850
10464405	112853
10464406	112851
10464407	112870
10464409	112615
10464410	112618
10464412	112871
10464413	112871
10464414	112872
10464415	112871
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10464419	112612
10464420	112867
10464421	112849
10464424	112872
10464425	112871
10464427	112872
10464429	112871
10464431	112618
10464438	112850
10464441	112851
10464447	112871
10464451	112850
10464455	112849
10464477	112861
10465001	111786
10465008	112911
10465009	111786
10465013	112341
10465014	112341
10465015	113435
10465016	110724
10465018	110221
10465024	113103
10465026	112267
10465027	110221
10465028	110221
10465033	110221
10465034	112911
10465036	112909
10465042	111786
10465043	112267
10465044	112268
10465045	111041
10465046	111041
10465047	110604
10465048	110604
10465049	110590
10465050	110590

O.E. No.	HC-CARGO
REMY (DELCO)	
10465053	112341
10465054	112341
10465055	113008
10465057	113009
10465058	110602
10465066	112898
10465075	110225
10465079	112913
10465081	110231
10465082	110231
10465096	112911
10465097	112913
10465098	112911
10465130	112341
10465143	112897
10465149	112267
10465151	112253
10465167	112240
10465168	112341
10465173	113008
10465211	112267
10465293	112897
10465294	112904
10465295	112268
10465298	113122
10465309	112898
10465312	112911
10465314	112253
10465315	113008
10465365	112267
10465375	113006
10465384	112900
10465385	112906
10465386	112907
10465389	112912
10465399	112267
10465402	112667
10465406	111041
10465421	112901
10465422	112908
10465435	112913
10465440	110485
10465459	112900
10465463	112902
10465490	112911
10465492	112898
10465494	112911
10465520	112241
10465521	112907
10465523	112904
10465525	112903
10465527	112905
10465537	113429
10465540	113725
10465542	112900
10465546	112898
10465554	112240
10465584	110485
10469143	113001
10478803	110436
10478806	113126
10478809	110347
10478811	113695
10478828	113384
10478846	112254
10478853	110346
10478855	110347
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10478879	110347
10478880	110347
10478883	112254
10478884	110347
10478907	112254
10478911	110347
10478912	110347
10478946	111000
10478960	113695
10478962	110436
10478963	112089
10478985	112258
10478997	110436

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
REMY (DELCO)	
10478998	111000
10479052	110436
10479079	110471
10479082	113153
10479104	112089
10479108	112169
10479118	110999
10479121	112634
10479175	112243
10479600	112269
10479604	112653
10479605	112652
10479607	112268
10479608	113010
10479611	113435
10479612	113010
10479613	110602
10479614	112667
10479615	112253
10479616	111760
10479617	113452
10479618	112253
10479619	113008
10479620	113008
10479621	112267
10479622	111760
10479623	111760
10479624	112267
10479625	112253
10479626	111982
10479627	110524
10479628	113011
10479638	112253
10479641	112253
10479802	112338
10479805	110682
10479806	111202
10479807	112338
10479808	112338
10479811	110499
10479814	110499
10479815	110503
10479816	112858
10479825	110235
10479826	110235
10479827	110235
10479850	110508
10479874	110984
10479883	110984
10479891	112884
10479895	112622
10479896	112628
10479897	111389
10479898	111486
10479901	112638
10479902	112624
10479903	111388
10479905	111388
10479906	112629
10479909	110499
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10479930	111713
10479937	111486
10479938	111486
10479947	112229
10479955	111514
10479962	111220
REMY (DELCO)	
10479963	110503
10479974	111202
10479976	112641
10479981	112613
10479984	112614
10479990	113498
10479991	111223
10479993	112337
10479994	112640
10479995	112886
10479997	112640
10479998	110499
10480000	111846
10480009	112883
10480010	112885
10480017	111223
10480018	112889
10480022	112896
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10480025	112642
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Cross Reference List

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O.E.M. names and numbers are used for reference purposes only.

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1102474	110233
1102475	110233
1102476	110233
1102477	110505
1102478	110233
1102479	110233
1102480	110233
1102481	110505
1102482	110233
1102483	110505
1102484	110233

O.E. No.	HC-CARGO
REMY (DELCO)	
1102485	110505
1102486	110233
1102487	110233
1102488	110233
1102489	110505
1102490	110233
1102491	110505
1102492	110505
1102493	110233
1102494	110233
1102495	110233
1102496	111250
1102497	110233
1102498	110233
1102499	110505
1102500	110233
1102548	110233
1102549	110233
1102550	110233
1102551	111713
1102553	112260
1102578	110505
1102581	110233
1102593	110505
1102600	110499
1102601	112624
1102602	111389
1102603	111389
1102604	112638
1102605	112896
1102607	111220
1102614	110503
1102615	110724
1102616	112896
1102617	111202
1102625	112885
1102629	110984
1102630	110984
1102631	110984
1102634	112879
1102637	112879
1102642	112879
1102643	113580
1102644	112447
1102840	110233
1102841	110233
1102842	110233
1102843	110233
1102844	110233
REMY (DELCO)	
1102847	110505
1102848	110233
1102849	110233
1102850	110505
1102851	110233
1102852	110233
1102853	110233
1102854	110233
1102856	110233
1102857	110233
1102858	110233
1102859	110233
1102860	110233
1102861	110505
1102862	110233
1102863	110233
1102864	110233
1102865	110233
1102866	110505
1102867	110505
1102869	110233
1102871	110325
1102875	110504
1102876	110505
1102877	110505
1102878	110233
1102879	110505
1102880	110233
1102881	110505

O.E. No.	HC-CARGO
REMY (DELCO)	
1102882	110233
1102883	110233
1102884	110233
1102885	110233
1102886	110233
1102887	110505
1102888	110233
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1102891	110233
1102892	110233
1102893	110233
1102894	110233
1102895	110233
1102896	110505
1102897	110233
1102898	110505
1102899	110233
1102900	110505
1102901	110233
1102902	110233
1102903	110233
1102904	110233
1102905	110233
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1102936	110505
1102937	110505
1102940	110505
1102941	110233
1102942	110508
1102945	110075
1103031	110952
1103033	110233
1103033	110505
1103034	110233
1103035	110505
1103036	110233
1103037	110233
1103039	110505
1103040	110505
1103041	110233
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1103051	110233
1103052	110233
1103053	110505
1103054	110505
1103055	110505
1103056	110233
1103057	110233
1103058	110233
1103059	110233
1103060	110233

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
REMY (DELCO)	
1103061	110233
1103062	110233
1103063	110233
1103064	110233
1103065	110233
1103066	110233
1103067	110233
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1103071	110505
1103072	110508
1103073	110233
1103074	110233
1103075	110505
1103076	110233
1103078	110233
1103078	110505
1103079	110505
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1103083	110233
1103084	110233
1103085	110233
1103086	110233
1103087	110233
1103088	110233
1103089	110233
1103090	110233
1103091	110233
1103092	110233
1103093	110233
1103094	110233
1103095	110233
1103096	110233
1103097	110505
1103098	110505
1103099	110505
1103100	110233
1103101	110505
1103102	110233
1103103	110233
1103104	110505
1103105	110233
1103106	110233
1103108	110233
1103109	110505
1103110	110233
1103111	110233
1103112	110233
1103116	110505
1103117	110233
1103118	110505
1103119	110233
1103120	110233
1103121	110233
1103122	110233
1103123	110952
1103124	110505
1103125	110505
1103126	110505
1103127	110505
1103128	110505
1103130	110505
1103131	110505
1103133	110505
1103134	110325
1103135	110505
1103138	110505
1103139	110505
1103140	110233
1103141	110505
1103142	110233
1103143	110233
1103144	110505
1103145	110233
1103146	110233
1103147	110233
1103148	110505
1103149	110505
1103150	110505
1103151	110505
1103152	110505

O.E. No.	HC-CARGO
REMY (DELCO)	
1103153	110233
1103154	110505
1103155	110233
1103156	110233
1103157	110233
1103158	110505
1103159	110505
1103160	110505
1103161	110233
1103162	110505
1103163	110233
1103165	110505
1103166	110505
1103168	110233
1103169	110233
1103170	110233
1103171	110505
1103172	110505
1103173	110505
1103174	110505
1103175	110505
1103180	110508
1103182	110233
1103183	110505
1103184	110505
1103186	110233
1103187	110505
1103188	110505
1103189	110508
1103190	110325
1103195	110233
1103196	110505
1103197	110233
1103198	110233
1103199	110233
110397	111065
1105022	110508
1105023	110508
1105025	110508
1105029	110508
1105033	110233
1105034	110508
1105036	110508
1105041	110508
1105043	110505
1105044	110508
1105045	110508
1105046	110508
1105047	110508
1105048	110508
1105049	110508
1105050	110505
1105056	110233
1105058	110508
1105059	110508
1105060	110508
1105063	110325
1105066	110505
1105067	110233
1105068	110505
1105069	110505
1105070	110505
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1105073	110505
1105074	110505
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1105076	110325
1105079	110505
1105080	110505
1105081	110508
1105082	110508
1105083	110508
1105084	110508
1105085	110492
1105091	110508
1105092	110508
1105098	110505
1105160	110505
1105161	110505
1105162	110505
1105163	110505
1105164	110505

O.E. No.	HC-CARGO
REMY (DELCO)	
1105165	110505
1105166	110505
1105167	110505
1105168	110505
1105169	110505
1105170	110505
1105171	110505
1105172	110505
1105173	110505
1105174	110505
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1105176	110505
1105177	110505
1105178	110505
1105179	110592
1105181	110505
1105182	110508
1105183	110508
1105185	110233
1105186	110235
1105188	110505
1105189	110235
1105193	110505
1105195	110233
1105196	110235
1105197	110235
1105198	110235
1105199	110235
1105200	110235
1105243	110235
1105244	110505
1105245	110508
1105246	110235
1105249	110235
1105250	110235
1105328	110235
1105329	113029
1105330	110235
1105332	110235
1105333	110235
1105335	110235
1105339	110235
1105342	110235
1105343	110235
1105345	112448
1105346	110235
1105347	110235
1105348	110233
1105351	110505
1105354	110492
1105356	110492
1105357	110505
1105360	110233
1105361	110505
1105362	110505
1105363	110505
1105365	110233
1105366	110492
1105371	110508
1105372	110508
1105415	110235
1105418	111713
1105419	110505
1105420	110505
1105421	110505
1105422	110505
1105423	110505
1105424	110505
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1105426	110508
1105427	110505
1105428	110471
1105429	110505
1105433	110235
1105434	110505
1105441	110471
1105442	110471
1105443	110471
1105444	110471
1105445	110471
1105446	110471
1105447	110471

O.E. No.	HC-CARGO
REMY (DELCO)	
1105449	110471
1105451	110492
1105457	113711
1105460	112260
1105461	112303
1105462	112260
1105463	112260
1105464	112260
1105465	112260
1105466	112303
1105467	112260
1105468	112303
1105469	112260
1105470	112260
1105471	112303
1105472	112999
1105473	112999
1105474	110300
1105475	110300
1105476	110300
1105478	111250
1105479	110492
1105481	110492
1105492	113767
1105493	110471
1105494	110508
1105495	110471
1105496	110471
1105497	110492
1105499	112988
1105506	110471
1105507	110471
1105509	110492
1105510	110952
1105511	110508
1105512	110235
1105513	110492
1105514	110505
1105515	110492
1105516	110508
1105520	110505
1105521	110508
1105522	110505
1105523	110508
1105535	111713
1105536	111713
1105537	110952
1105538	111713
1105539	111713
1105540	111713
1105541	110471
1105542	110471
1105543	110471
1105544	110471
1105545	110471
1105547	110471
1105549	110492
1105552	110235
1105553	110492
1105555	110508
1105556	110505
1105558	110505
1105559	110505
1105560	111713
1105561	110471
1105562	110471
1105564	110508
1105565	110471
1105566	110471
1105567	110471
1105568	110471
1105569	110471
1105570	110492
1105571	110492
1105572	110471
1105573	110505
1105574	110505
1105576	110508
1105577	112448
1105578	110234
1105579	111713
1105580	110508

Cross Reference List

O.E. No.	HC-CARGO
REMY (DELCO)	
1105581	110471
1105582	110471
1105584	110505
1105587	110492
1105588	110508
1105590	110508
1105591	110508
1105592	110471
1105594	110508
1105597	110508
1105599	110508
1105600	110508
1105602	110471
1105603	110508
1105604	110471
1105606	113767
1105607	110508
1105608	110508
1105609	111713
1105610	110508
1105611	110508
1105612	112126
1105615	112876
1105616	112876
1105619	110505
1105620	110508
1105621	110508
1105623	110508
1105624	110508
1105627	110508
1105628	110508
1105629	110471
1105630	110471
1105632	110233
1105633	110508
1105635	110508
1105637	112448
1105639	110492
1105645	110505
1105647	110508
1105648	113767
1105649	110233
1105650	110508
1105651	110471
1105652	110508
1105653	110508
1105654	110471
1105657	112880
1105658	112988
110566	112365
1105661	110984
1105662	112126
1105663	112126
1105664	112126
1105665	112126
1105669	112630
1105670	112630
11056709	110234
1105671	112634
1105672	112634
1105673	110508
1105674	110508
1105675	110508
1105676	110508
1105677	110502
1105678	110502
1105681	110492
1105686	110505
1105688	112633
1105689	110984
1105690	112988
1105691	110508
1105692	110508
1105693	110234
1105694	111388
1105697	110503
1105698	111388
1105701	110503
1105703	110508
1105704	110508
1105705	110508

O.E. No.	HC-CARGO
REMY (DELCO)	
1105706	110508
1105707	110508
1105708	110508
1105710	112337
1105711	112629
1105712	112633
1105715	112629
1105716	112633
1105718	112635
1105720	112635
1105722	112621
1107194	110506
1107196	110218
1107203	110469
1107204	110506
1107205	110506
1107209	110491
1107237	112897
1107242	112897
1107247	112897
1107248	112897
1107259	112897
1107260	112897
1107287	110506
1107289	111258
1107293	110218
1107294	110218
1107295	110506
1107298	110218
1107299	110218
1107301	112897
1107302	112897
1107306	112897
1107308	111190
1107320	112897
1107330	110218
1107335	113172
1107336	112897
1107340	112897
1107342	111258
1107355	110218
1107365	111258
1107370	112897
1107373	112897
1107374	112897
1107377	110468
1107378	110468
1107379	111190
1107388	111258
1107391	112897
1107396	110218
1107399	112897
1107400	112897
1107496	112897
1107514	110590
1107539	110590
1107540	112268
1107557	110472
1107567	110604
1107577	111221
1107580	111041
1107582	110472
1107587	110334
1107588	110602
1107596	112897
1107599	111221
1107655	111260
1107660	110798
1107681	111260
1107687	110798
1107694	110798
1107709	112233
1107710	112233
1107711	111258
1107781	110216
1107862	112660
1107863	111221
1107867	112660
1107871	111221
1107872	110590
1107890	110798

O.E. No.	HC-CARGO
REMY (DELCO)	
1107892	110798
1108026	110218
1108197	110468
1108224	110218
1108225	110218
1108226	110218
1108278	112233
1108331	112897
1108333	110218
1108335	110218
1108338	111258
1108348	110218
1108349	110218
1108351	112897
1108353	110218
1108361	112897
1108363	112897
1108365	112897
1108366	112897
1108367	112897
1108371	112897
1108373	112233
1108374	112232
1108375	112897
1108380	112897
1108382	111258
1108383	110218
1108386	110218
1108387	110218
1108389	110218
1108391	112897
1108400	111258
1108418	111258
1108419	110798
1108421	110469
1108422	110506
1108423	110506
1108427	110216
1108428	110216
1108429	110216
1108430	110216
1108434	110218
1108435	110218
1108436	110218
1108439	112897
1108443	113172
1108445	110218
1108446	110218
1108448	112897
1108450	111258
1108477	112897
1108479	112897
1108480	110216
1108493	113172
1108495	110218
1108496	112897
1108498	110218
1108500	110218
1108501	110216
1108502	110216
1108503	112897
1108505	110491
1108506	112897
1108508	111190
1108511	111259
1108512	112897
1108513	110216
1108516	110218
1108517	110218
1108519	110218
1108521	112897
1108597	112897
1108692	110602
1108694	110953
1108696	110588
1108745	110216
1108746	110216
1108747	110216
1108748	110216
1108755	111277
1108756	111277

O.E. No.	HC-CARGO
REMY (DELCO)	
1108758	110218
1108759	110218
1108762	112897
1108765	110218
1108766	110218
1108770	112897
1108774	112897
1108776	110216
1108777	112897
1108778	110216
1108779	110216
1108780	110216
1108781	110216
1108782	110216
1108788	111258
1108790	112897
1108794	110218
1108795	110216
1108796	110216
1108797	112897
1108798	110216
1108799	111258
1108857	111000
1108918	110216
1109022	110218
1109025	110216
1109026	110218
1109029	111258
1109036	110216
1109038	112897
1109052	110216
1109056	110216
1109057	110216
1109059	111258
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1109064	110216
1109065	110216
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1109068	110216
1109072	110218
1109074	111258
1109084	110798
1109087	111190
1109088	111190
1109090	110468
1109091	110468
1109092	110798
1109093	110469
1109095	110506
1109098	110491
1109192	110590
1109199	110953
1109212	110220
1109213	110220
1109215	110220
1109216	110220
1109219	112341
1109222	110347
1109251	111221
1109253	110590
1109261	110590
1109263	110590
1109272	110604
1109276	113384
1109281	113384
1109282	113384
1109285	110347
1109286	110347
1109287	110347
1109288	110347
1109289	110347
1109290	110347
1109291	110347
1109292	110347
1109293	110347
1109294	112254
1109296	110347
1109298	110999
1109299	112254

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O.E. No.	HC-CARGO
REMY (DELCO)	
1109355	110798
1109356	112233
1109358	112233
1109364	112897
1109365	112897
1109369	112232
1109415	112897
1109418	113172
1109420	112007
1109422	111190
1109423	113172
1109430	111259
1109431	110218
1109439	113172
1109446	111260
1109482	110216
1109484	112233
1109485	112232
1109486	111277
1109487	111277
1109488	111277
1109489	111277
1109490	111277
1109494	110347
1109521	110414
1109524	110414
1109526	110221
1109530	110221
1109534	110414
1109538	110221
1109540	111222
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1109551	112909
1109553	110347
1109560	110221
1109563	112341
1109564	112911
1109568	111259
1109597	112897
1109627	113384
1109631	110347
1109633	112254
1109635	110346
1109636	110347
1109638	110347
1109641	112254
1109642	110347
1109643	110347
1109644	112254
1109647	110347
1109649	110347
1109661	110347
1109702	111000
1109704	111000
1109723	111000
1109745	111000
1109755	110347
1109759	110347
1109760	111000
1109762	111000
1109765	111000
1109768	110347
1109769	113384
1109771	110347
1109772	110347
1109773	110347
1109774	110347
1109775	110347
1109776	110347
1109777	110347
1109778	110347
1109780	110347
1109782	110347
1109787	110347
1109788	110347
1109789	110347
1109791	110347
1109793	112254
1109794	110346
1109798	110347
1109831	110999
1109832	110346

O.E. No.	HC-CARGO
REMY (DELCO)	
1109833	110347
1109834	110347
1109835	112254
1109836	110347
1109838	110347
1109839	110347
1109840	110347
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1109979	110347
1109986	110347
1109987	110347
1109989	110346
111018	110807
1113248	112668
1113256	110799
1113266	112341
1113267	112341
1113269	112341
1113270	112341
1113271	111221
1113272	113007
1113273	110602
1113274	112268
1113275	111041
1113276	112267
1113277	111760
1113278	111041
1113279	110604
1113280	110604
1113281	110590
1113282	110590
1113284	112668
1113285	111383
1113286	113008
1113287	113008
1113288	111222
1113290	112268
1113291	111760
1113292	112267
1113294	111760
1113295	112341
1113296	112341
1113297	113009
1113353	112243
1113370	112243
1113371	112243
1113402	111224
1113403	112243
1113436	112243
1113479	112243
1113481	112243
1113488	110436
1113494	112243
1113510	110241
1113517	110652
1113518	110241
1113519	110638
1113521	110655
1113534	112243
1113535	112243
1113536	112243
1113541	112243
1113552	110241
1113553	110241
1113569	110241
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1113578	110652
1113579	110652
1113589	112341

O.E. No.	HC-CARGO
REMY (DELCO)	
1113590	112341
1113591	113435
1113593	112267
1113594	111760
1113597	112268
1113639	111007
1113640	111224
1113641	111224
1113644	111224
1113645	112089
1113650	111224
1113651	111224
1113652	110569
1113653	111224
1113656	111224
1113660	111007
1113672	111224
1113676	111224
1113683	110569
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1113877	111000
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1113887	111000

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1114041	112089

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1114074	112089
1114076	112089
1114077	112258
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1114082	112089
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1114148	112089
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1114153	110436
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1114793	110999
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1117148	110937
1117160	110937
1117225	110416
1117226	111261
1117227	110416
1117228	110416
1117229	111261
1117230	111261
1117231	110416
1117233	112263
1117234	110416
1117236	111261
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1117241	110416
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1117243	111261
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1117246	112263
1117248	111261
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1117250	111261
1117251	110416
1117253	111261
1117255	110416
1117256	110591
1117258	111261
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1117263	110416
1117267	110416
1117268	110416
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1117280	112998
1117481	112262
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1117484	112262
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1117641	112989
1117642	110801
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1117647	110801
1117648	110591
1117650	110801
1117655	110801
1117732	113000

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
REMY (DELCO)	
1117733	112263
1117734	112261
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1117744	112262
1117746	112261
1117800	113000
1117801	112264
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1117804	113000
1117805	112261
1117806	113000
1117808	113000
1117809	112264
1117811	112264
1117812	112264
1117813	112264
1117814	112262
1117815	113000
1117816	112264
1117817	112265
1117828	112265
1117836	112261
1117846	112261
1117880	111232
1117885	112994
1117886	112994
1117887	112994
1117890	112994
1117891	112996
1117892	112994
1117894	111232
1117895	112990
1117896	112991
1117897	112160
1117898	112996
1117899	112991
1117900	112160
1117903	112990
1117904	112991
1117905	112994
1117906	111232
1117907	111232
1117908	112991
1117909	112995
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1117921	112995
1117922	112995
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1117925	111232
1117927	112990
1117928	112991
1117929	111232
1117931	111232
1117933	113432
1117934	112995
1117941	112996
1117942	111232
1117943	112996
1117944	112160
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1117948	113432
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1117952	113432
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1117956	111232
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1117959	112993

O.E. No.	HC-CARGO
REMY (DELCO)	
1117961	112996
1117962	112993
1117964	112995
1117965	111232
1117966	111232
112161	112251
119	111665
120	111169
121	111169
12301334	111699
12558851	112912
12560672	112902
12563718	112903
12563863	112905
12563907	112906
12563908	112902
12563916	112907
12563919	112904
12564107	112241
12564108	112240
12564109	112898
12567398	112898
12573853	112902
134	111178
139	111166
139	113850
141	110792
150	111055
152	110784
153	110784
155	111056
15750871	112853
15754097M	113777
15768830	112853
162	110792
163	110364
164	110784
168	111055
169	111127
171	110364
172	111055
173	111127
174	111122
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19010003	112998
19010005	112998
19010006	111261
19010008	110591
19010009	112998
19010011	112998
19010014	112998
19010019	112998
19010020	111261
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19010115	112995
19010116	112996
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19010128	112995
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19010136	112993
19010137	112993
19010138	111232
19010139	112995
19010145	112996
19010147	112996
19010148	112160

O.E. No.	HC-CARGO
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19010154	112993
19010155	111232
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19010163	112993
19010166	112993
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19010195	112160
19010196	112996
19010199	112160
19010202	112995
19010207	112996
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19011213	113003
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1901158	113001
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19020303	112824
19020305	112834
19020306	112834
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19020310	112834
19020323	112824
19020377	112160
19020382	112160
19020383	112160

O.E. No.	HC-CARGO
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19020388	113579
19020389	113579
19020501	110233
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19020601	113685
19020608	113692
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19020614	113693
19020615	113694
19020616	113691
19020801	112824
19020803	113579
19020804	113579
19020889	113579
19023060	113827
19024000	110537
19024001	110409
19024005	110538
19024008	110539
19024010	110206
19024011	110533
19024012	111003
19024013	110207
19024015	110208
19024016	110208
19024018	110582
19024023	110600
19024024	110512
19024025	110206
19024026	112507
19024028	111218
19024030	110534
19024035	110535
19024036	112115
19024040	110932
19024042	110212
19024046	110582
19024047	111219
19024048	110980
19024049	110981
19024051	110210
19024052	111046
19024053	110213
19024054	110532
19024063	111219
19024071	110531
19024072	112120
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19024076	112119
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19024078	110212
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19024106	110981
19024179	111771
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19024202	110522
19024204	110524
19024205	110525
19024223	110525
19024224	110536
19024225	110524
19024226	110523
19024229	110519
19024230	110529
19024231	110521
19024232	110518
19024233	110527
19024234	110523
19024235	110524
19024236	110524
19024238	110530
19024239	110368
19024241	110812
19024242	110517
19024249	110368
19024250	111001
19024253	110522

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O.E. No.	HC-CARGO
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19024257	111752
19024260	112037
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19024555	110208
19024556	110512
19024561	110537
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19024563	110409
19024565	111217
19024566	111217
19024576	110208
19024578	110601
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19024664	110430
19024665	110434
19024666	110430
19024667	110434
19024668	112523
19024669	112524
19024670	112525
19024672	110950
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19024677	112521
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19024680	112513
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19024685	112514
19024688	112487
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19024690	112525
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19024694	112527
19024695	112526
19024696	112527
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19024699	112138
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19024716	112138
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19024719	112483
19024720	112484
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19024722	112515
19024723	112516
19024724	112517
19024727	112863
19024729	112864
19024730	112317
19024731	112318
19024732	112318
19024735	112485
19024736	112486
19024741	112484
19024743	112317
19024813	110523
19024815	110551

O.E. No.	HC-CARGO
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19025045	111138
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19025051	111035
19025056	110912
19025057	112097
19025059	111654
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19025062	111654
19025063	111180
19025066	110612
19025067	110912
19025068	111418
19025069	110923
19025070	111093
19025071	110913
19025074	110112
19025075	110043
19025076	111621
19025100	112159
19025107	112159
19025109	113448
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19025113	112561
19025304	110544
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19025602	110061
19025603	110064
19025604	111504
19025752	110991
19025761	110612
19025771	110349
19025772	110350
19025786	110612
19025787	111035
19025789	111035
19025791	111036
19025799	111032
19026027	113826
19070006	112561
19070039	111982
19070058	112561
1939507	110798
1955603	110216
1970445	111258
1972724	112448
1979857	110508
1979858	110508
1979859	110508
1979860	110233
1979861	110233
1979862	110233
1979863	110233
1979865	110233
1979866	110233
1979867	110233
1988430	110221
1988723	110221
1990202	111000
1990204	110999
1990205	110436
1990219	110436
1990220	110436
1990221	110436
1990224	112089
1990226	113384
1990227	112254
1990229	110347
1990231	110347
1990235	110347

O.E. No.	HC-CARGO
REMY (DELCO)	
1990237	110347
1990238	112254
1990239	110347
1990241	110346
1990246	113384
1990248	110347
1990249	110347
1990250	110347
1990251	110347
1990259	110347
1990260	110347
1990262	110347
1990263	110347
1990264	110347
1990266	110347
1990268	110347
1990269	110347
1990270	110347
1990271	110347
1990272	110347
1990273	110347
1990274	110347
1990276	110347
1990279	111000
1990281	110436
1990282	111000
1990283	110999
1990284	110347
1990290	110436
1990297	110999
1990300	110999
1990304	110436
1990306	112089
1990308	113123
1990309	111224
1990310	112255
1990312	113124
1990313	112255
1990315	111224
1990316	112255
1990317	112255
1990318	111224
1990319	112255
1990323	112089
1990324	110999
1990325	110436
1990326	111224
1990330	112243
1990332	112243
1990333	113384
1990337	112089
1990343	110999
1990344	111000
1990347	113125
1990348	112089
1990352	112089
1990353	110436
1990354	112089
1990356	110436
1990357	110999
1990358	112089
1990359	110999
1990360	110999
1990361	111000
1990362	110436
1990363	112089
1990364	110999
1990366	110999
1990367	110999
1990368	111000
1990370	110436
1990373	110999
1990374	110436
1990375	112089
1990376	112089
1990377	112258
1990378	111000
1990379	110436
1990382	111000
1990383	111000
1990384	111000

O.E. No.	HC-CARGO
REMY (DELCO)	
1990385	110436
1990386	112089
1990387	110436
1990388	111000
1990390	111000
1990391	113153
1990393	113153
1990394	110436
1990398	112089
1990399	110436
1990400	112089
1990402	110999
1990403	110436
1990409	111000
1990410	111000
1990411	111000
1990412	111000
1990413	110999
1990414	110999
1990416	111000
1990418	111000
1990420	112089
1990422	111000
1990423	112089
1990424	112089
1990425	110436
1990426	113153
1990429	110436
1990432	110999
1990433	110999
1990437	111000
1990438	112258
1990441	110436
1990443	110436
1990452	110436
1990453	110999
1990455	110999
1990456	111000
1990458	112089
1990460	111000
1990466	110436
1990468	112089
1990469	110436
1990470	112089
1990471	110436
1990474	110999
1990475	112089
1990476	110436
1990477	112089
1990478	112089
1990480	110436
1990483	112089
1990484	113153
1990485	111000
1990487	110436
1990490	112089
1990491	111000
1990492	110436
1990493	111000
1990495	112089
1990496	110436
1990497	110999
1990499	112256
1990703	110436
1990719	111786
1990809	110999
1990838	111000
1993700	111000
1993701	112256
1993704	110999
1993705	111224
1993707	112243
1993712	111224
1993713	112255
1993719	112255
1993729	112243
1993732	112243
1993738	113123
1993741	112256
1993754	111224
1993759	113123

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
REMY (DELCO)	
1993761	113124
1993762	111224
1993763	112255
1993767	113125
1993769	111224
1993772	110436
1993775	110436
1993778	112255
1993785	112258
1993789	113123
1993790	111224
1993794	112255
1993795	110436
1993796	110999
1993797	110999
1993799	111224
1993802	111000
1993803	112089
1993804	110999
1993805	111000
1993806	110436
1993807	112089
1993808	110999
1993810	111000
1993811	110436
1993814	110999
1993815	110999
1993816	112089
1993818	113124
1993819	112255
1993820	110436
1993831	113695
1993833	110999
1993836	113153
1993840	110347
1993842	111000
1993850	113123
1993854	113125
1993855	113123
1993869	112255
1993871	112255
1993874	112255
1993880	113124
1993881	111224
1993885	111007
1993886	111224
1993894	111224
1993901	112243
1993902	112243
1993903	112169
1993909	112243
1993910	112243
1993918	113695
1993924	111000
1993931	112255
1993935	110436
1993937	110436
1993938	110436
1993939	110436
1993942	110436
1993943	110436
1993945	110999
1993954	112169
1993961	110436
1993963	113126
1993974	112255
1993983	110436
1993986	112256
1993988	111224
1998210	111190
1998211	110216
1998213	112897
1998217	110216
1998222	110216
1998223	110216
1998225	111258
1998226	110216
1998227	112897
1998234	112897
1998235	112897
1998236	112897
1998238	110216

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REMY (DELCO)	
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1998242	110216
1998243	110216
1998244	110216
1998246	110216
1998247	110216
1998253	110216
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1998261	110798
1998266	110468
1998267	110468
1998269	110469
1998270	110469
1998271	110506
1998274	110491
1998280	112233
1998281	110469
1998282	112233
1998295	112007
1998305	111259
1998313	111260
1998314	111786
1998315	112233
1998316	112232
1998317	111277
1998318	111277
1998330	110590
1998334	110604
1998335	110590
1998336	111041
1998337	110472
1998338	110604
1998339	110602
1998340	112268
1998342	110590
1998350	112268
1998351	112269
1998357	112268
1998359	110590
1998363	110953
1998373	112268
1998376	110590
1998378	110604
1998383	111041
1998387	111041
1998389	111222
1998394	110604
1998396	112897
1998401	112341
1998404	112233
1998405	112232
1998408	112267
1998409	110604
1998421	112233
1998423	112267
1998427	111034
1998429	112911
1998435	112897
1998436	110216
1998437	110216
1998438	110216
1998439	110216
1998440	110216
1998441	110216
1998442	112341
1998447	112909
1998448	110221
1998450	110221
1998456	112267
1998457	112267
1998460	112233
1998466	112910
1998467	110216
1998468	112268
1998480	110590
1998481	111041
1998484	112268
1998488	111760
1998490	112267
1998502	112911
1998503	112911
1998504	112911

O.E. No.	HC-CARGO
REMY (DELCO)	
1998506	112267
1998510	112911
1998513	111786
1998514	110221
1998515	110221
1998516	112897
1998520	112911
1998521	110221
1998522	112267
1998523	112911
1998524	111034
1998526	110221
1998527	112910
1998529	112909
1998530	110221
1998533	112911
1998538	113102
1998544	110221
1998548	112910
1998558	110216
1998561	110216
1998562	110216
1998564	112897
1998566	110216
1998568	110216
1998569	110216
1998570	110216
1998574	110216
1998576	111049
1998577	112897
1998578	113103
1998579	110218
1998583	110216
1998584	110216
1998589	110216
1998590	110216
1998591	112897
1998599	112233
206	110914
208	111168
21020761	113122
21020893	112847
21021366	112847
21021447	112663
21022772	112663
21022773	112663
21022893	112663
21022992	112861
21023232	113122
21023515	112663
21023516	112663
21023702	112663
21023705	112663
21023724	112663
21023743	112663
21023969	112861
21024332	113122
21024485	112861
21024486	112861
21024726	112861
21024727	112861
21025094	112861
21025339	112861
214	112165
215	112165
219	111665
219053	112297
219072	112657
219091	111708
219101	111308
2191166	111647
219137	113498
219139	113350
219170	111847
219187	111846
219199	113498
219202	113349
219251	111847
219298	111708
220	110914
220	111169
234	111178

O.E. No.	HC-CARGO
REMY (DELCO)	
239	111166
244	112056
24506694	112901
24507410	112911
272	110974
273	112720
29219091	111708
3182972	110509
321-1006	112886
321-1015	110508
321-1016	112629
321-1018	112860
321-1022	112862
321-1024	112887
321-1028	112889
321-1048	113160
321-1049	113580
321-1050	112883
321-1053	112887
321-1054	112859
321-1056	112888
321-1060	112890
321-1065	113502
321-1070	113259
321-1089	112891
321-1093	112892
321-1095	112893
321-1096	112875
321-1110	112890
321-1112	112890
321-1128	113578
321-1130	113005
321-1131	112980
321-1134	112893
321-1139	112868
321-1140	112865
321-1143	112866
321-1144	112895
321-1276	113072
321-136	112448
321-1418	112870
321-1420	112866
321-1424	112895
321-1425	112894
321-1426	112980
321-1427	112873
321-1428	112873
321-1429	112893
321-1434	112867
321-1436	112873
321-1437	112873
321-1441	112869
321-1739	112852
321-1747	112874
321-1748	112850
321-1749	112853
321-1751	112870
321-1753	112615
321-1756	112871
321-1757	112871
321-1758	112872
321-1759	112871
321-1760	112871
321-1765	113159
321-1768	112867
321-1784	112849
321-1785	112871
321-1789	112871
321-1797	112615
321-1798	112850
321-1801	112851
321-1807	112871
321-1811	112850
321-1846	112861
321-275	112880
321-297	112876
321-323	112632
321-324	112878
321-325	112877
321-339	112629
321-344	112855
321-361	112632

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O.E. No.	HC-CARGO
REMY (DELCO)	
321-362	112878
321-367	112880
321-372	113581
321-386	112877
321-393	112856
321-394	112858
321-409	110724
321-411	112877
321-412	112881
321-413	112881
321-424	112858
321-431	110984
321-439	112629
321-443	112879
321-447	113581
321-452	112629
321-479	112629
321-481	112882
321-482	112883
321-489	112896
321-490	112896
321-503	112629
321-507	112885
321-523	110682
321-581	112883
321-582	112885
321-585	112896
321-586	112896
321-594	112884
321-600	110416
321-602	111261
321-603	112260
321-611	110416
321-641	113000
321-654	110300
321-655	110591
321-660	110801
321-665	110801
321-666	112989
321-667	111713
321-670	113000
321-676	112990
321-677	112991
321-687	112996
321-688	113432
321-697	110591
321-698	111261
321-700	112998
321-702	110416
321-707	112998
321-731	113002
321-732	113002
321-733	113001
321-734	113001
321-735	113003
321-739	112824
323-1062	112900
323-1063	112906
323-1064	112912
323-1065	112912
323-1145	112907
323-1188	112667
323-1191	112901
323-1192	112908
323-1205	112913
323-1396	112900
323-1400	112902
323-1430	112907
323-1432	112904
323-1434	112241
323-1437	112903
323-1446	112905
323-1449	112898
323-1476	112905
323-1483	112902
323-287	112910
323-319	112909
323-350	112911
323-394	111786
323-404	111786
323-408	113435

O.E. No.	HC-CARGO
REMY (DELCO)	
323-411	110221
323-417	113103
323-419	112267
323-421	110221
323-422	110221
323-427	110221
323-428	112911
323-429	112911
323-430	112909
323-448	113008
323-449	113008
323-450	113009
323-457	112898
323-472	112911
323-473	112913
323-474	112911
323-480	112897
323-486	113008
323-488	112897
323-489	112904
323-490	113122
323-501	112898
323-503	112911
323-516	113225
323-528	113006
323-529	112911
323-531	112898
323-533	112911
323-540	110394
323-546	113101
323-677	111699
323-818	113123
323-823	112267
323-824	112267
323-829	110436
323-830	110436
323-839	113123
323-840	113125
323-842	112255
323-855	110436
323-864	113153
323-871	112089
323-879	113126
323436	111786
334-2145	112448
336-2002	112902
3471141	110792
3471143	110364
3471144	110792
3471150	111055
3471152	110784
3471153	110784
3471155	111056
3471162	110792
3471163	110364
3471164	110784
3471168	111055
3471169	111127
3471170	111122
3471171	110364
3471172	111055
3471173	111127
3471174	111122
3471177	111055
3471214	110972
3471366	110829
3471369	110784
3471377	111056
3471390	110364
3471391	110792
3471393	111055
3471394	111056
3471396	110839
3471397	110784
3471850	111122
3472002	110974
3472014	110925
3472021	111364
3472022	113376
3472023	111656
3472024	113376

O.E. No.	HC-CARGO
REMY (DELCO)	
3472026	111656
3472027	110974
3472028	110974
3472032	110925
3472035	110925
3472037	111656
3472038	113376
3472039	113376
3472042	113377
3472048	111656
3472050	110972
3472051	111168
3472052	110972
3472053	110914
3472057	110974
3472058	110925
3472059	111656
3472061	113376
3472062	113377
3472065	110914
3472066	111168
3472067	110972
3472068	110972
3472069	112056
3472070	111800
3472093	113377
3472104	113376
3472105	111166
3472106	111166
3472119	111665
3472120	111169
3472121	111169
3472130	112056
3472134	111178
3472139	111166
3472144	112056
3472152	112056
3472170	112751
3472171	112751
3472188	111800
3472204	113376
3472206	110914
3472208	111168
3472210	113377
3472220	110914
3472225	111665
3472226	111665
3472231	111665
3472232	111665
3472272	110974
3472641	112056
3472706	111166
3491190	111055
3493119	111665
3493204	113376
3493214	112165
3493219	111665
3493220	111169
3493226	112409
3493230	112056
3493234	111178
3493239	111166
3493244	112056
3493273	112720
3493409	111426
3493455	111514
3493604	111166
3493606	111166
3493619	111168
3493620	111800
3493621	111169
3493634	111178
3493639	111166
3493641	112056
3493704	112805
3493706	112775
3493714	111166
3493715	112805
3493716	111166
3493717	112775
3493719	111168

O.E. No.	HC-CARGO
REMY (DELCO)	
3493721	111169
3493734	111178
3493739	111166
3493741	112056
3493791	112056
3493814	111514
3493823	111426
3493824	111426
3493847	112229
3493848	112229
3493855	111514
3493914	111514
3493923	111426
3493927	111426
3493955	111514
36751	112483
36761	112516
384	111426
390087	111647
391	110792
394	111056
409	111426
455	111514
455957	113256
604	111166
606	111166
619	111168
620	111800
621	111169
634	111178
639	111166
641	112056
65262017039	111683
65262017044	112502
65262017050	112344
706	111166
706	112775
714	111166
716	111166
717	112775
719	111168
734	111178
739	111166
741	112056
791	112056
814	111514
8200010	113682
8200033	113550
8200040	113550
823	111426
824	111426
847	112229
848	112229
855	111514
89000853	112906
9000700	111127
9000719	111786
9000725	111786
9000735	111786
9000751	111127
9000756	111127
9000758	111127
9000761	111786
9000762	111786
9000763	111699
9000768	111786
9000772	111127
9000773	112897
9000775	112904
9000776	112898
9000781	111055
9000785	111127
9000786	112240
9000789	111786
9000791	111127
9000794	111698
9000795	111123
9000798	112897
9000801	111684
9000802	111127
9000804	112907

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O.E. No.	HC-CARGO
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9000805	112904
9000806	112898
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9000819	111786
9000820	111699
9000821	111786
9000822	111699
9000827	112908
9000833	112900
9000834	112906
9000836	112901
9000837	112902
9000839	112239
9000840	112239
9000841	112241
9000842	112902
9000847	112900
9000850	111699
9000851	111786
9000853	112906
9000854	112902
9000856	112899
9000857	112901
9000859	112900
9000860	112240
9000862	112904
9000863	112898
9000864	113006
9000865	112908
9000866	112906
9000871	112241
9000872	112903
9000874	112907
9000875	112905
9000876	112904
9000878	112898
9000879	112240
9000882	112898
9000884	111786
9000885	113679
9000899	112240
9000900	112908
9000910	112241
9000925	112902
9000926	112905
9000939	112902
914	111514
923	111426
94039465	113131
94052175	113131
947	112229
955	111514
96208781	111123
96208782	111684
96208783	111698
96208785	111848
96224431	111846
96224432	111708
96252115	113498
96252547	111846
96252551	111846
96255115	113498
96275481	111849
96341300	113498
96380673	111847
96404010	113349
96550792	111684
96569440	111849
A-1442	112998
CER3087	112251
DRX08378	112165
DRX67095	111982
DRX67131	110524
DRX67149	111982
X16478	111127
RENAULT	
0000434120	110585
0025841042	113465
0025841044	113466

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RENAULT	
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0028115088	111231
0028115089	111231
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5000049122	110210
5000049124	113465
5000080750	110512
5000241777	110210
5000270909	110208
5000559254	113466
5000559361	113465
5000592182	110512
5000725698	110889
5000785288	111231
5000785698	110163
5000785715	111331
5000786439	110163
5000786538	110163
5000789048	110512
5000791211	113466
5000791383	111231
5000804191	110533
5000808251	110512
5000822346	110206
5001000061	110206
5001014133	110163
5001014136	111331
5001014142	111331
5001014181	110889
5001014184	110163
5001014187	113465
5001014203	110512
5001014215	110512
5001014218	113262
5001014227	111231
5001831090	113261
5010090370	113466
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DM2120	110640
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DM2134	110640
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DM2140	110866
DM92140	110367
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O.E.M. names and numbers are used for reference purposes only.

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0214-202-0370	112504
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0350-402-0115	113130
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0350-552-0325	113130
0350-552-0326	113130
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0351-602-0413	112503
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309220	110212
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M0101PSE	112250
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PN0001A	113737
PN001/3	111646
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SSANG YONG	
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31100-62030	111310
31100-64B10	111696
31100-64B12	111696
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31100-79650	110402
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31100-79661	110402
31100-79680	110402
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31100-80092	111475
31100-80094	111475
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31100-82011	111310
31100-82016	111310
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31100-82632	111310
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31100-826A1	111310
31100-826D2	111310
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31100-83011	110394
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31100-83E00	111310
31100-84350	111561
31100-85010	111385
31100-85020	111385
31100-85291	110402
31100-85C00	110394
31100-86030	111696
31100-86032	111696
31100-860D2	111696
31100-86130	111310
31100-92330	111310
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31100-94401	112008

O.E. No.	HC-CARGO
SUZUKI	
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31100-96311	112008
31100-A83010	110394
31100-A83031	110394
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31100-M82011	111310
31100-M82012	111310
31100-M82020	111310
31100-M82021	111310
31100-W0100	113527
31400-60A00	111279
31400-60A10	111279
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31400-60AC1	111279
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31400-60B31	111279
31400-60B40	110967
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31400-60E11	111279
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31400-60G12	111779
31400-60G13	111779
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31400-71310	110258
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31400-72011	110258
31400-73J00	113755
31400-74010	110258
31400-75110	110162
31400-75F50	111779
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31400-77E20	111779
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31400-77E23	111779
31400-77E24	111779
31400-77E90	112332
31400-78010	110258
31400-78210	110258
31400-78430	110319
31400-78431	110319
31400-78432	110319
31400-79G00	111779
31400-80010	110385
31400-80011	110385
31400-80G00	111779
31400-81030	110696
31400-82110	111606
31400-82111	111606
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31400-82611	110965
31400-82630	110696
31400-82631	110696
31400-83010	110965
31400-83E00	111779
31400-85510	110696
31400-85E00	113720
31400-86010	110965
31400-86210	113087
31400-86520	111279
31400-86521	111279
31400-T85E00	113722
32A66-00101	111272
TALBOT	
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9105802308	110794
A04009880	111070

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2006.3708	111351
24.3708	111350
2406-3708	110594
37.003.084.88	111351
TECUMSEH	
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30867A	112570
30867B	112570
31562	112570
32356	112570
32386	112570
32386A	112570
32423	112570
32468	112564
32468A	112564
32468B	112564
32901	112570
33290	112569
33290A	112569
33290B	112569
33290C	112569
33290D	112569
33290E	112569
33306	112312
33328A	112570
33328B	112570
33328C	112570
33328D	112570
33329	112570
33329A	112570
33329B	112570
33329C	112570
33329D	112570
33329E	112570
33358	112570
33517	112569
33517A	112569
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33518	112570
33518A	112570
33518B	112570
33519	112570
33519A	112570
33519B	112570
33605	112312
33606	112312
33835	112313
34601	112569
34601A	112569
34601B	112569
34601C	112569
34934	113018
35053	112570
35096	112570
35251	112569
35601	112569
35601A	112569
35707	113018
35709	113018
35763	112312
35763A	112312
35765	112564
35765A	112564
36264	112565
36463	112312
36680	112312
37000	112570
37425	112566
THERMO KING	
20-44-3325	110164
25-35458-00	110246
25-35465-00	110246
27D2786G01	110487
2D72785G01	110487
2D72786G01	110487
2D72786G03	110487

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2D72787G02	110488
30-363-03	110371
3041C58G01	112249
3185C37G01	110590
3D97385G01	110487
3D97386G01	110487
3D97386G03	110487
3D97387G01	110488
3D97387G02	110488
4006D20G01	110164
4006D20G02	110164
41-5458	111216
41-6780	111216
41-6781	113716
41-7912	111216
41-7913	113716
41-7914	113716
4116D22G03	110487
4117D21G01	110177
4117D21G02	110177
44-2918	110355
44-3325	110164
44-4021	110175
44-4731	110590
44-4751	110590
44-5443	110355
44-5674	111683
44-6257	110177
44-6266	110177
44-7154	110487
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44-7156	110488
44-7376	110487
44-7924	110487
44-7925	110487
44-7927	110488
44-8091	110487
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45-1251	110486
45-1263	110820
45-1285	110494
45-1312	110485
45-1335	110485
45-1671	110820
45-1688	112371
45-1718	110485
45-220	112249
45-267	112249
45-338	112249
45-5657	111683
45-904	110486
46-237	111043
46-2663	112249
46-304	111043
46-372	111043
46-452	111043
46-462	111043
46-587	111043
46-781	111043
581100-103-0	110355
5D33839G01	111216
5D35740G01	110487
5D35741G01	110487

O.E.M. names and numbers are used for reference purposes only.

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5D35741G04	110487
5D35742G01	110488
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5D35742G03	110488
5D37920G01	113716
5D38603G01	111216
5D38604G01	113716
TOYOTA	
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00591-55973-81	111495
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27020-12012	110137
27020-12030	110137
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27020-13013	110138
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27020-13021	110139
27020-13022	110139
27020-13030	110258
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27020-13041	110251
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27020-13060	110138
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27020-13080	110138
27020-13110	110274
27020-13140	110274
27020-13160	110274
27020-13170	110274
27020-13210	110138
27020-13220	110138
27020-13240	110139
27020-13290	110138
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27020-15020	110273
27020-15021	110273
27020-15022	110273
27020-15030	110273
27020-15140	110273
27020-16030	110250
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27020-18011	110138
27020-21010	110138
27020-21011	110138
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27020-24101	110251
27020-24102	110251
27020-25010	110138
27020-25021	110138
27020-25105	110251

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27020-26022	110138
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27020-26060	110139
27020-26061	110139
27020-26063	110139
27020-26080	110138
27020-26090	110138
27020-26091	113048
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27020-26101	113048
27020-26102	113048
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27020-38014	113048
27020-38020	110139
27020-38021	110139
27020-38031	110138
27020-38040	113048

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27020-38051	113048
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27020-39020	110138
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27020-40061	110138
27020-40062	110138
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27020-41033	110138
27020-41034	110138
27020-41061	110139
27020-44030	110138
27020-44042	110138
27020-45031	110248
27020-45071	112763
27020-54021	110306
27020-54040	110306
27020-54250	111483
27020-54383	112054
27020-56110	111613
27020-56180	111484
27020-56230	111613
27020-56320	111597
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27020-60032	110407
27020-60033	110407
27020-60070	110138
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27020-72060	110248
27020-72200	110248
27020-72230	110248
27020-72240	110248
27020-78601-71	110563
27020-87102	110137
27020-87103	110137
27020-87209	110137
27020-87216	110258
27020-87507	110258
27020-87509	110258
27020-87701	110138
27020-87702	110138
27020-87705	110137
27020-96601	110563
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27030-47040	111617
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27030-54022	110306
27030-54190	111483
27030-54241	111483
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27030-54250	111483
27030-54251	112054
27030-54252	112054
27030-54253	112054
27030-54260	111483
27030-54261	111483
27030-54262	111483

O.E. No.	HC-CARGO
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27030-56012	111617
27030-56013	111617
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27030-56080	111613
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27030-56250	111613
27030-56320	111597
27030-56340	111613
27030-64050	110930
27030-64111	111615
27030-64120	111615
27030-64130	111615
27030-64140	111615
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27030-68120	111596
27030-87701	110929
27030-87702	110929
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27040-54210	111605
27040-54220	111605
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27040-54320	111601
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27040-54350	111960
27040-54370	111963
27040-54380	111963
27040-54410	111963
27040-54440	111963
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27040-64141	110686
27040-64200	111599
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27060-02040	111579
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27060-02061	112860
27060-02070	112860
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27060-03040	111468
27060-03050	111468
27060-03060	111468
27060-04010	112690
27060-0A020	113081
27060-0B010	111992
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27060-0D020	113296
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27060-10051	110628
27060-10060	110496
27060-10061	110496
27060-10070	110628
27060-10071	110628

Cross Reference List

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27060-10090	110496
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27060-11030	110681
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27060-11160	110496
27060-11170	111518
27060-11200	113636
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27060-11260	111678
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27060-11280	111518
27060-11281	111518
27060-11290	113164
27060-11320	111518
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27060-11340	111518
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27060-28030	113072
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27060-35060	113077
27060-35061	113077
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27060-43062	111428
27060-43090	111428
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27060-43111	111428
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27060-43990	110675
27060-46050	113089
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27060-46140	113089
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27060-63012	110678
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27060-64021	110685
27060-64030	110685
27060-64080	111507
27060-64100	111507
27060-64130	111598
27060-64270	112363
27060-65010	111580
27060-65020	111580
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27060-66070	113078
27060-67070	112063
27060-67110	112063
27060-70240	111439
27060-72010	110675
27060-72050	110675
27060-72060	110675
27060-72061	110675
27060-72062	111428
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27060-72100	111428
27060-72101	111428
27060-72110	111616
27060-72111	111616
27060-72120	111428

O.E. No.	HC-CARGO
TOYOTA	
27060-72121	111428
27060-72160	110675
27060-72171	110675
27060-73020	113715
27060-74010	111705
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27060-74170	111538
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27060-74190	111435
27060-74210	111435
27060-74270	111705
27060-74290	111435
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27060-74360	111468
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27060-74590	111468
27060-74630	111517
27060-74640	111468
27060-74730	111517
27060-74750	111468
27060-74830	111468
27060-75030	112358
27060-75040	113091
27060-75080	111428
27060-75100	112357
27060-75150	112357
27060-75170	113584
27060-75190	112358
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27060-78001-71	110620
27060-78003-71	110629
27060-78154-71	112358
27060-78301-71	110564
27060-78304-71	112252
27060-78305	111018
27060-78305-71	111018
27060-96001	110620
27060-YU020	113755
27070-23000-71	111017
27070-23001-71	111018
28100-01030	110713
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28100-02050	113106
28100-02060	111984
28100-02080	111984
28100-03030	111544
28100-03070	111550
28100-03100	112367
28100-05030	112336
28100-07010	113119
28100-08010	111874
28100-08040	113108
28100-0B010	112006
28100-0B020	112006
28100-0C010	111784
28100-0D010	113620
28100-0D020	113243
28100-0D030	113271
28100-0G010	112006

O.E. No.	HC-CARGO
TOYOTA	
28100-0G020	112006
28100-0H060	113810
28100-0W020	111551
28100-10020	111643
28100-10021	111643
28100-10030	110323
28100-10040	110709
28100-11010	110323
28100-11020	113121
28100-11080	113665
28100-11090	113434
28100-11150	113434
28100-11160	113649
28100-11170	113434
28100-12030	110421
28100-12040	110421
28100-13020	110153
28100-13030	110153
28100-14014	110154
28100-15010	110289
28100-15011	110289
28100-15020	110399
28100-15050	110289
28100-15060	110395
28100-15070	110290
28100-15110	110253
28100-15120	113099
28100-15130	110253
28100-15140	110395
28100-15150	110253
28100-15160	110253
28100-15170	110253
28100-15180	110253
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28100-16071	111455
28100-16080	110712
28100-16110	110713
28100-16130	110713
28100-16140	110713
28100-16150	112033
28100-16160	111455
28100-16180	111984
28100-16190	112033
28100-16210	110713
28100-16220	113106
28100-16230	111455
28100-16270	111984
28100-17010	113239
28100-17020	111679
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28100-17040	113239
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28100-20540	110152
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28100-20552-71	110411
28100-20553-71	110411
28100-20557	110411
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28100-20572	110411
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28100-21030	113314
28100-22000	110411
28100-22010	110421
28100-22011	110421
28100-22012	110421
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28100-22021	110421
28100-22022	110421
28100-22030	113339
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28100-22061-71	110490
28100-22070	113620
28100-22071	113620
28100-23010	110154

O.E.M. names and numbers are used for reference purposes only.

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TOYOTA	
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28100-23800-71	111189
28100-23810-71	110260
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28100-26120	110296
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28100-34044	110411
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28100-34090	110152
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28100-35030	110260
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28100-35060	110411
28100-35090	113108
28100-35100	113109
28100-35140	110411
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28100-60010	110252
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28100-60041	110252
28100-60042	110252
28100-60060	110252
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28100-60062	110252
28100-60070	113097
28100-62010	111446
28100-62011	111446
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28100-66050	113169
28100-66060	113169
28100-67030	113757
28100-67050	113757
28100-72010	110397
28100-72030	110397
28100-72060	110397
28100-72080	110397
28100-72100	110397
28100-74010	111446
28100-74011	111446
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28100-74021	111544
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28100-74100	111544
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28100-74140	111550
28100-74200	111463
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28100-74270	113244
28100-74280	111550
28100-74290	112367
28100-75010	111785
28100-75070	111581
28100-75090	111784
28100-75110	113174
28100-75120	113170
28100-75130	111784
28100-75140	113170
28100-76050	111556
28100-76060	111682
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28100-77090	110507
28100-87213	111455
28100-87510	111088
28100-87517	111088
28100-87700	110298
28100-87701	110159
28100-87702	110159
28100-87704	110159
28100-87706	110159
28100-87725	110298
28100-87727	110298
28100-87803	113208
TOYOTA	
28100-87883	110159
28100-89106	113214
28100-U2100-71	113108
UNIPOINT	
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ALT-0101	112076
ALT-0102	112159
ALT-0103	112561
ALT-0104	111886
ALT-0105	112757
ALT-0106	112345
ALT-0107	111987
ALT-0108	111834
ALT-0109	111146
ALT-0110	110895
ALT-1002	112824
ALT-1003	113579
ALT-1004	112834
ALT-1005	113155
ALT-1006	112824
ALT-1010	110233
ALT-1010A	110233
ALT-1010AS	113711
ALT-1010D	110233
ALT-1012	110233
ALT-1021	110508
ALT-1021B	110508
ALT-1021C	110508
ALT-1022	110075
ALT-1030	110508
ALT-1031	110471
ALT-1032	110471
ALT-1064	113580
ALT-1065	112891
ALT-1066	112895
ALT-1067	112881
ALT-1068	112879
ALT-1069	112893
ALT-1070	112884
ALT-1076	112892
ALT-1081	112894
ALT-1083	112886
ALT-1084	113581
ALT-1086	112890
ALT-1090	113578
ALT-1092	113502
ALT-1096	112888
ALT-1097	112875
ALT-1098	112980
ALT-1101	112160
ALT-1101A	112160
ALT-1200	112860
ALT-1201	112859
ALT-1202	112856
ALT-1203	110682
ALT-1208	111708
ALT-1209	113349
ALT-1210	113350
ALT-1211	111846
ALT-1213	113498
ALT-1214	112861
ALT-1300B	112643
ALT-1301A	111711
ALT-1301B	112639
ALT-1301C	112629
ALT-1302C	112661
ALT-1303B	112645
ALT-1304B	112642
ALT-1305B	111388
ALT-1308C	112644
ALT-1309A	111854
ALT-1310C	110503
ALT-1311A	111202
ALT-1311C	110499
ALT-1312C	112631
ALT-1314C	110503
ALT-1315C	110986
ALT-1316A	112662
ALT-1317A	112447
ALT-1318A	112637

Cross Reference List

O.E. No.	HC-CARGO
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ALT-1320B	111486
ALT-1320C	111390
ALT-1321C	110985
ALT-1323C	112636
ALT-1324C	112862
ALT-1325B	111220
ALT-1325C	112638
ALT-1326A	112663
ALT-1327A	111202
ALT-1328C	110502
ALT-1329C	112640
ALT-1330A	112630
ALT-1331B	110503
ALT-1332A	111389
ALT-1333A	112633
ALT-1333B	112634
ALT-1333C	110984
ALT-1334B	112338
ALT-1335B	112625
ALT-1336B	112338
ALT-1337C	110986
ALT-1338A	111854
ALT-1339B	112628
ALT-1343A	112663
ALT-1400	111392
ALT-1401	111391
ALT-1402	111712
ALT-1403	113005
ALT-1404	112616
ALT-1405	112618
ALT-1406	112614
ALT-1407	111426
ALT-1408	113159
ALT-1409	112866
ALT-1410	112165
ALT-1411	111223
ALT-1412	112615
ALT-1413	112612
ALT-1415	112613
ALT-1416	112619
ALT-1417	112865
ALT-1418	112868
ALT-1420	112665
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ALT-1423	112870
ALT-1425	112615
ALT-1426	112618
ALT-1428	112871
ALT-1429	112872
ALT-1430	113160
ALT-1431	113259
ALT-1432	112869
ALT-1433	111426
ALT-1435	112871
ALT-1436	113259
ALT-1437	113498
ALT-1440	112871
ALT-1442	112872
ALT-1447	113498
ALT-1500	112853
ALT-1501	112852
ALT-1502	112849
ALT-1503	112850
ALT-1508	112851
ALT-1509	112850
ALT-1600	112948
ALT-1601	112949
ALT-1602	112950
ALT-1603	112951
ALT-1604	112952
ALT-1605	112953
ALT-1606	112954
ALT-1607	112961
ALT-1608	112959
ALT-1610	112956
ALT-1612	110724
ALT-1615	112955
ALT-1616	112958
ALT-1700	112935
ALT-1701	112936

O.E. No.	HC-CARGO
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ALT-1702	112931
ALT-1703	112926
ALT-1704	112920
ALT-1705	111200
ALT-1705A	111200
ALT-1705B	111200
ALT-1705C	111200
ALT-1706	112933
ALT-1706A	112933
ALT-1707	112938
ALT-1708	112939
ALT-1709	112934
ALT-1710	112937
ALT-1711	112927
ALT-1711A	112927
ALT-1713	112932
ALT-1714	112962
ALT-1715	112925
ALT-1716	112919
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ALT-1718	112585
ALT-1720	112924
ALT-1720A	112924
ALT-1721	112947
ALT-1800	112928
ALT-1801	112923
ALT-1802	113236
ALT-1803	113236
ALT-1804	112940
ALT-1805	111199
ALT-1805A	111199
ALT-1806	112921
ALT-1807	112928
ALT-1808	112151
ALT-1809	112923
ALT-1810	112918
ALT-1811	112941
ALT-1812	112928
ALT-1813	112922
ALT-1813A	112922
ALT-1814	112929
ALT-1815U	113285
ALT-1815V	113285
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ALT-1819	113236
ALT-1820	113582
ALT-1901	112945
ALT-1902	112942
ALT-1903	112944
ALT-1904	112943
ALT-1905	112946
ALT-1906	112944
ALT-2030	111477
ALT-2031	111369
ALT-2033	111675
ALT-2034	111354
ALT-2035	111353
ALT-2036	111879
ALT-2037	111477
ALT-2038	111676
ALT-2039	111677
ALT-2040	111352
ALT-2042	112708
ALT-2043	111479
ALT-2044	112680
ALT-2060	111732
ALT-2061	111733
ALT-2061A	111898
ALT-2062	111991
ALT-2063	112557
ALT-2064	112557
ALT-2065	112557
ALT-2066	111427
ALT-2067C	112554
ALT-2068	113154
ALT-2069	112558
ALT-2070	112194
ALT-2071	112806
ALT-2072	111988
ALT-2073	112194

O.E. No.	HC-CARGO
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ALT-2075	112194
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ALT-2085	112539
ALT-2085V	113869
ALT-2086	112144
ALT-2087	112416
ALT-2088	112415
ALT-2090	113352
ALT-2091	113352
ALT-2092	111824
ALT-2093	112414
ALT-2110	113351
ALT-2111	113351
ALT-2121	112427
ALT-2232	111843
ALT-30101	113027
ALT-30105	113033
ALT-30201	112971
ALT-3022	111309
ALT-3024	113583
ALT-3025	113563
ALT-3028	111530
ALT-3029	111726
ALT-3031	112031
ALT-3032	113373
ALT-3033	113367
ALT-3034	113634
ALT-3035	112979
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ALT-3042	111529
ALT-3047	112328
ALT-3049	113503
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ALT-3051Z	110663
ALT-3052	111395
ALT-3052B	111395
ALT-3053	111317
ALT-3054	111264
ALT-3055	110631
ALT-3056	110802
ALT-3057	111530
ALT-3058	111611
ALT-3059	111264
ALT-3062	112975
ALT-3065	110664
ALT-3066	112969
ALT-3070	112100
ALT-3071	111959
ALT-3071C	112067
ALT-3071D	111384
ALT-3072	111807
ALT-3073	111237
ALT-3074	113029
ALT-3075	111807
ALT-3077	111375
ALT-3077D	111309
ALT-3078	111704
ALT-3086	112031
ALT-3090	113507
ALT-3091	113426
ALT-3092	112979
ALT-3093	113583
ALT-3094	113371
ALT-3095	113375
ALT-3096	113427
ALT-3097	113462
ALT-3098	113360
ALT-3099	112353
ALT-3101	113506
ALT-3105	113497
ALT-3201	112971
ALT-3205	113161
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ALT-3208	113161
ALT-3209	111381
ALT-3210	111381
ALT-3211	112981
ALT-3500	113027

O.E. No.	HC-CARGO
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ALT-3503	113463
ALT-3504	111315
ALT-3505	113033
ALT-3506	112362
ALT-3508	111806
ALT-3509	113370
ALT-3511	111381
ALT-3513	111406
ALT-3514	113566
ALT-3517	110802
ALT-3518	110804
ALT-3521	113369
ALT-3522	111406
ALT-3523A	112427
ALT-3529	113316
ALT-3700	110540
ALT-3701	110959
ALT-3702	111285
ALT-3703	113643
ALT-3704	112977
ALT-3705	113035
ALT-3716	113197
ALT-3900	113747
ALT-4026	110607
ALT-4027	111623
ALT-4028	110770
ALT-4029	110891
ALT-4030	111176
ALT-4031	111741
ALT-4032	111738
ALT-4036	110497
ALT-4040	111686
ALT-4041	112097
ALT-4050	111418
ALT-4051	111148
ALT-4207	113667
ALT-4208	111413
ALT-4210	111505
ALT-4211	111689
ALT-4212	112202
ALT-4213	111802
ALT-4214	111416
ALT-4215	112121
ALT-4216	111411
ALT-4217	111795
ALT-4218	112142
ALT-4219	112143
ALT-4220	113599
ALT-4221	111756
ALT-4222	112325
ALT-4227	113529
ALT-4228	113621
ALT-5020	111678
ALT-5021	110965
ALT-5022	110967
ALT-5024	113401
ALT-5025	110967
ALT-5027	113083
ALT-5033	113162
ALT-5034	113074
ALT-5035	110682
ALT-5036	111394
ALT-5036A	113075
ALT-5037	111429
ALT-5038	111577
ALT-5039	110677
ALT-5041	111579
ALT-5042	111193
ALT-5043	113052
ALT-5044	111191
ALT-5045	113056
ALT-5045A	113057
ALT-5046	113055
ALT-5047	113053
ALT-5047A	113054
ALT-5048	113067
ALT-5050	111428
ALT-5052	113076
ALT-5053	110680

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
UNIPOINT	
ALT-5054	111580
ALT-5055	110675
ALT-5056	113077
ALT-5058	111394
ALT-5058B	112032
ALT-5059B	113078
ALT-5059C	111517
ALT-5060	113163
ALT-5061	113164
ALT-5062	111518
ALT-5062A	111518
ALT-5064	113079
ALT-5065	113080
ALT-5066	113063
ALT-5067	111705
ALT-5069	111480
ALT-5070	111609
ALT-5086	113165
ALT-5087	113081
ALT-5088	111431
ALT-5088A	111439
ALT-5089	113089
ALT-5090	113166
ALT-5091	112101
ALT-5092	111468
ALT-5094	111018
ALT-5097	111285
ALT-5098	113584
ALT-5100	113228
ALT-5101	113227
ALT-5102	111964
ALT-5103	113094
ALT-5106	111394
ALT-5108	113612
ALT-5109	113626
ALT-5111	113627
ALT-5112	113571
ALT-5117	113628
ALT-5118	113645
ALT-5119	110683
ALT-5121	113612
ALT-5204	112583
ALT-5207	113066
ALT-5208	113065
ALT-5209	112833
ALT-5210	113606
ALT-5211	113641
ALT-5300	111048
ALT-5301	110629
ALT-5302	111048
ALT-5303	111048
ALT-5304	111048
ALT-5305	110620
ALT-5306	110620
ALT-6080	113058
ALT-6081	113058
ALT-6082	113059
ALT-6082A	111192
ALT-6083	113060
ALT-6084	113061
ALT-6085	113062
ALT-6086	113061
ALT-6087	113071
ALT-6088	113068
ALT-6090	113069
ALT-6091	113559
ALT-6095	113363
ALT-6096	113362
ALT-6100	113235
ALT-6202	113495
ALT-6203	113496
ALT-6204	113433
ALT-6205	112102
ALT-6206	113070
ALT-6208	113235
ALT-6209	113559
ALT-6210	113365
ALT-7001	111990
ALT-7150	111051
ALT-F003	112915
ALT-F005	112914
ALT-F050	112835

O.E. No.	HC-CARGO
UNIPOINT	
ALT-F051	111252
ALT-F052	112836
ALT-F053	112837
ALT-F054	112838
ALT-F055	112841
ALT-F056	112841
ALT-F057	112842
ALT-F058	112839
ALT-F059	112843
ALT-F060	112840
ALT-F061	112916
ALT-F062	112917
ALT-I032	110348
ALT-L030	110349
ALT-L032	110348
ALT-T140	112343
ALT-V002	111831
ALT-V003	111294
ALT-V004	111797
ALT-V005	111515
ALT-V007	111186
ALT-V008	111467
ALT-V009	111186
ALT-V010	111187
ALT-V011	111235
ALT-V012	112093
ALT-V013	110701
ALT-V014	111291
ALT-V015	110706
ALT-V016	111344
ALT-V017	110806
ALT-V018	111872
ALT-V019	111267
ALT-V022	112272
ALT-V023	112271
ALT-V024	111767
ALT-V031	110685
ALT-V032	111605
ALT-V033	111963
ALT-V036	112093
ALT-V038	111493
ALT-V045	113519
ALT-V046	112506
ALT1813	112922
DM-715	111861
STR-1001	110634
STR-1001A	110634
STR-1002	110635
STR-1002A	110635
STR-1005	112563
STR-1005A	112563
STR-1006	112242
STR-1006A	112242
STR-1007	112312
STR-1044	112312
STR-1045	112831
STR-1046	112566
STR-1047	112565
STR-1049	112244
STR-1051	111700
STR-1052	110510
STR-1053	110510
STR-1054	113014
STR-1055	111701
STR-1056	111702
STR-1058	111012
STR-1060	111043
STR-1061	110645
STR-1062	110241
STR-1063	110648
STR-1064	110649
STR-1065	110240
STR-1066	110644
STR-1067	110647
STR-1068	110650
STR-1069	110636
STR-1070	110949
STR-1071B	111840
STR-1343A	112663
STR-2001	110847
STR-2002	110842
STR-2003	111489

O.E. No.	HC-CARGO
UNIPOINT	
STR-2004	111010
STR-2005	111029
STR-2006	111400
STR-2007	111269
STR-2009	111030
STR-2010	111490
STR-2011	111425
STR-2012	111347
STR-2013	111270
STR-2014	111911
STR-2016	111523
STR-2017	111456
STR-2018	111680
STR-2019	111748
STR-2020	112131
STR-2021	112816
STR-2022	111749
STR-2023	110351
STR-2024	111347
STR-2025	111865
STR-2028	111347
STR-2030	112306
STR-2031	112307
STR-2032	111698
STR-2034	112817
STR-2035	112321
STR-2035A	112321
STR-2036	111750
STR-2037	111906
STR-2038	112141
STR-2039	112818
STR-2040	112819
STR-2041	112305
STR-2042	112308
STR-2044	112309
STR-2045	111769
STR-2046	111750
STR-2048	111030
STR-2049	111347
STR-2050	111065
STR-2053	112541
STR-2101	110847
STR-2102	112818
STR-2103	112818
STR-2104	111911
STR-2105	112818
STR-2106	110847
STR-2107	112005
STR-2108	111127
STR-2109	112459
STR-2110	113587
STR-2111	113613
STR-2112	111909
STR-2200	110867
STR-2201	112166
STR-2202	112820
STR-2203	111060
STR-2203A	112286
STR-2204	111851
STR-2205	112167
STR-2206	110867
STR-2207	110839
STR-2208	112820
STR-2209	111851
STR-2212	111107
STR-2214	111619
STR-2215	112295
STR-2216	111694
STR-2217	112013
STR-2218	112251
STR-2218H	112251
STR-2219	112553
STR-2220	111900
STR-2220A	112134
STR-2221	112286
STR-2222	112552
STR-2228	111865
STR-2229	111900
STR-2231	112172
STR-2232	112821
STR-2233	111724
STR-2301	112071

O.E. No.	HC-CARGO
UNIPOINT	
STR-2311	111982
STR-2351	112224
STR-2352	111910
STR-2370	111771
STR-2380	110206
STR-2381	110207
STR-2382	110208
STR-2387	110512
STR-2390	110213
STR-23905	110212
STR-2391	110210
STR-2392	111046
STR-2393	110211
STR-2394	111231
STR-2395	110214
STR-2501	112911
STR-2502	110221
STR-2503	112911
STR-2505	110221
STR-2506	112913
STR-2508	112912
STR-2509	112911
STR-2514	112909
STR-2516	110221
STR-2518	110216
STR-2519	112267
STR-2522	110216
STR-2601	112898
STR-2602	111786
STR-2603	112240
STR-2604	112904
STR-2605	112897
STR-2606	112906
STR-2607	112907
STR-2608	112908
STR-2609	113006
STR-2611	112901
STR-2612	112897
STR-2614	112905
STR-2615	112903
STR-2616	112907
STR-2617	112904
STR-2618	112902
STR-2623	112902
STR-2624	111277
STR-2660	111684
STR-2661	111848
STR-2702	112964
STR-2703	112965
STR-2705	112966
STR-2709	110225
STR-2712	110225
STR-2801	111844
STR-2802	112030
STR-2803	112584
STR-2805	111370
STR-2806	113217
STR-2807	112340
STR-2808	112235
STR-2809	113222
STR-2810	112607
STR-2812	112592
STR-2813	112606
STR-2814	113221
STR-2816	113218
STR-2817	111183
STR-2818	113220
STR-2819	112591
STR-2821	113225
STR-2822	112607
STR-2823	112646
STR-2824	113216
STR-2825	112600
STR-2826	111844
STR-2827	112590
STR-2828	112593
STR-2829	112594
STR-2830	112595
STR-2831	111374
STR-2832	111183
STR-2833	112586
STR-2834	112588

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O.E. No.	HC-CARGO
UNIPOINT	
STR-2835	112599
STR-2836	112597
STR-2837	112605
STR-2838	113226
STR-2839	112608
STR-2841	113217
STR-2843	112603
STR-2844	113223
STR-2845	111374
STR-2846	112604
STR-3001	110810
STR-3002	110811
STR-3003	110811
STR-3003B	110810
STR-3004	111241
STR-3005	110295
STR-3006	110810
STR-3007	111348
STR-3008	111762
STR-3009	111488
STR-3010	111459
STR-3011	111460
STR-3015	111485
STR-3015A	111108
STR-3016	110142
STR-3017	110277
STR-3022	111349
STR-3023	112985
STR-3024	111763
STR-3025	112844
STR-3026	111080
STR-3027	110572
STR-3028	112845
STR-3029	111696
STR-3031	111246
STR-3032	112846
STR-3033	112847
STR-3034	111699
STR-3036	111127
STR-3037	111370
STR-3038	113217
STR-3039	111396
STR-3041	111786
STR-3042	111786
STR-3045	111534
STR-3047	111465
STR-3048	110394
STR-3049	113135
STR-3050	111311
STR-3051	111563
STR-3052	113136
STR-3053	111305
STR-3054	111552
STR-3055	113044
STR-3056	111690
STR-3059	112986
STR-3061	111242
STR-3063	110810
STR-3064	113137
STR-3067	113138
STR-3069	112301
STR-3070	111451
STR-3072	113287
STR-3073	112900
STR-3074	111473
STR-3075	113229
STR-3076	113234
STR-3077	111307
STR-3080	111608
STR-3081	112580
STR-3082	113614
STR-3083	111696
STR-3087	113646
STR-3088	111451
STR-3090	113615
STR-3092	111730
STR-3093	113618
STR-3095	111459
STR-3096	111473
STR-3097	111608
STR-3098	111312

O.E. No.	HC-CARGO
UNIPOINT	
STR-3099	111034
STR-3100	112911
STR-3101	112912
STR-3102	112911
STR-3104	113638
STR-3105	113638
STR-3106	113521
STR-3109	112898
STR-3111	113041
STR-3112	110249
STR-3114	111306
STR-3117	113618
STR-3118	112241
STR-3119	113642
STR-3123	111241
STR-3301	111382
STR-3305	111382
STR-3306	111382
STR-3308	112320
STR-3309	113408
STR-3310	111971
STR-3501	113139
STR-3502	111970
STR-3503	110811
STR-3504	112368
STR-3505	113045
STR-3506	111552
STR-3507	111971
STR-3508	111305
STR-3510	113504
STR-3514	112300
STR-3515	113616
STR-3516	111242
STR-3520	113046
STR-3521	113020
STR-3522	113020
STR-3523	111730
STR-3529	110810
STR-3555	110958
STR-3556	110479
STR-3557	110808
STR-3558	113040
STR-3559	113037
STR-3560	110153
STR-3561	110158
STR-3562	110149
STR-3563	110283
STR-3564	110144
STR-3565	110395
STR-3567	110155
STR-3568	110279
STR-3569	110477
STR-3570	110152
STR-3571	110421
STR-3572	110252
STR-3573	110154
STR-3574	110152
STR-3575	110286
STR-3577	110277
STR-3578	110983
STR-3579	110394
STR-3580	110298
STR-3581	110278
STR-3593	110292
STR-3594	113505
STR-3595	110958
STR-3596	113644
STR-3600	113024
STR-3601	112214
STR-3602	113026
STR-3603	113392
STR-3604	113390
STR-3605	113400
STR-3606	113398
STR-3607	110312
STR-3608	113393
STR-3609	113409
STR-3610	113399
STR-3612	113394
STR-3614	113508
STR-3621	113648

O.E. No.	HC-CARGO
UNIPOINT	
STR-3622	113617
STR-3800	112373
STR-3801	112373
STR-3802	113661
STR-3803	113680
STR-3806	112478
STR-4200	112089
STR-4201	113153
STR-4202	110436
STR-4204	112089
STR-4220	112089
STR-4221	110436
STR-4240	112255
STR-4241	113124
STR-4290	113550
STR-4302	111000
STR-4303	110999
STR-4323	110999
STR-4340	113695
STR-4341	112169
STR-4514	111685
STR-4518	112379
STR-4600	111123
STR-4601	113122
STR-4603	111130
STR-4700	111070
STR-5001	111683
STR-5002	111525
STR-5003	111387
STR-5005	110389
STR-5006	111006
STR-5006A	111006
STR-5007	111683
STR-5009	110462
STR-5011	113132
STR-5012	111683
STR-5014	113168
STR-5015	113169
STR-5016	113170
STR-5017	113171
STR-5019	113170
STR-5022	113172
STR-5024	113171
STR-5025	113696
STR-5028	112336
STR-5118	113645
STR-5201	113173
STR-5202	113174
STR-5203	113175
STR-5204	112214
STR-5205	113024
STR-5207	113361
STR-6000	110573
STR-6001	110494
STR-6006	110820
STR-6008	110574
STR-6008A	111805
STR-6009	112371
STR-6010	110316
STR-6011	111805
STR-6012	111559
STR-6014	111506
STR-6016	112676
STR-6017	112374
STR-6018	113733
STR-6021	111136
STR-6021A	111136
STR-6023	111274
STR-6034	111272
STR-6036	113140
STR-6037A	111703
STR-6039	110578
STR-6040	111011
STR-6041	110386
STR-6046	111461
STR-6047	111273
STR-6048	111275
STR-6052	110627
STR-6053	113238
STR-6055	113428
STR-6058	111262

O.E. No.	HC-CARGO
UNIPOINT	
STR-6064	110583
STR-6066	113214
STR-6081	113239
STR-6085	113101
STR-6086	113114
STR-6088	113206
STR-6092	110942
STR-6100	110723
STR-6102	111247
STR-6103	110723
STR-6105	111247
STR-6107	113675
STR-6107A	113675
STR-6133	113194
STR-6138	110576
STR-6142	111618
STR-6143	113210
STR-6144	111913
STR-6150	110474
STR-6157	110507
STR-6160	110580
STR-6161	110581
STR-6163	110490
STR-6165	113129
STR-6168	110490
STR-6170	113130
STR-6172	111401
STR-6176	112649
STR-6182	111679
STR-6183	112822
STR-6187	113203
STR-6193	113560
STR-7002	113668
STR-7005	112275
STR-7006	112276
STR-7007	111300
STR-7012	113762
STR-7013	113703
STR-7030	112370
STR-7035	111023
STR-7036	112983
STR-7037	112103
STR-7038	110485
STR-7039	113445
STR-7040	111912
STR-7051	112267
STR-7052	110602
STR-7052W	110602
STR-7053	110590
STR-7054	111041
STR-7055	112341
STR-7056	112253
STR-7057	112267
STR-7060	110602
STR-7061	112268
STR-7063	113452
STR-7064	112268
STR-7065	110604
STR-7066	112268
STR-7067	112653
STR-7068	112341
STR-7071	110590
STR-7072	111221
STR-7073	111383
STR-7075	112667
STR-7076	112668
STR-7107	113669
STR-7108	113560
STR-7131	113195
STR-7149	111558
STR-7150	111760
STR-7158	111760
STR-7159	112269
STR-7162	111760
STR-7169	113435
STR-7177	111982
STR-7900	113672
STR-7901	113676
STR-7903	113830
STR-7904	113746
STR-8001	113108

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O.E. No.	HC-CARGO
UNIPOINT	
STR-8001A	113108
STR-8002	111492
STR-8003	111764
STR-8004	111456
STR-8006	110411
STR-8007	110713
STR-8008	113105
STR-8009	110979
STR-8010	111544
STR-8012	112582
STR-8013	111681
STR-8014	111784
STR-8015	111682
STR-8016	113402
STR-8017	110711
STR-8018	110182
STR-8019	110720
STR-8021	112213
STR-8022	113104
STR-8023	113116
STR-8024	113023
STR-8025	111442
STR-8027	113119
STR-8028	113120
STR-8030	113113
STR-8031	113106
STR-8032	111550
STR-8033	111984
STR-8034	113112
STR-8037	113024
STR-8038	113118
STR-8040	113111
STR-8041	110711
STR-8042	110711
STR-8043	111552
STR-8044	111454
STR-8048	111556
STR-8051	113115
STR-8052	113117
STR-8053	113240
STR-8054	113241
STR-8055	113242
STR-8056	111492
STR-8060	113892
STR-8063	113243
STR-8064	113244
STR-8065	111784
STR-8068	113107
STR-8072	111550
STR-8073	113619
STR-8075	113244
STR-8077	112213
STR-8078	111550
STR-8082	111551
STR-8085	112367
STR-8087	111554
STR-8089	111456
STR-8090	112547
STR-8091	112033
STR-8096	113586
STR-8102	113620
STR-8104	112545
STR-8110	110447
STR-8111	110940
STR-8260	113434
STR-8261	113665
STR-8263	111455
STR-8265	112546
STR-8267	110711
STR-8268	113314
STR-8270	113629
STR-8272	113601
STR-8274	113630
STR-8276	112546
STR-8279	113649
STR-8281	113704
STR-8282	110323
STR-9001	113131
STR-9020	113237
STR-9107	112342
STR-9113	112823
STR-9118	110944

O.E. No.	HC-CARGO
UNIPOINT	
STR-9119	111020
STR-9152	112544
STR-B001	113133
STR-B002	110844
STR-B003	112290
STR-B004	111111
STR-B007	112537
STR-B008	112533
STR-B009	111856
STR-B010	113134
STR-B012	112125
STR-B014	111996
STR-L020	112304
STR-L021	110352
UNITED TECHNOLOGIES	
0203323MO20SM	113524
0203323MO30SM	113524
0255625-M030SM	111043
0255640-MO30SM	111043
0599440	110510
0599440-M030SM	110510
0599540MO30SM	111700
0814240M030SM	110645
0996140MO30SM	110241
0996340MO30SM	110652
1079540MO30SM	112567
1122921-M030SM	110647
1122940-M030SM	110647
1146340	110510
1146340-M030SM	110510
1147840MO30SM	110649
1149540MO30SM	112828
1250740	110510
1250740-M030SM	110510
1492540MO30SM	112245
1570140MO30SM	110510
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5667140MO30SM	113017
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SM57053	110647
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SMH12A201	110510
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184470	111130
184643	111070
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186625	113307
186887	111130
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2104264	110906
2105473B	111528
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2181197	110905
2181693	110163
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2181726	111172
2181727	110905
2181730	111072
2181991	111528
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2518039	111397
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2518046	110923
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2518051	111948
2518054	112733
2518057	111651
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2518085	111179
2518086	112755
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2522104	111658
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2541466	112744
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O.E.M. names and numbers are used for reference purposes only.

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2542252	113577
2542254	112688
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2542307	113404
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2543328	111989
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2940371	111154
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310023W	111066
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310231Z	110743
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432598	110584
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433202	110794
433202	110796
433203	110794

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433223	111066
433226	110797
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433248	111347
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433249	110585
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433256	111114
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433259	111104
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433274	110772
433276	110365
433276	111585
433277	110827
433278	110338
433278	110365
433278	110826
433278	112295
433279	110352
433279	110826
433279	111106
433282	110812
433283	110608
433286	110336

O.E. No.	HC-CARGO
VALEO	
433286	111131
433287	110336
433287	110337
433287	110859
433287	111053
433287	111131
433287	111750
433289	110336
433289	110831
433289	110870
433289	111131
433289	111269
433292	110459
433292	110461
433292	112251
433293	110530
433293	110869
433293	110997
433294	110368
433295	110775
433296	110364
433297	110829
433297	111055
433297	111127
433298	110341
433298	110784
433300	111064
433301	110352
433301	111106
433303	110587
433304	110837
433305	111070
433307	111063
433309	110585
433310	111114
433310	112541
433311	110584
433311	110640
433314	111332
433315	111332
433316	110565
433318	110536
433320	110585
433320	111251
433321	111029
433321	111129
433322	111130
433322	113443
433323	111029
433324	111070
433325	111025
433326	111115
433332	112295
433333	110365
433335	111061
433336	111069
433337	110336
433339	110789
433339	111111
433340	110867
433340	112290
433341	111131
433342	111119
433343	111117
433344	110839
433346	111118
433346	111423
433347	110337
433347	111131
433347	113346
433348	110836
433348	111423
433351	110743
433352	110743
433353	110144
433353	111075
433354	110916
433358	111075
433364	111076
433364	112162
433368	111071

O.E. No.	HC-CARGO
VALEO	
433368	111659
433371	111144
433373	113839
433374	111651
433375	111651
433380	110897
433380	111155
433387	110917
433392	110745
433392	111651
433404	110745
433405	110751
433405	110992
433411	110888
433414	110915
433417	110920
433418	110920
433420	111072
433420	111162
433420	112738
433429	110754
433429	112728
433429	112733
433437	111072
433437	111172
433438	110744
433440	110754
433440	111082
433441	110905
433442	111082
433442	112298
433442	112728
433444	112726
433444	112744
433445	111162
433445	111172
433446	112739
433447	111072
433447	111163
433448	111072
433448	111171
433449	112726
433449	112744
433449	112751
433450	111144
433451	111171
433452	112755
433453	110889
433454	110993
433455	111841
433457	112162
433458	111179
433459	111325
433459	112756
433460	112752
433460	113500
433461	112752
433461	113500
433462	111171
433463	112751
433464	111330
433465	111072
433465	111162
433465	111172
433466	111319
433466	111324
433467	111171
433468	112762
433469	111175
433476	110641
433482	110349
433483	110348
433483	110350
433485	110179
433485	110969
433485	111184
433487	112162
433487	113624
433488	110905
433489	111663
436000	110772

O.E. No.	HC-CARGO
VALEO	
436000	110855
436000	111052
436001	111105
436002	111065
436002	112440
436003	111347
436004	110862
436005	110862
436006	110838
436007	110825
436007	111228
436007	112122
436007	112124
436007	112289
436008	110836
436009	110771
436010	110771
436010	110868
436011	110792
436011	112225
436012	110784
436012	110792
436013	111056
436014	110824
436014	111010
436016	110865
436017	110994
436018	110864
436019	111059
436020	111060
436021	110339
436021	111058
436021	113483
436022	110410
436022	111059
436022	111523
436022	111748
436023	110997
436024	110858
436025	111054
436025	111489
436026	110825
436026	112289
436028	111113
436029	112125
436030	110850
436030	112321
436031	112125
436032	112455
436033	112289
436034	110847
436034	111122
436034	111698
436035	110854
436035	111523
436037	110814
436037	111693
436038	111112
436039	110410
436040	112533
436041	110779
436041	110844
436042	110762
436042	111112
436042	111120
436043	112537
436044	110522
436044	113134
436045	111113
436045	113846
436046	111107
436048	111694
436049	110836
436049	111423
436049	111619
436050	112134
436051	112295
436052	110354
436052	110441
436052	112439
436053	110394

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O.E. No.	HC-CARGO
VALEO	
436055	110368
436056	111055
436056	111123
436056	111127
436058	110585
436058	113481
436059	110585
436059	113481
436060	111251
436061	111114
436061	112541
436062	110584
436064	110587
436064	111130
436065	111130
436070	111755
436072	112660
436073	110529
436073	110813
436074	110529
436074	110813
436075	112135
436076	110818
436077	110536
436077	111752
436078	110835
436078	111333
436081	110585
436081	111251
436082	111135
436083	111270
436084	110585
436085	111489
436086	110524
436089	110790
436091	113465
436095	111231
436096	113466
436097	111231
436098	111231
436100	110880
436100	110975
436100	111653
436102	110887
436102	111153
436105	110882
436105	110890
436105	111686
436109	110899
436109	111180
436111	110890
436111	110912
436111	110991
436111	111138
436112	110611
436112	110882
436112	110890
436112	110912
436112	111138
436112	111651
436112	112719
436112	112768
436113	110611
436113	110744
436113	110912
436113	111078
436113	111138
436113	112768
436114	110612
436114	111035
436114	111085
436114	111148
436117	110991
436117	111035
436118	111036
436118	111621
436120	110923
436120	111093
436120	113866
436121	110358
436121	110735
436121	110875

O.E. No.	HC-CARGO
VALEO	
436121	111138
436121	111146
436121	112098
436125	110730
436126	111093
436126	112724
436127	110875
436127	111649
436127	112098
436130	110877
436130	110887
436130	112310
436131	110877
436132	111147
436134	111147
436134	112740
436134	112748
436134	112774
436135	110876
436136	110880
436136	110987
436137	110911
436137	110975
436137	110987
436140	110178
436140	110968
436140	111185
436140	111204
436140	111834
436140	113378
436144	111184
436144	111185
436144	113378
436146	110358
436147	112727
436148	110914
436148	110972
436148	111168
436149	111086
436149	111166
436149	111656
436149	112056
436150	111166
436150	111187
436150	111467
436150	111656
436150	113376
436153	110077
436153	110914
436153	110925
436153	110974
436153	111656
436153	111767
436153	111891
436157	110974
436157	111166
436157	111178
436157	112056
436157	112775
436159	111178
436159	111656
436159	112271
436159	113377
436160	110914
436160	111168
436160	111665
436161	110914
436161	110972
436161	111168
436161	111665
436161	111800
436166	110178
436166	110179
436166	110759
436166	110969
436166	111086
436166	111289
436166	111364
436167	110178
436167	110179
436167	110612
436167	110759

O.E. No.	HC-CARGO
VALEO	
436167	110968
436167	111184
436167	111185
436167	111204
436167	111289
436169	110179
436169	111086
436169	111184
436169	111185
436169	111289
436169	111364
436170	111086
436173	111086
436173	111364
436175	110178
436179	110178
436179	110759
436179	110770
436179	111289
436179	111362
436179	112683
436180	111289
436181	110968
436181	111289
436181	111362
436184	111096
436189	110357
436189	110726
436189	110911
436189	110919
436189	110975
436189	111652
436189	111653
436189	112149
436191	110919
436191	111094
436191	111095
436191	112149
436192	110767
436192	112149
436192	112735
436193	110902
436193	111152
436194	110360
436194	111083
436194	111150
436196	110357
436196	111083
436196	111086
436197	110913
436199	110357
436199	110911
436199	110987
436199	111094
436199	111652
436199	113758
436208	110357
436208	110726
436208	110767
436208	110975
436208	111652
436208	111653
436208	113758
436211	110762
436211	110990
436211	111139
436211	113611
436212	110762
436212	110990
436212	111139
436215	110360
436215	110913
436215	111287
436219	111074
436220	110919
436223	111364
436225	111287
436228	111094
436228	111154
436228	111539
436228	112149
436230	111036

O.E. No.	HC-CARGO
VALEO	
436230	111621
436235	110612
436235	110882
436235	111148
436236	111035
436236	111148
436237	110882
436237	110890
436237	111078
436237	111686
436237	113838
436239	111620
436239	111654
436239	111686
436240	111539
436241	110912
436241	111620
436241	111668
436242	113472
436243	111620
436244	113473
436245	110612
436246	111156
436247	112749
436248	111071
436248	111659
VALEO	
436249	111661
436250	111325
436254	113485
436254	113789
436255	112769
436256	111082
436256	112795
436257	110618
436258	110618
436258	110619
436259	112762
436260	112782
436263	110970
436263	111948
436264	110107
436264	111649
436264	111948
436265	110077
436265	110641
436266	111662
436266	112098
436267	110105
436267	111649
436269	110728
436269	110735
436269	111662
436269	112098
436272	112736
436273	111355
436275	112789
436276	111328
436277	112790
436280	112808
436281	112791
436282	112783
436283	111496
436285	112678
436286	110729
436287	110971
436287	110987
436288	111799
436289	111799
436290	111149
436290	111320
436291	112729
436291	112778
436293	110913
436294	110107
436294	111074
436294	111150
436295	111169
436295	111800
436295	112056

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O.E. No.	HC-CARGO
VALEO	
436296	111287
436296	111288
436296	111652
436296	112763
436297	111166
436297	111178
436297	111686
436297	112775
436299	110896
436299	111095
436299	111288
436299	112763
436300	112740
436300	112748
436301	111170
436302	111170
436303	111161
436303	112750
436306	111085
436306	111321
436306	112753
436307	110884
436308	110921
436309	111321
436309	112463
436309	113839
436310	111321
436310	112753
436311	111149
436311	112760
436312	110768
436312	110888
436313	110744
436313	111072
436313	111156
436314	110618
436314	112754
436315	110877
436316	110769
436316	111071
436316	111144
436316	113839
436318	111144
436320	110892
436322	111173
436326	112733
436330	112683
436332	112699
436333	112687
436333	112804
436333	112809
436334	112692
436335	112707
436335	112752
436336	112292
436336	112770
436336	112787
436338	112292
436338	112776
436339	112230
436340	112298
436344	112787
436345	112753
436345	112793
436346	112781
436346	113438
436346	113439
436347	110163
436348	111331
436349	110889
436351	110743
436351	112113
436352	110163
436355	110043
436355	110076
436355	111085
436355	111834
436356	111171
436360	110889
436363	111352
436364	111352

O.E. No.	HC-CARGO
VALEO	
436366	112299
436367	111328
436371	112705
436372	113789
436373	111402
436374	111403
436374	113839
436376	112183
436378	111397
436380	112800
436382	111326
436383	112706
436385	112687
436391	111936
436392	111364
436393	111631
436394	111987
436395	111987
436398	112764
436399	110896
436399	111095
436399	112763
436400	111152
436400	111154
436400	111288
436400	112741
436400	112763
436410	112804
436412	110076
436412	111834
436414	112098
436416	111419
436416	112097
436416	112109
436417	111419
436417	111987
436418	112747
436419	110766
436420	110117
436420	110766
436421	110116
436422	110113
436422	110895
436422	111146
436423	110895
436424	110113
436424	110761
436424	110895
436424	113529
436425	111141
436426	111141
436427	110113
436427	110761
436427	110906
436428	110895
436429	110751
436429	112733
436430	111141
436431	110113
436433	111527
436433	112757
436434	111886
436434	112076
436434	112758
436435	111659
436436	110043
436436	111834
436437	110112
436437	111528
436437	112784
436438	111528
436438	111658
436439	110902
436439	112784
436440	112345
436442	111353
436442	111879
436443	111479
436443	112802
436444	111477
436445	111677

O.E. No.	HC-CARGO
VALEO	
436446	111803
436447	111301
436449	111676
436449	113885
436450	111354
436450	112529
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436451	111369
436452	111319
436453	111144
436454	112795
436455	110043
436455	111322
436455	111841
436455	112744
436455	112751
436456	110754
436456	112733
436457	111179
436458	111319
436459	111324
436461	113487
436462	111324
436462	111661
436463	111326
436465	111511
436467	112679
436469	112682
436470	111520
436471	111521
436472	111403
436472	113839
436473	111503
436474	111175
436475	111644
436476	112298
436477	112772
436478	112688
436478	112703
436479	110908
436479	111948
436480	112807
436481	111411
436483	111820
436484	111477
436484	113530
436486	112094
436488	111933
436489	112287
436490	112701
436491	112548
436496	111226
436497	111048
436498	110374
436498	110929
436499	110140
436499	110668
436500	110318
436500	110324
436501	110318
436501	110324
436502	110128
436502	110129
436502	110131
436502	110259
436502	110666
436503	110659
436503	110660
436503	110957
436503	112531
436504	110802
436505	110168
436505	110264
436505	110307
436506	110168
436506	110267
436507	110264
436507	112270
436508	110630
436510	110457
436511	110162

O.E. No.	HC-CARGO
VALEO	
436513	110423
436514	110677
436514	111429
436514	111577
436515	110675
436515	110927
436517	111577
436518	110259
436518	110267
436518	110703
436519	110676
436519	111577
436519	111578
436520	111281
436521	111578
436522	110136
436523	110271
436524	110327
436525	110137
436525	110138
436525	110139
436525	110319
436525	110374
436526	110138
436526	110139
436526	110274
436526	113048
436527	111264
436528	110631
436529	110631
436529	110671
436529	112968
436530	112270
436531	110969
436532	110251
436533	110162
436533	110248
436534	110138
436534	110139
436534	110258
436535	110273
436536	110678
436536	110681
436536	111435
436536	111705
436537	110496
436537	110678
436537	110682
436537	111705
436538	110138
436538	110496
436538	110628
436540	110250
436541	110682
436542	110689
436542	112297
436543	110658
436543	110666
436543	111297
436544	110660
436544	112531
436545	110693
436545	112970
436546	110642
436547	111361
436548	110406
436548	110664
436548	111408
436549	110134
436549	110383
436550	111236
436551	110128
436551	110267
436551	110703
436556	112745
436557	110906
436560	112732
436560	112779
436561	111670
436562	110357
436565	111629

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O.E. No.	HC-CARGO
VALEO	
436566	111629
436567	112742
436568	110113
436569	111629
436570	111629
436571	110113
436572	110116
436574	112734
436574	112785
436576	112729
436577	112779
436578	111141
436581	111174
436582	111629
436583	112343
436584	111629
436585	113611
436586	110882
436586	111418
436586	113838
436587	112453
436588	111146
436589	112814
436590	112803
436591	112159
436592	110931
436598	110876
436599	111327
436607	113868
436608	110274
436609	110802
436610	110804
436611	111532
436612	112704
436613	112688
436614	112695
436615	112695
436617	111531
436618	112696
436619	111788
436620	111160
436621	111151
436625	111149
436626	112734
436626	112785
436627	113576
436629	111149
436630	110904
436631	113864
436632	112812
436633	112234
436633	112729
436633	112765
436635	112681
436636	111498
436638	113382
436640	111478
436641	111776
436642	111318
436648	111513
436649	111512
436650	111987
436651	111936
436652	112758
436653	112557
436654	113604
436655	111873
436656	112463
436661	111511
436662	112679
436664	110163
436665	111947
436666	112711
436667	111369
436668	113485
436669	112467
436673	111720
436674	111720
436675	111946
436676	111397
436677	111935
436679	111941

O.E. No.	HC-CARGO
VALEO	
436680	111886
436680	112076
436680	112758
436682	113864
436683	111426
436683	111732
436684	112229
436685	111427
436686	112725
436687	111289
436688	112761
436689	112780
436690	112725
436693	110770
436694	112238
436697	112463
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436749	111944
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437137	112058
437138	113603
437139	112480
437140	111722
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437149	110128
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437156	110706
437158	111611
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437161	110319
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437172	113406
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437210	112461
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437341	112397
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437345	112648
437347	112458
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455979	112306
455982	113254
455983	112218
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893633	110540
94170X	110367
94612K	111066
94955E	112651
95675	110774
96239B	110794

O.E.M. names and numbers are used for reference purposes only.

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AB180128	111309
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AB190058	111405
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AD165202	111929
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AF175363	113330
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AF190216	113519
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APR155BA	110706
APR165AA	110806
APR225AA	111344
AR150AA	110959
AR150BA	110959
AR150CA	110540

O.E.M. names and numbers are used for reference purposes only.

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D7R53	112475
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D8E147	110822
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D8E153	110339
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D8E54	110856
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D8E74	110856
D8E76	110793
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D9E167	110336
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D9E37	110795
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D9E40	110783
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D9E44	110837
D9E45	110790
D9E46	110866
D9E48	110587

Cross Reference List

O.E. No.	HC-CARGO
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D9E852	111063
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HA175160	111343
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NA422	111324
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NA433	112292
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NA553	110889
NA557	112557
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ND002	110365
ND007	111106
ND010	110797
ND011	110793
ND011	111066

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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ND025	112295
ND034	111109
ND034	111125
ND036	111114
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ND039	111116
ND040	110837
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ND045	110795
ND045	111064
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ND046	110796
ND046	111068
ND047	110860
ND047	111063
ND048	110774
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ND048	110835
ND049	110856
ND050	111100
ND051	110829
ND052	110790
ND053	111070
ND055	111115
ND057	110367
ND057	110866
ND058	110585
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ND061	110336
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ND064	110340
ND065	110410
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ND070	110835
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ND078	110354
ND079	110439
ND086	112541
ND091	110338
ND094	111055
ND095	111056
ND096	111058
ND108	110584
ND109	111129
ND110	110584
ND111	110587
ND111	111130
ND113	111334
ND114	110585
ND119	110365
ND121	111251
ND122	110394
ND123	111070
ND124	111052
ND127	110837
ND128	111029
ND129	111029
ND130	110585
ND131	110584
ND134	111123
ND135	111065
ND136	111251
ND137	111111
ND137	112295
ND138	111070
ND138	113307
ND139	113307
ND140	111015
ND141	110410
ND141	111059
ND145	110585

O.E. No.	HC-CARGO
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ND156	111251
ND158	112289
ND159	111422
ND160	111347
ND162	111851
ND162	112440
ND163	112295
ND164	113605
ND165	111641
ND169	112295
ND170	111698
ND171	111251
ND172	112227
ND204	111070
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ND212	110584
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ND215	111905
ND216	112218
ND217	111508
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SG10B011	112473
SG10B019	112458
SG10B021	112480
SG10B022	112469
SG10B023	113246
SG10S028	113748
SG10S034	113748
SG10S036	113748
SG10S044	113748
SG12B010	113882
SG12B011	113751
SG12B012	112397
SG12B015	112002
SG12B017	112471
SG12B018	113283
SG12B024	113835
SG12B025	113751
SG12B029	112193
SG12B030	113245
SG12B038	113248
SG12B039	112472
SG12B040	113247
SG12B042	112002
SG12B047	113878
SG12B049	112397
SG12B050	113248
SG12B054	113751
SG12B055	113249
SG12B060	113302
SG12B068	113245
SG12B071	112471
SG12B072	113245
SG12B074	113882
SG12B075	113878
SG12B080	112472
SG12B089	113862
SG12B090	112002
SG12B095	113248
SG12B096	112471
SG12B097	113245
SG12B105	113862
SG12B108	113248
SG12B110	112471
SG12B122	113245
SG12S019	111944
SG12S034	113748
SG12S070	113800
SG12S072	113800
SG12S084	113800
SG12S114	113799
SG14B011	113252
SG14B012	113510
SG14B013	113510
SG14B017	113871
SG15L012	113251

O.E. No.	HC-CARGO
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SG15S021	112460
SG15S022	112460
SG15S024	113640
SG15S030	112468
SG7S010	112199
SG7S012	113403
SG7S013	112199
SG7S014	112058
SG7S015	113405
SG7S016	113250
SG7S020	113879
SG7S021	111990
SG7S024	112058
SG7S028	113577
SG8B010	112398
SG8B016	112273
SG8B017	113870
SG8B020	113603
SG8B021	113575
SG8B022	113872
SG8B023	113253
SG8B026	113253
SG9B010	112399
SG9B011	112399
SG9B013	111989
SG9B015	112079
SG9B017	112396
SG9B018	113887
SG9B024	112274
SG9B027	112399
SG9B029	111873
SG9B033	112144
SG9B037	111967
SG9B039	111943
SG9B042	112396
SG9B048	113253
SG9B050	113871
SG9B055	113887
SG9B059	111989
SG9B063	113575
SG9B064	113872
SG9B066	113575
SG9B067	113872
SG9B078	112079
SG9B087	111989
TA00023301	111710
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TA000A07401	111406
TA000A08101	111787
TA000A08801	112100
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TA000A48402	113600
TA000A55601	113791
TA000A56901	113331
TA000A61201	113331
TA000A62401	113792
TA000B0261	110803
TA000B08001	110956
TA000B13001	111710
TA000B16701	110664
TA000B28101	111710
TA000B33801	110802
TA0B09601	110540
TC15C020	113640
TG11C011	112457
TG11C014	113874
TG11C048	113861
TG13S022	113798
TG15C012	113881
TG15C020	113640
TG15C022	113755
TG15C028	113640
TG15C038	113881
TG17C010	113896
TG17C048	113896
TG7S010	113405

O.E. No.	HC-CARGO
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TG8S012	113720
TG8S013	113720
TG8S017	111718
TG8S025	111718
TG9B024	113575
TG9B025	113872
TG9B043	113405
TG9C013	113883
TG9S010	113722
TG9S015	113722
TG9S016	113722
TG9S021	113722
TG9S022	113722
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TM000A03801	110810
TM000A03901	110149
TM000A04101	111241
TM000A04201	111305
TM000A04301	111242
TM000A04801	111246
TM000A05101	110810
TM000A06001	110576
TM000A06701	110389
TM000A07101	111196
TM000A07901	111306
TM000A08401	111307
TM000A08701	113129
TM000A13701	113638
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TM000A14401	113020
TM000A15701	111851
TM000A21901	113141
TM000A23501	111849
TM000A24301	111786
TM000A27301	113659
TM000A28901	113727
TM000A29001	113735
TM000A31001	112322
TM000A31201	113796
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TM000A34101	113445
TM000A35301	111849
TM000A36101	113445
TM000A37201	113659
TS10E5	112218
TS18E1	113842
TS18E3	113841
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VA100	110968
VA100	111185
VA101	110179
VA101	110969
VA102	110178
VA102	110612
VA102	110770
VA102	110968
VA102	111185
VA102	111289
VA102	111362
VA103	110969
VA103	111086
VA103	111289
VA103	111364
VA103	111366
VA104	110759
VA104	110968
VA104	111086
VA104	111289
VA104	111362
VA104	111364
VA104	113574
VA105	111185
VA105	113378
VA106	110770
VA106	111362
VA106	111364
VA106	111366
VA107	110179
VA107	110969
VA107	111184
VA107	111364

Cross Reference List

O.E. No.	HC-CARGO
VALEO	
VA108	110921
VA109	110907
VA109	111076
VA109	111173
VA109	112162
VA110	110770
VA111	110178
VA111	110179
VA111	110759
VA111	110968
VA111	111184
VA111	111185
VA111	111204
VA111	111289
VA112	110178
VA112	111185
VA112	111289
VA113	110916
VA113	111075
VA114	111166
VA114	111656
VA115	110914
VA115	110972
VA115	111168
VA115	111665
VA116	110972
VA116	111168
VA116	111665
VA116	111800
VA117	110360
VA117	111150
VA119	110891
VA119	111289
VA120	110350
VA121	110179
VA121	110969
VA121	111086
VA122	113474
VA123	110360
VA123	110913
VA123	111083
VA123	111287
VA124	111075
VA125	110916
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VA128	110357
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VA128	111652
VA128	111653
VA129	110915
VA130	111071
VA130	111659
VA131	110744
VA131	111072
VA131	111163
VA131	112733
VA132	110358
VA132	110730
VA132	110735
VA132	110890
VA132	110968
VA132	111100
VA133	112725
VA133	112730
VA133	112759
VA135	111738
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VA138	112310
VA140	110770
VA140	111355
VA140	112238
VA141	110365
VA141	110913
VA141	111083

O.E. No.	HC-CARGO
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VA143	110889
VA144	111036
VA144	111621
VA145	111144
VA147	111651
VA147	111948
VA150	110993
VA151	110360
VA151	111083
VA153	110367
VA153	112298
VA153	112726
VA153	112744
VA154	112744
VA155	110913
VA155	110919
VA155	110975
VA155	111652
VA155	112098
VA159	110972
VA159	111168
VA159	111800
VA159	112056
VA162	110890
VA162	110897
VA162	111155
VA162	111156
VA163	111166
VA163	111187
VA163	111467
VA163	111656
VA163	113376
VA164	110743
VA165	110969
VA165	112128
VA166	110612
VA166	111035
VA166	112719
VA166	113473
VA167	110974
VA167	111178
VA167	112775
VA168	110974
VA172	110729
VA172	110971
VA173	111082
VA173	112728
VA174	110891
VA174	110968
VA174	111204
VA175	110178
VA175	110759
VA175	110969
VA175	111086
VA175	111184
VA175	111289
VA180	110743
VA181	111085
VA181	112753
VA182	111362
VA187	110077
VA187	110357
VA187	110767
VA187	111652
VA187	111653
VA187	112745
VA188	110884
VA189	111841
VA190	110888
VA191	110992
VA191	111289
VA194	111157
VA195	110896
VA195	111095
VA195	111171
VA195	111287
VA196	110925
VA196	110974
VA196	111166
VA196	111178
VA196	111180

O.E. No.	HC-CARGO
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VA196	111767
VA196	111891
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VA200	110925
VA200	110974
VA200	111841
VA202	111094
VA202	111174
VA202	111668
VA202	112149
VA202	112735
VA203	111078
VA206	110917
VA207	110349
VA208	110744
VA209	111082
VA209	112728
VA211	110920
VA211	112728
VA211	112733
VA212	111289
VA214	111166
VA214	111169
VA214	111800
VA214	112056
VA215	112056
VA216	111166
VA217	111173
VA217	112162
VA218	110137
VA218	110138
VA218	110139
VA218	110274
VA219	110129
VA219	110259
VA220	110128
VA220	110264
VA220	110418
VA221	110168
VA221	110264
VA222	110140
VA222	110318
VA222	110668
VA223	110140
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VA224	110138
VA224	110139
VA224	110251
VA224	110407
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VA226	110129
VA226	110168
VA226	110267
VA226	110307
VA226	110458
VA227	110134
VA227	110136
VA227	110383
VA228	110271
VA229	110134
VA229	110383
VA230	111359
VA231	111176
VA231	113624
VA232	111741
VA233	110407
VA233	111741
VA234	111360
VA235	111361
VA236	110348
VA237	110385
VA238	111578
VA239	111157
VA240	110489

O.E. No.	HC-CARGO
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VA243	110496
VA243	110628
VA243	110678
VA243	110681
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VA244	110248
VA245	111364
VA245	112725
VA246	110968
VA247	110642
VA248	110607
VA248	111362
VA248	111743
VA248	111754
VA249	110630
VA250	110927
VA251	112297
VA252	110664
VA253	110693
VA256	110607
VA256	111539
VA256	111754
VA256	112149
VA258	112790
VA259	110607
VA259	111754
VA261	111147
VA261	112740
VA261	112748
VA262	110876
VA263	111093
VA263	111149
VA264	110923
VA264	111093
VA265	110754
VA265	112733
VA266	111325
VA266	112756
VA267	111144
VA267	112749
VA268	110306
VA269	110902
VA269	111152
VA269	111154
VA270	111160
VA271	111321
VA274	110357
VA274	110880
VA274	110975
VA274	111653
VA275	110887
VA275	111153
VA276	110990
VA277	110248
VA277	111161
VA277	112750
VA280	112683
VA281	112687
VA282	112800
VA283	112754
VA284	111076
VA284	112162
VA285	112299
VA286	112292
VA286	112770
VA286	112776
VA286	112787
VA287	112230
VA288	112762
VA290	110618
VA291	110619
VA292	112753
VA292	112762
VA292	112787
VA292	112793
VA293	112781
VA293	113438
VA295	112298
VA296	112782

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
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VA298	111148
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VA300	111620
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VA300	111686
VA301	110611
VA301	110882
VA301	110890
VA301	110912
VA301	110991
VA301	111138
VA301	111620
VA301	112719
VA301	112768
VA303	111620
VA304	111654
VA304	112771
VA305	111411
VA306	110423
VA306	110882
VA307	112681
VA308	111498
VA309	111356
VA309	111364
VA310	111176
VA310	111293
VA311	112759
VA313	111368
VA314	111577
VA315	110680
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VA320	111297
VA322	110327
VA323	111176
VA324	110891
VA325	110631
VA326	110358
VA327	110660
VA328	112531
VA330	110265
VA331	111264
VA332	110631
VA333	111644
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VA335	111318
VA336	113604
VA338	112688
VA338	113485
VA339	112703
VA340	110905
VA341	112701
VA342	112751
VA343	110628
VA343	111322
VA343	112744
VA344	113789
VA345	112752
VA345	113500
VA346	111171
VA349	112769
VA350	112795
VA352	111511
VA353	112679
VA355	112682
VA356	111520
VA357	111521
VA358	112790
VA360	112791
VA361	111496
VA362	112705
VA363	111799
VA364	111353
VA365	111477
VA366	111352
VA367	111479
VA368	112727

O.E. No.	HC-CARGO
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VA376	111170
VA377	112229
VA378	111187
VA378	111467
VA380	110913
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VA381	111074
VA381	111150
VA382	111154
VA382	111288
VA382	111652
VA382	112735
VA382	112763
VA383	111288
VA383	112741
VA383	112763
VA384	111287
VA384	112162
VA386	112695
VA387	111513
VA388	111512
VA390	111317
VA391	111354
VA391	111369
VA392	111354
VA392	112529
VA393	112056
VA98	110178
VA99	110179
VA99	110969
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VS103	110585
VS104	110354
VS104	110440
VS104	110441
VS104	112439
VS106	110337
VS106	111053
VS106	111123
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VS107	110771
VS107	110831
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VS109	111103
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VS117	110587
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VS124	110831
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VS126	111058
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VS131	110792
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VS141	110771
VS141	110868
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VS153	110340
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VS158	110410
VS162	110830
VS162	111101
VS162	111110
VS163	110794
VS164	110524
VS166	110827
VS167	110410
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VS168	112541
VS169	110352
VS169	110826
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VS174	110996
VS175	110994
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VS179	111865
VS181	110339
VS181	111058
VS182	110365
VS183	110624
VS184	110410
VS186	112295
VS187	111055
VS188	110821
VS189	110858
VS192	111111
VS193	110363
VS194	110512
VS194	110859
VS195	110839
VS197	110394
VS197	110837
VS201	110779
VS201	113574
VS202	110783
VS204	110160
VS204	111054
VS204	111489
VS205	111055
VS205	111123
VS205	111127
VS206	110860
VS206	111063
VS207	110336

O.E. No.	HC-CARGO
VALEO	
VS207	111131
VS207	111269
VS208	110851
VS209	110142
VS210	110144
VS211	110152
VS211	110153
VS211	110395
VS212	110308
VS215	110278
VS217	110145
VS217	110146
VS217	110297
VS218	110279
VS219	110149
VS219	110808
VS220	110286
VS222	110310
VS223	110658
VS223	113380
VS224	110421
VS224	111475
VS225	110402
VS225	111385
VS226	110152
VS226	110157
VS226	110158
VS226	110315
VS226	110321
VS226	110479
VS227	112455
VS228	110249
VS228	110312
VS229	110317
VS230	110149
VS230	110157
VS230	110808
VS230	111310
VS231	110410
VS231	110785
VS231	111059
VS232	110365
VS233	110397
VS233	110489
VS234	110465
VS235	111030
VS236	110584
VS237	111006
VS238	110589
VS239	110847
VS239	111122
VS240	110153
VS240	110323
VS240	110709
VS240	111749
VS241	111228
VS243	111865
VS244	111608
VS246	110351
VS247	110312
VS247	111442
VS249	110862
VS249	111347
VS249	111911
VS251	110522
VS251	113134
VS254	111059
VS255	111060
VS259	111214
VS261	111750
VS262	110867
VS262	112290
VS263	111131
VS264	111131
VS265	111030
VS267	111052
VS270	112295
VS271	110869
VS271	110997
VS272	110584
VS274	112319
VS275	110823

Cross Reference List

O.E. No.	HC-CARGO
VALEO	
VS276	111104
VS276	111131
VS277	110850
VS277	112321
VS278	110865
VS279	111029
VS281	111115
VS283	111070
VS284	111029
VS284	111129
VS285	111070
VS286	110352
VS286	111106
VS287	111422
VS288	110825
VS288	112289
VS289	111423
VS291	111619
VS292	111421
VS293	110812
VS294	110337
VS295	110789
VS295	111111
VS296	111030
VS297	110842
VS297	111981
VS298	110842
VS300	110322
VS300	111458
VS301	111543
VS302	110814
VS302	111693
VS303	110807
VS305	110808
VS306	110810
VS307	111065
VS308	111851
VS309	110862
VS310	113389
VS312	111441
VS312	111728
VS314	111312
VS316	111130
VS317	112214
VS318	111251
VS319	111251
VS320	110585
VS321	111063
VS321	111251
VS322	111333
VS325	110835
VS326	112295
VS327	111135
VS328	111270
VS329	111748
VS330	110836
VS330	111423
VS333	110394
VS334	110404
VS334	113097
VS336	110290
VS336	110395
VS338	110152
VS339	111136
VS340	111749
VS343	111069
VS344	111489
VS345	111251
VS346	112125
VS371	113745
VALMET	
835330965	113484
83646400	113901
83646500	113570
836640927	112556
836666039	113610
836666226	113610
836666721	113610
836673290	113570

O.E. No.	HC-CARGO
VALMET	
836873290	113570
VENDOR	
A000B0431	110540
VISTEON	
20-100-01011	112251
20-150-01006	113709
9J	112943
BF	112946
CA	112949
CC	112948
CE	112947
CJ	112960
CL	112952
CM	112958
CN	112959
CT	112956
CV	112951
CW	112947
CY	112954
CZ	112955
DE	112950
DH	112958
DK	112961
DP	112957
KD	112940
KJ	112940
PZ	112933
RC	112962
ZQ	112941
VM	
3.852.2236F	110890
VOLKSWAGEN	
001911023	111823
003911023A	111099
003911023B	111099
00A903025	111903
00A903025A	111902
012911023	111868
020911023	111748
020911023A	111748
020911023AX	111748
020911023B	112286
020911023F	111909
020911023J	111748
020911023L	111748
020911023M	111748
020911023N	111748
021903017	111353
021903017A	111477
021903020DX	110358
021903023J	111353
021903023L	111733
021903023Q	111677
021903025	111879
021903025B	111991
021903025C	113885
021903025F	113530
021903025G	112709
021903025H	113530
021903025J	113530
021903026A	113884
022903028A	113884
023903023	111353
023903023B	111353
023903025R	111733
025903017	111174
025903023A	111174
025903023B	111539
025911023	113847
025911023A	113847
025911023AX	113847
026903015	112149

O.E. No.	HC-CARGO
VOLKSWAGEN	
026903015A	112149
026903015D	112149
026903015DX	112149
026903015E	112149
026903015EX	111094
026903017	112149
026903017A	112149
026903017AX	111094
026903017X	112149
026903023A	112149
026903023B	112149
026911023	110865
026911023A	110340
026911023B	110865
026911023C	112321
026911023E	110850
026911023F	110850
026911023G	112321
026911023X	110865
027903015	111160
027903015A	111161
027903015C	111161
027903015X	111160
027903017	111161
027911023X	113844
028903018	111353
028903018B	111988
028903018C	111733
028903018CX	111733
028903018F	111676
028903023A	110726
028903023B	110726
028903023C	110357
028903023D	112234
028903023E	111676
028903023F	112451
028903025	110357
028903025C	113885
028903025CX	113885
028903025E	111676
028903025G	111352
028903025H	111353
028903025P	111479
028903025Q	111477
028903025QX	111477
028903025R	111733
028903025S	111988
028903026A	111858
028903026B	111825
028903026E	112148
028903026G	111828
028903027E	113770
028903027L	111820
028903027M	112717
028903027N	111899
028903027P	111898
028903028	113770
028903028C	112075
028903028D	111989
028903028E	112002
028903028F	112045
028903028G	111820
028903028J	111884
028903028L	112710
028903028P	112042
028903029A	112396
028903029B	112397
028903029D	112396
028903029E	112397
028903029G	112002
028903029M	113406
028903029Q	113252
028903029R	113252
028903029S	112396
028903029T	112396
028903031	112397
028903031A	112397
028911028L	112710
02A911023	111751
02A911023A	111751
02A911023B	112134

O.E. No.	HC-CARGO
VOLKSWAGEN	
02A911023C	112166
02A911023D	112131
02A911023DX	112131
02A911023E	112131
02A911023F	111749
02A911023G	112133
02A911023H	112166
02A911023J	111900
02A911023JX	111900
02A911023L	112005
02A911023Q	112166
02A911023R	111900
02A911023T	111749
02A911024	111900
02A911024B	111900
02A911024D	111900
02A911024G	111900
02A911024X	111900
02A911203	112131
02B911023B	112306
02B911023D	113387
02B911023E	112444
02B911023L	113387
02E911023H	113509
02M911023A	112429
02M911023C	112429
02M911023F	112429
02M911023G	113773
02M911023M	113773
02M911023N	113841
02M911023P	113841
02M911023Q	113678
02T911023C	112438
02T911023G	113515
02T911023H	112438
02Z911023F	113842
02Z911023H	113842
030903023	111095
030903023A	111352
030903023B	111352
030903023BX	111352
030903023C	111479
030903023D	111352
030903023DX	111352
030903023E	111352
030903023F	111479
030903023FX	111479
030903023J	111989
030903023M	113887
030903029A	113887
031903017C	112741
031903023	111154
031903023B	112741
031903023C	112741
031903023D	111154
034903015B	111161
034903015J	111539
034903015Q	111161
034903015T	112750
034903016A	112750
034903016B	111161
034903016D	112750
034903016G	112750
034903016N	113867
034903017	111161
034903017X	111161
034911023	111010
034911023A	111010
034911023X	111010
035903015	110911
035903015A	111139
035903015B	110987
035903015D	110990
035903015E	111139
035903015G	110990
035903015K	110357
035903015L	111652
035903015M	110762
035903015N	111139
035903015P	110990
035903015Q	110990

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
VOLKSWAGEN	
035903016C	110990
035903017	110990
035903017A	112729
035903017AX	112729
035903017X	110990
035911023	110824
035911023A	110824
035911023B	110824
035911023C	110824
035911023D	111010
035911023E	110824
035911023F	110824
035911023J	110824
035911023L	111010
035911023M	111010
035911023N	111010
035911023O	111010
035911023Q	111010
035911023X	110824
036903017	110913
036903017A	110360
036903017AX	110360
036903017B	110913
036903017C	111150
036903017CX	111150
036903017E	111074
036903017EX	111074
036903017F	111152
036903017FX	111152
036903017H	112763
036903017HX	112763
036903017J	110896
036903017JX	110896
036903017K	111288
036903017KX	111288
036903017L	111095
036903017LX	111095
036903017X	110913
036903021	111288
036903023	110360
036903023A	111083
036903023AX	111083
036903023B	110360
036903023C	110360
036903023D	110913
036903023E	110913
036903023F	110360
036903023G	110913
036903023H	110913
036903023K	110913
036903023L	110360
036903023M	110913
036903023N	110360
036903023NX	110360
036903023P	110913
036903023PV	111083
036903023PX	110913
036903023R	111074
036903023S	110896
036903023SX	110896
036903023T	111074
036903023TX	111074
036903023X	110360
036903024A	113875
036903024D	113874
036903024H	113874
036903024J	113874
036903025	112763
036903025A	111288
036903025B	112763
036903025D	111083
036903025E	110913
036903025F	111083
036903025G	110913
036903025K	110896
036903025L	111288
036903025M	111152
036903025N	111095
036903025P	110896
036903025Q	111288
036903025QX	111288
036903025S	112763
VOLKSWAGEN	
036903027	112763
036903027B	112763
036903027D	112763
036903027E	111288
036903027G	111288
036911023	110339
036911023A	110339
036911023B	110339
036911023D	110339
036911023E	111058
036911023F	110339
036911023G	111058
036911023H	111058
036911023J	110339
036911023K	111058
036911023M	111058
036911023N	111058
036911023S	112307
036911023X	110339
036911025B	112307
037903023E	111477
037903023F	111733
037903023G	111477
037903023P	112149
037903023Q	111353
037903025B	111878
037903025C	111820
037903025D	111857
037903025E	112075
037903025F	113887
037903025G	113870
037903025H	112408
037903025J	112273
037903025M	112274
037903025N	113870
037903025Q	112273
037903026C	113887
037911023	111059
038903018A	112274
038903018B	112402
038903018C	112408
038903023H	112543
038903023K	113340
038903023L	112079
038903023S	112002
038903025A	112401
038903025M	113888
039903025B	112763
039903027C	111288
039911023	111099
03C903023G	113861
03D903025D	113253
03D903025E	113253
03D903025H	113253
03D903025J	113253
040903015G	110911
043903023B	111096
043903023C	111096
043903023D	111096
043903023G	111096
043903025A	111096
045903023B	113873
045903025B	113873
045903026C	113887
046903015	113758
046903015A	110911
046903015B	110987
046903015D	112777
046903015F	113758
046903017A	110911
046903017AX	110911
046903023H	111652
046906015B	110987
046911023	110824
046911023B	112537
046911023X	110824
047903015	111139
047903015H	112274
047903015P	113783
047903015Q	112419
047903017	112419
047911023C	112388
VOLKSWAGEN	
047911023G	112388
049903015	110357
049903015C	110911
049903015D	110357
049903015E	110357
049903015F	113758
049903015FX	113758
049903015G	110911
049903015GX	110911
049903015H	112747
049903015J	111652
049903015L	111652
049903015T	110911
049903017A	110919
049903017C	110919
049903017CX	110919
049903023B	110911
049903023E	111653
049903023F	111653
049903023FX	111653
049903023G	111652
049903023H	111652
049903023HX	111652
049903023J	111653
049903023K	111652
049903023L	110357
049903023M	110990
049903023R	110919
049903023T	110919
049903023TX	110919
049903027F	110919
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049911023E	110340
049911023G	110865
049911023H	110865
050903015B	112712
052903015	110360
052903015A	111083
052903017	110360
052903017A	111083
052903017X	110360
052903023	110360
052911023	110339
052911023A	110339
053911023	112321
053911023A	112321
053911023B	112321
054903015	112750
054903015C	112806
054903015K	112806
054903015L	112777
055903023	110360
055903023A	111083
055903023B	110726
055903023BX	110726
055903023C	110357
055903023CX	110357
055903023D	111652
055903023G	110357
055903023S	111653
055911023A	110864
055911023B	110410
055911023BX	110410
055911023D	110785
055911023E	111059
055911023F	111059
055911023G	111523
055911023GX	111523
055911023H	111059
055911023HX	111523
055911023J	111059
055911023JX	111523
055911023K	111059
055911023KX	111523
055911023L	111059
055911023M	111059
055911023MX	111523
055911023R	111059
056903015A	110726
056903015B	110357
056903015C	110987
056903015H	111652
VOLKSWAGEN	
056911023	110340
056911023A	110340
056911023B	110340
056911023C	110340
056911023D	110340
058903015A	110357
058903016	113783
058903016A	111478
058903016B	111478
058903016C	113867
058903016D	111772
058903016E	111478
058903016X	113783
058903018	113783
058903018A	111478
058903018B	111478
058903018C	113867
058911023A	110997
058911023B	112321
058911023F	112433
059903015C	110726
059903015D	110357
059903015E	110726
059903017D	110357
059903017DX	111652
059903017E	110726
059903017G	110726
059903017H	110987
059911023C	110997
059911023E	110824
059911023F	110997
059911023H	111995
060903017	111652
060903017A	111653
060903017AY	110726
060903023	110726
060903023A	110357
060911023	110997
061903023	110726
061903023A	110357
063903015	111139
063903017	111139
063903017X	111139
068903017	110767
068903017A	110360
068903017B	110913
068903017D	110762
068903017E	110990
068903017F	110913
068903017G	111150
068903017H	111074
068903017K	111288
068903017L	111154
068903017M	111287
068903017N	111094
068903017P	112729
068903017Q	112765
068903017R	110902
068903017S	112735
068903017SX	112149
068903017T	111154
068903017TX	111154
068903017X	110767
068903018B	112729
068903018P	112729
068903023B	110360
068903023C	110913
068903023F	110913
068903023G	111652
068903023J	111653
068903023K	111150
068903023L	110360
068903023N	110913
068903023R	111074
068903023T	112729
068903025	110360
068903025A	110913
068903025C	110767
068903025F	111652
068903025G	110762
068903025H	110990
068903025P	111652

Cross Reference List

O.E. No.	HC-CARGO
VOLKSWAGEN	
068903025Q	110360
068903025T	111652
068903027A	111150
068903027B	111074
068903027C	111150
068903027H	110919
068903027P	110767
068903029A	112729
068903029C	112234
068903029D	112729
068903029E	112234
068903029F	112729
068903029G	112729
068903029K	112765
068903029M	112729
068903029N	112729
068903029P	112729
068903029Q	112234
068903029R	112735
068903029S	111094
068903029T	110902
068903031	111154
068903031A	111152
068903031B	111288
068903031D	111287
068903031E	111152
068903031F	111152
068903031G	110902
068903031H	111154
068903031J	112735
068903031K	111094
068903031L	111287
068903031Q	112799
068903033B	111094
068903033E	112234
068911023A	110777
068911023AX	110368
068911023DX	111060
068911023E	110996
068911023EX	111060
068911023G	111060
068911023GX	111060
068911023JX	111060
068911023L	110994
068911023M	111069
068911023MX	111060
068911023S	111694
068911023SX	111694
068911023T	112286
068911023TX	112286
068911024B	111694
068911024C	111694
068911024F	111694
068911024G	111694
068911024H	112443
068911024T	111694
069903017A	112729
069903023B	110762
069903023C	110990
069903023D	112729
069903023F	111094
069903023G	112729
069903023H	112729
069911023	111112
069911023A	111112
069911023B	111120
069911023C	112537
069911023D	112537
069911023E	112221
069911023F	111855
069911023H	112014
069911023J	112430
069911023L	112221
069911023M	112430
069911023V	111112
06B903016	112398
06B903016A	112399
06B903016AD	113882
06B903016AE	113878
06B903016C	112398
06B903016D	112399

O.E. No.	HC-CARGO
VOLKSWAGEN	
06B903016E	113882
06B903016F	113283
06B903016P	113878
06B903016S	113878
06B911023	112321
06C903016	113751
06C903016A	113751
070903023C	111670
070903023CX	111670
070903023D	111670
071903016	113783
071903016C	112399
071903023A	112451
073911023	111107
073911023A	111107
073911023X	111107
074903023	111154
074903023H	112750
074903023X	111154
074903025A	112765
074903025B	112799
074903025J	113754
074903025K	112043
074903025N	112402
074903025Q	113754
074903025R	113754
074903025S	113884
075903023	112729
075903023A	112729
076903023D	111653
076903023H	111174
076903023I	111539
076903023J	112149
076903023M	111653
076903023N	112735
077911023C	112552
077911023E	111817
078903015A	112806
078903016	113510
078903016CA	113510
078903016R	113510
078911023	112309
078911023A	112309
078911023D	111769
078911023X	112309
085911023A	111904
085911023F	112433
085911023K	111904
091911023	110858
091911023A	111061
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111911021F	111133
111911021G	111133
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111911023C	110363
111911023D	110363
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113903031P	111225
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175911023C	110785
176911023	111060
176911023A	111523
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311911023C	110363
311911023D	110363
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JUF903031A	110902
TJG911023B	113346
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11170011	111631
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1234977	111085
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1257939	111120
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1323912	110881
1324957	110881
1328392	111120
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1578938	112742
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1638187	111983
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1676822	111638
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241599	113482
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24437136	113276
2557832	110175
30620870	113248
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30795423	113849
3283184	110921
3412455	110585
3417316	113839
3430012	110585
3523422	112557
3523478	111085
3544119	113865
3544624	111085
3544625	112814
3545364	112557
3581774	111047
3803074	111054
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477049	110980
4778060	111046
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4785539	113482
4785541	112132
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4880692	113482
4880693	113482
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5001668	110367
5001669	110367
5001677	110112
5001679	110112
5001680	110207
5001683	110208
5001686	110205
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5001759	111047
5001782	112742
5001784	111638
5001835	112742
5001867	111112
5001961	110884
5002048	110881
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5002699	111124
5002701	111333
5002781	111319
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5002898	111085
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5003448	112345
5003508	112753
5003564	111489
5003617	110160
5003636	112788
5003695	112814
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5003804	112746
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5003920	113865
5003975	112557
5003996	112557
5240360	110160
6209191	110766
6226486	110527
6601769	110537
6643669	111217
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6779261	112345
6779713	112742
6849755	112557
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8111001	112078
8111048	111894

O.E.M. names and numbers are used for reference purposes only.

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8111911	111773
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8111917	111938
8111920	111718
8111921	112059
8111943	111722
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8112933	111976
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8602710	113272
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8676498	113272
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9031081	112744
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9031147	113839
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9031705	112463
9033313	110766
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9130003	112557
9130208	113865
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9130275	113865
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9148665	112557
9162400	112013
9162422	113865
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9162468	112557
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1-1036-01ND	113077
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1-1039-01ND-2	110682
1-1039-02ND	110682
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1-1084-01ND	113084
1-1085-01ND	110628
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1-1103-01MI	110129
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1-1105-01HI	112970
1-1105-01MI	112970
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1-1105-02HI	112208
1-1105-02MI	112208
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1-1108-01MI	111966
1-1109-01HI	110168
1-1111-01HI	110128
1-1111-01MI	110128
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1-1112-01MI	110264
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1-1114-01HI	112967
1-1114-01HI-1	112967

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1-112-01	110264
1-1120-01HI	111264
1-1121-01HI	110705
1-1122-01HI	111265
1-1124-01HI	110307
1-1125-01	110693
1-1125-01HI	110693
1-1125-01MI	110693
1-1126-01	110630
1-1126-01HI	110630
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1-1131-01HI	110265
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1-1136-01MI	112297
1-1137-01MI	110689
1-1138-01MI	110134
1-1139-01MI	110271
1-1141-02MI	111408
1-1142-01MI	110664
1-1142-01MI-2	110664
1-1143-01MI	113029
1-1145-01MI	110664
1-1147-01MI	110133
1-1148-01MI	110133
1-1150-01MI	112100
1-1150-02MI	112100
1-1152-01MI	112270
1-1153-01MI	110692
1-1156-01MI	110318
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1-1159-01MI	110136
1-1160-01MI	111342
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1-1166-02ND	110496
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1-1175-01MI	113031
1-1177-01MI	110663
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1-1180-02MI	111395
1-1185-01MI	110405
1-1186-01MI	110660
1-1187-01MI	110666
1-1189-01MI	110802
1-1191-01MI	110957
1-1191-01MI	112531
1-1191-02MI	111371
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1-1193-01	110658
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1-1193-01MI	110658
1-1194-01MI	110658
1-1195-01MI	111297
1-1198-01MI	110660
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1-1199-01	110659
1-1199-01MD	110659
1-1200-01MI	110318
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1-1201-02MI	113032
1-1202-01MI	110956
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1-1207-01MI	111313
1-1207-02MD	110957
1-1207-02MI	110957

Cross Reference List

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1-1223-01MI	110140
1-1223-01ND	110140
1-1227-01MD	110804
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1-1228-01ND-1	110965
1-1229-01MI	111279
1-1229-02MI	111279
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1-1233-01HI	112974
1-1236-01HI	110697
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1-1240-01ND	110679
1-1241-01ND	110489
1-1242-01ND	110675
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1-1250-12DR	111202
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1-1250-32DR	110499
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1-1250-33DR	110499
1-1250-34DR	112621
1-1250-34DR	112624
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1-1283-41BO	111320
1-1283-45BO	112785
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1-1294-01BO	110884
1-1294-01PR	110884
1-1294-01SV	110884
1-1297-01BO	112746
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1-1307-01PR	112733
1-1307-01VA	112733
1-1308-01PR	112755
1-1309-01DU	110754
1-1309-01PR	110754
1-1309-01SV	110754
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1-1314-01PR	110915
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1-1314-01VA	110915
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1-1321-01LU	110968
1-1323-01LU	110968
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1-1466-01BO	111161
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1-1504-00ND	113058
1-1504-00ND	113059
1-1504-00ND	113060
1-1504-00ND	113061
1-1504-01ND	113058
1-1504-02ND	113058
1-1504-03ND	113059
1-1504-04ND	113060
1-1504-05ND	113061
1-1504-06ND	113062
1-1506-01ND	113050
1-1506-03ND	111191
1-1507-01ND	111193
1-1507-02ND	111193
1-1510-01ND	111193
1-1511-01ND	113063
1-1519-01ND	113087
1-1522-01BO	111170
1-1523-01BO	111170
1-1524-01HI	110128
1-1527-01ND	113064
1-1527-02ND	113065
1-1527-03ND	111193
1-1529-01BO	112740
1-1530-01CH	110516
1-1530-02CH	110516
1-1530-03CH	110516
1-1530-04CH	110516
1-1531-01ND	111191
1-1532-01ND	110138
1-1533-01HI	112976
1-1534-01VA	110769
1-1535-01BO	111156
1-1537-01MI	111279
1-1537-02MI	111279
1-1538-01BO	111991
1-1538-02BO	111733
1-1539-00BO	111820
1-1539-01BO	111820
1-1539-01VA	111677
1-1539-02BO	111477
1-1539-02VA	112711
1-1539-03VA	111477
1-1542-01BO	112804
1-1546-01ND	111705
1-1549-01LU	110178
1-1551-01LU	110178
1-1552-01LU	113378
1-1556-01ND	110137
1-1557-01BO	110899
1-1560-01BO	110726
1-1561-01BO	110357
1-1565-01HI	110129
1-1565-01HI	110131
1-1566-01HI	110458
1-1567-01HI	110168
1-1572-01BO	111086
1-1575-01BO	111652
1-1578-01MI	110136
1-1581-00BO	111813
1-1581-01BO	111813
1-1581-02BO	111813
1-1582-01HI	110259
1-1584-00BO	111652
1-1584-01MO	111652
1-1585-00BO	110357
1-1585-00BO	110975
1-1585-00BO	111652
1-1585-01VA	110357
1-1585-01VA	111652
1-1586-00BO	110360
1-1586-00BO	111083
1-1587-00BO	110913
1-1588-01ND	113636
1-1589-01MI	113553
1-1590-01MI	113554
1-1592-01ND	113066
1-1593-02HI	110267
1-1594-01DR	112663
1-1595-01MI	111954
1-1596-01ND	111435
1-1598-01MI	111959
1-1598-01MI-2	111959
1-1599-01MI	113033
1-1600-01MI	111315
1-1600-01MI-2	111315
1-1601-01MI	113368
1-1601-01MI	113369
1-1605-01ND	112181
1-1606-01DR	112860
1-1607-01DR	112860
1-1608-20FD	112920
1-1608-21FD	112920
1-1609-30FD	112921
1-1609-31FD	112921
1-1609-32FD	112921

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
WAI	
1-1610-10FD	112923
1-1610-11FD	112923
1-1610-30FD	112922
1-1610-31FD	112922
1-1610-32FD	112922
1-1611-10FD	112925
1-1611-11FD	112924
1-1611-12FD	112925
1-1611-13FD	112924
1-1611-20FD	112926
1-1611-24FD	112926
1-1612-30FD	112932
1-1612-31FD	112927
1-1612-32FD	112927
1-1612-33FD	112962
1-1613-10FD	111200
1-1613-11FD	111200
1-1613-12FD	111200
1-1613-13FD	111200
1-1613-14FD	111200
1-1613-32FD	112927
1-1614-10FD	112928
1-1614-11FD	112928
1-1614-12FD	112928
1-1614-13FD	112928
1-1614-14FD	112928
1-1614-30FD	112935
1-1614-31FD	112935
1-1615-30FD	112929
1-1615-31FD	112929
1-1616-00FD	113236
1-1616-01FD	113236
1-1617-00FD	113236
1-1617-01FD	113236
1-1617-02FD	113236
1-1618-21FD	112931
1-1619-10FD	112935
1-1619-11FD	112935
1-1619-30FD	112935
1-1619-31FD	112935
1-1620-31FD	112932
1-1621-21DR	112338
1-1622-21DR	110500
1-1623-31DR	110498
1-1624-31DR	110498
1-1625-11DR	111202
1-1625-12DR	111202
1-1625-21DR	110499
1-1625-21DR	112622
1-1625-21DR	112624
1-1625-22DR	111388
1-1625-31DR	112264
1-1625-32DR	110499
1-1625-33DR	110499
1-1625-34DR	112621
1-1625-34DR	112624
1-1626-21DR	112625
1-1627-21DR	112625
1-1627-22DR	112626
1-1627-32DR	110499
1-1628-11DR	112627
1-1628-21DR	112338
1-1628-32DR	110500
1-1628-33DR	112640
1-1629-11DR	112627
1-1629-21DR	112338
1-1629-22DR	112628
1-1629-31DR	112629
1-1629-33DR	112640
1-1629-34DR	112640
1-1630-11DR	112630
1-1630-32DR	112631
1-1630-33DR	112631
1-1631-11DR	112630
1-1631-22DR	111486
1-1631-33DR	112631
1-1632-24DR	112126
1-1632-31DR	112126
1-1632-32DR	112126
1-1632-33DR	112126
1-1633-23DR	112126
1-1633-31DR	112126

O.E. No.	HC-CARGO
WAI	
1-1633-32DR	112126
1-1634-32DR	110502
1-1635-31DR	110503
1-1636-31DR	110503
1-1636-32DR	110503
1-1637-11DR	112449
1-1637-22DR	112632
1-1638-11DR	112449
1-1638-22DR	112632
1-1638-32DR	111090
1-1638-33DR	111090
1-1639-11DR	112633
1-1639-23DR	112126
1-1639-34DR	112635
1-1639-35DR	110984
1-1640-11DR	112633
1-1640-21DR	112126
1-1640-24DR	112126
1-1640-31DR	110984
1-1640-32DR	112635
1-1640-35DR	110984
1-1643-31DR	110985
1-1644-31DR	110985
1-1645-31DR	110986
1-1646-31DR	110986
1-1647-31DR	112636
1-1648-11DR	112637
1-1649-31DR	112661
1-1650-01DR	112447
1-1651-01DR	112447
1-1652-31DR	110984
1-1652-32DR	110502
1-1653-21DR	111220
1-1653-31DR	112632
1-1653-31DR	112638
1-1654-11DR	111389
1-1655-11DR	112662
1-1656-11DR	112662
1-1658-21DR	111486
1-1658-31DR	111390
1-1659-31DR	110499
1-1660-11DR	112630
1-1661-11DR	112630
1-1662-21DR	112632
1-1663-11DR	112664
1-1664-11DR	112664
1-1665-31DR	110503
1-1666-31DR	110503
1-1667-31DR	112855
1-1668-11DR	112856
1-1668-22DR	110724
1-1668-33DR	112858
1-1669-31DR	112858
1-1674-21DR	112859
1-1675-42DR	112876
1-1676-41DR	112876
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1-1677-42DR	112878
1-1678-41DR	112878
1-1681-12DR	112880
1-1682-11DR	112879
1-1682-12DR	112879
1-1682-41DR	113580
1-1683-11DR	112880
1-1684-11DR	112881
1-1688-11DR	112882
1-1689-11DR	112883
1-1690-21DR	112884
1-1691-11DR	112885
1-1691-21	112885
1-1691-21DR	112885
1-1691-31DR	112885
1-1694-41DR	112886
1-1695-41DR	112896
1-1696-41DR	112896
1-1699-01BO	110904
1-1701-42DR	113580
1-1702-41DR	113502
1-1704-30FD	112933
1-1704-31FD	112933

O.E. No.	HC-CARGO
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1-1704-32FD	112933
1-1705-00FD	112934
1-1705-01FD	112934
1-1706-10DR	110492
1-1706-11DR	110492
1-1706-12DR	110492
1-1706-15DR	110492
1-1706-32DR	110492
1-1706-42DR	110492
1-1706-43DR	110492
1-1706-46DR	110492
1-1707-12DR	110724
1-1707-41DR	110235
1-1710-10DR	112988
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1-1710-40DR	112988
1-1710-41DR	112988
1-1710-42DR	112988
1-1713-13DR	110492
1-1713-14DR	110492
1-1713-21DR	110492
1-1713-32DR	110492
1-1714-30DR	110492
1-1714-31DR	110492
1-1715-10DR	110235
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1-1715-43DR	110235
1-1718-31DR	110235
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1-1720-43DR	110235
1-1720-45DR	110235
1-1721-32DR	110235
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1-1725-34DR	111713
1-1726-01ND	113088
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1-1730-31DR	112888
1-1732-11DR	112890
1-1734-11DR	110508
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1-1734-21DR	110508
1-1734-23DR	110508
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1-1734-41DR	110508
1-1734-44DR	110508
1-1734-46DR	110508
1-1734-47DR	110508
1-1734-48DR	110508
1-1734-49DR	110508
1-1737-11DR	110508

O.E. No.	HC-CARGO
WAI	
1-1737-12DR	110508
1-1737-13DR	110508
1-1737-14DR	110508
1-1737-16DR	110508
1-1737-21DR	110508
1-1737-23DR	110508
1-1737-24DR	110508
1-1737-25DR	110508
1-1737-27DR	110508
1-1737-28DR	110508
1-1737-29DR	110508
1-1737-35DR	110508
1-1737-38DR	110508
1-1737-39DR	110508
1-1737-40DR	110508
1-1737-410DR	110508
1-1737-411DR	110508
1-1737-41DR	110508
1-1737-43DR	110508
1-1737-48DR	110508
1-1738-21DR	110508
1-1738-22DR	110471
1-1738-42DR	110508
1-1740-10DR	110508
1-1740-12DR	110508
1-1740-21DR	110508
1-1740-41DR	110508
1-1743-10DR	110508
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1-1743-13DR	110508
1-1743-15DR	110508
1-1743-17DR	110508
1-1743-19DR	110508
1-1743-20DR	110508
1-1743-212DR	110508
1-1743-21DR	110508
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1-1743-39DR	110508
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1-1743-410DR	110508
1-1743-411DR	110508
1-1743-41DR	110508
1-1743-43DR	110508
1-1743-48DR	110508
1-1743-49DR	110508
1-1744-21DR	110471
1-1744-22DR	110508
1-1744-41DR	110508
1-1745-20DR	110508
1-1745-21DR	110508
1-1745-22DR	110471
1-1745-42DR	110508
1-1746-21DR	110508
1-1746-40DR	110508
1-1746-41DR	110508
1-1747-30DR	110508
1-1747-31DR	110508
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1-1749-12DR	113767
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1-1749-24DR	110471
1-1749-26DR	110471
1-1749-32DR	110471
1-1749-35DR	110471
1-1749-36DR	110471
1-1749-410DR	110471
1-1749-41DR	110471
1-1749-42DR	110471

Cross Reference List

O.E. No.	HC-CARGO
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1-1749-43DR	110471
1-1749-46DR	110471
1-1749-48DR	110471
1-1749-49DR	110471
1-1751-22DR	110471
1-1751-41DR	110471
1-1752-20DR	110471
1-1752-22DR	110471
1-1753-11DR	110471
1-1753-20DR	110471
1-1755-11DR	110233
1-1755-13DR	110233
1-1755-18DR	110233
1-1755-21DR	110233
1-1755-22DR	110233
1-1755-23DR	110233
1-1755-25DR	110233
1-1755-26DR	110233
1-1755-31DR	110233
1-1755-32DR	110233
1-1755-36DR	110233
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1-1758-31DR	110233
1-1758-35DR	110233
1-1758-410DR	110233
1-1758-41DR	110233
1-1758-43DR	110233
1-1758-44DR	110233
1-1758-45DR	110233
1-1758-46DR	110233
1-1760-21DR	110233
1-1760-22DR	110233
1-1760-33DR	110233
1-1761-21DR	110505
1-1762-21DR	110505
1-1762-41DR	110505
1-1763-01ND	111579
1-1765-20FD	112936
1-1765-21FD	112936
1-1766-12DR	111711
1-1766-21DR	110500
1-1766-22DR	112639
1-1766-32DR	110500
1-1766-33DR	112640
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1-1767-01DR	112448
1-1767-02DR	112448
1-1769-00DR	110234
1-1769-01DR	110234
1-1769-02DR	110234
1-1769-03DR	110234
1-1769-05DR	110234
1-1769-06DR	110234
1-1770-00DR	110234
1-1770-01DR	110234
1-1771-001R	112260
1-1771-00DR	112260
1-1772-00DR	112260
1-1772-01DR	112260
1-1772-01R	112260
1-1772-02DR	112260
1-1773-00DR	112999
1-1773-01DR	112999
1-1774-00DR	112303
1-1775-00DR	112303
1-1776-00DR	110300
1-1779-22DR	111388

O.E. No.	HC-CARGO
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1-1779-31DR	112862
1-1781-01DR	111854
1-1782-10FD	112839
1-1783-11DR	112890
1-1784-16FD	112838
1-1784-30FD	112836
1-1784-31FD	112836
1-1784-32FD	112838
1-1784-33FD	112838
1-1784-34FD	112836
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1-1785-12FD	112837
1-1786-10FD	112838
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1-1786-13FD	112836
1-1786-17FD	112836
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1-1786-31FD	112836
1-1786-32FD	112836
1-1786-34FD	112836
1-1786-35FD	112836
1-1786-36FD	112836
1-1786-38FD	112836
1-1787-10FD	112837
1-1787-11FD	112837
1-1787-12FD	112837
1-1787-14FD	112837
1-1787-15FD	112837
1-1787-30FD	112835
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1-1787-36FD	112835
1-1787-37FD	112835
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1-1790-10FD	112843
1-1790-11FD	112843
1-1791-10FD	112916
1-1791-11FD	112916
1-1792-10FD	112843
1-1792-11FD	112843
1-1793-10FD	112840
1-1793-11FD	112840
1-1793-12FD	112840
1-1793-13FD	112840
1-1793-30FD	112917
1-1793-34FD	112917
1-1793-35FD	112917
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1-1795-01FD	113233
1-1795-05FD	113233
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1-1796-02FD	110237
1-1796-03FD	110237
1-1796-04FD	110237
1-1796-05FD	110237
1-1796-06FD	110237
1-1796-09FD	110237
1-1796-27FD	110237
1-1797-01DR-1	111391
1-1797-01DR-2	111391
1-1797-02DR-1	111391
1-1798-21DR	113160
1-1799-01-DR-2	111392
1-1799-01DR-1	111392
1-1799-02DR	112611

O.E. No.	HC-CARGO
WAI	
1-1799-02DR-1	112611
1-1802-21DR	112613
1-1802-21DR-1	112613
1-1802-21DR-2	112613
1-1802-31DR	112614
1-1802-31DR-1	112614
1-1802-42DR-1	111223
1-1802-FD	112607
1-1803-00FD	113233
1-1803-01FD	113233
1-1803-04FD	113233
1-1803-05FD	113233
1-1803-06FD	113233
1-1803-23FD	113233
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1-1805-41FD	110238
1-1805-42FD	110238
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1-1807-41FD	112915
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1-1809-01BO	111352
1-1809-01VA	111352
1-1810-01BO	112806
1-1812-01BO	112687
1-1813-01BO	111353
1-1813-01VA	111353
1-1813-02BO	111879
1-1814-01BO	112539
1-1814-02BO	112194
1-1814-11BO	112539
1-1815-00BO	112194
1-1815-01BO	112194
1-1816-01BO	112557
1-1817-00CH	112848
1-1817-01CH	112848
1-1818-01CH	110236
1-1818-04CH	110236
1-1818-05CH	110236
1-1820-01CH	110514
1-1820-02CH	110514
1-1821-01CH	110514
1-1825-01CH	110514
1-1826-01CH	110514
1-1826-02CH	110514
1-1827-01BO	112557
1-1827-02BO	112554
1-1828-01MI	113463
1-1829-01MI	111376
1-1831-01	111285
1-1831-01MI	111285
1-1831-01ND	111285
1-1833-01MI	111375
1-1834-01MD	111309
1-1835-01ND	112102
1-1835-ND	113244
1-1836-01ND	113201
1-1837-01ND	111482

O.E. No.	HC-CARGO
WAI	
1-1838-01ND	111517
1-1839-01ND	111518
1-1840-01ND	111678
1-1841-01LU	111948
1-1842-01DR	112641
1-1843-01ND	113081
1-1844-01BO	111676
1-1844-02BO	111677
1-1846-01BO	111369
1-1846-01VA	111354
1-1847-01BO	111076
1-1854-01ND	111394
1-1854-02ND	112032
1-1856-01ND	111965
1-1857-01ND	111431
1-1857-01ND	111439
1-1858-01ND	111428
1-1859-01ND	111435
1-1860-01ND	111435
1-1863-01ND	113079
1-1864-01ND	113089
1-1865-01ND	113078
1-1866-01ND	113090
1-1867-01BO	112538
1-1869-00BO	112692
1-1869-01BO	112692
1-1872-01BO	113576
1-1873-01MD	111237
1-1873-01MI	111237
1-1874-01MI	111530
1-1876-01MI	111285
1-1877-01HI	113411
1-1878-01HI	112977
1-1879-01HI	112973
1-1880-01HI	112978
1-1883-01ND	113076
1-1885-01ND	113164
1-1886-01MD	110802
1-1888-01ND	110563
1-1891-01MI	112031
1-1892-01ND	113083
1-1894-01MI	110927
1-1895-11DR	112633
1-1895-13DR	110984
1-1895-31DR	112644
1-1895-32DR	112644
1-1896-01DR	112642
1-1898-21DR	112892
1-1899-21DR	112643
1-1900-21DR	112891
1-1902-21DR	112889
1-1904-10FD	112942
1-1904-11FD	112942
1-1904-12FD	112942
1-1905-01ND	111578
1-1907-01BO	112558
1-1908-01BO	111733
1-1908-01BO	113865
1-1909-00BO	112708
1-1909-01BO	111675
1-1910-01BO	111369
1-1911-01BO	112557
1-1912-01DR	112989
1-1912-02DR	112989
1-1912-03DR	112989
1-1914-00DR	110937
1-1915-00DR	112994
1-1915-00DR-1	112994
1-1915-01DR	111232
1-1915-02DR	111232
1-1915-03DR	111232
1-1915-04DR	111232
1-1915-05DR	111232
1-1916-00DR	112990
1-1916-00DR-1	112990
1-1916-01DR	112990
1-1916-02DR	112990
1-1917-00DR	112991
1-1917-00DR-1	112991
1-1917-01DR	112991
1-1917-02DR	112991

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
WAI	
1-1918-00DR	112993
1-1918-00DR-1	112993
1-1918-02DR	112996
1-1918-03DR	112996
1-1918-04DR	112996
1-1919-02DR	112991
1-1921-01HI	113161
1-1922-11MO	110408
1-1927-01DR	112663
1-1928-01MI	111529
1-1929-01MI	112377
1-1930-01ND	113091
1-1931-01ND	111537
1-1932-01ND	113166
1-1933-01ND	113080
1-1935-01ND	113092
1-1936-01ND	111518
1-1937-00LN	110937
1-1938-01PR	111397
1-1939-01MI	110133
1-1940-01HI	113412
1-1940-02HI	113412
1-1944-01MI	110327
1-1945-01PR	111397
1-1946-01ND	110564
1-1947-01MD	110959
1-1948-01MD	111710
1-1949-01BO	111987
1-1950-01BO	112529
1-1950-03BO	112712
1-1950-41VA	111369
1-1950-42BO	111369
1-1950-42VA	112529
1-1950-44BO	111369
1-1950-45BO	110890
1-1951-01MD	110659
1-1952-01MD	110659
1-1953-01HI	111958
1-1954-01HI	113421
1-1955-01MI	110659
1-1956-01MI	111807
1-1957-01MI	111807
1-1959-01MI	113034
1-1960-01MI	111495
1-1961-01MI	111279
1-1963-01ND	113162
1-1964-01ND	111705
1-1965-01ND	113093
1-1966-01ND	113077
1-1967-01ND	110496
1-1968-01ND	110967
1-1969-01ND	111610
1-1971-01ND	111191
1-1972-01ND	113067
1-1972-01ND-2	113067
1-1975-01ND	113228
1-1976-01ND	113227
1-1978-01ND	111518
1-1980-01ND	112101
1-1981-01ND	111964
1-1982-01ND	111579
1-1982-01ND-2	111579
1-1983-01ND	111468
1-1983-01ND-2	111468
1-1984-01ND	113163
1-1985-01-DR-2	112615
1-1985-01DR	112615
1-1985-01DR-1	112615
1-1986-41DR	113259
1-1987-20FD	112920
1-1987-21FD	112938
1-1988-10FD	112943
1-1988-11FD	112943
1-1988-13FD	112943
1-1989-32FD	112585
1-1990-00FD	112937
1-1990-01FD	112937
1-1991-30FD	112939
1-1991-31FD	112939
1-1992-01MI	113027
1-1993-10FD	112944
1-1993-11FD	112944

O.E. No.	HC-CARGO
WAI	
1-1993-12FD	112944
1-1995-21DR	111712
1-1995-21DR-1	111712
1-1995-21DR-2	111712
1-1995-22DR	111712
1-1996-21DR	112893
1-1996-21DR-1	112893
1-1997-10FD	112928
1-1997-11FD	112928
1-1997-11FD-1	112928
1-1997-11FD-2	112928
1-1999-01BO	110803
1-2001-01HI	111704
1-2002-01HI	113197
1-2007-01ND	113069
1-2007-01ND-2	113069
1-2007-07ND	113069
1-2009-01ND	111705
1-2010-01CH	110236
1-2010-02CH	110236
1-2010-03CH	110236
1-2012-20FD	112945
1-2012-21FD	112945
1-2012-21FD1	112945
1-2012-22FD	112945
1-2013-01HI	113583
1-2014-01HI	113583
1-2015-01HI	112979
1-2016-41FD	113765
1-2017-20FD	113765
1-2017-21FD	113765
1-2018-01DR	112645
1-2019-11-DR	112616
1-2019-11DR-1	112616
1-2022-02ND	113645
1-2023-01MI	113507
1-2023-02MI	113507
1-2024-20FD	112946
1-2024-21FD	112946
1-2024-22-FD	112946
1-2024-22FD	112946
1-2026-30FD	113013
1-2028-01CH	110514
1-2030-30FD	112940
1-2030-31FD	112940
1-2032-20DR	110724
1-2033-01DR	112875
1-2035-31DR	112895
1-2036-21DR	113578
1-2038-01DR	111854
1-2040-41DR	112980
1-2041-01HI	113583
1-2041-31DR	112894
1-2042-21DR	113005
1-2042-21DR-1	113005
1-2043-11DR	112618
1-2043-11DR-1	112618
1-2043-11DR-2	112618
1-2044-00DR	112824
1-2044-00DR-1	112824
1-2045-01BO	112773
1-2046-20FD	112936
1-2046-21FD	112936
1-2047-00FD	112937
1-2047-01FD	112937
1-2048-11FD	112151
1-2049-00FD	112941
1-2049-01FD	112941
1-2051-01ND	113584
1-2054-01ND	113433
1-2055-01ND	113094
1-2056-01ND	113070
1-2056-01ND-2	113070
1-2057-00DR	113002
1-2058-11DR	113159
1-2058-11DR-1	113159
1-2059-01MD	111405
1-2060-00DR	113003
1-2060-00DR-1	113003
1-2061-01MI	111384
1-2062-01-1	112068
1-2062-MI	112068

O.E. No.	HC-CARGO
WAI	
1-2063-01BO	112723
1-2064-00DR	112824
1-2065-00DR	112824
1-2065-00DR-1	112824
1-2065-00DR-2	112824
1-2067-31DR	112619
1-2067-31DR-1	112619
1-2068-01DR	112612
1-2068-01DR-1	112612
1-2069-01DR	112865
1-2069-01DR-1	112865
1-2069-31DR	112865
1-2070-01DR	112866
1-2070-01DR-1	112866
1-2070-02DR	112867
1-2070-02DR-1	112867
1-2071-01DR	112868
1-2071-01DR-1	112868
1-2071-01DR-2	112868
1-2072-01DR	112642
1-2073-01ND	112583
1-2074-01ND	113068
1-2074-01ND-2	113068
1-2075-01ND	113235
1-2076-01MI	111406
1-2077-00DR	113001
1-2077-00DR-1	113001
1-2078-00DR	113004
1-2078-00DR-1	113004
1-2080-01ND	111468
1-2081-01ND	111518
1-2083-01ND	113612
1-2086-01ND	113626
1-2087-01ND	113071
1-2087-01ND-2	113071
1-2089-01HI	113555
1-2089-02HI	113366
1-2090-01HI	112978
1-2090-01HI	113643
1-2091-01HI	113422
1-2092-01HI	113371
1-2092-01HI-2	113371
1-2093-01HI	111726
1-2093-01MI	111726
1-2094-01MI	113035
1-2096-01MI	111959
1-2097-01MI	112031
1-2098-01HI	111381
1-2101-01MI	113462
1-2101-02MI	113462
1-2102-01HI	113423
1-2103-01HI	113375
1-2104-01MD	111807
1-2105-01MD	112987
1-2106-01MD	111787
1-2107-01M8	113360
1-2107-01MI	113360
1-2108-01BO	111895
1-2109-11BO	111850
1-2111-01VA	112793
1-2112-01DR	112861
1-2114-01MI	113566
1-2115-01MI	111406
1-2118-01MI	112328
1-2118-02MI	112353
1-2119-11HD	110620
1-2119-11ND	110620
1-2120-01ND	113165
1-2122-01ND	113628
1-2124-01HI	113374
1-2125-01HI	113425
1-2128-01MM	112025
1-2128-02MM	112025
1-2129-01BO	112806
1-2130-01VA	112683
1-2131-01VA	112687
1-2132-01ND	110629
1-2135-01DR	112869
1-2135-01DR-1	112869
1-2135-01DR-2	112869
1-2136-01DR	112869
1-2136-41DR	112873

O.E. No.	HC-CARGO
WAI	
1-2136-42DR	112873
1-2138-01ND	113081
1-2147-01MI	111806
1-2148-01ND	111779
1-2149-01ND	110681
1-2150-01DR	112645
1-2152-01HI	113426
1-2153-01MI	113310
1-2154-00DR	112834
1-2154-00DR-1	112834
1-2155-21DR	111712
1-2156-21DR	112665
1-2156-21DR-1	112665
1-2156-21DR-2	112665
1-2157-01ND	111779
1-2158-31FD	112947
1-2158-31FD-1	112947
1-2158-31FD-2	112947
1-2159-00FD	113582
1-2159-01FD	113582
1-216-10FD	112919
1-2160-10FD	112918
1-2160-11FD	112918
1-2160-11FD-1	112918
1-2162-01MI	110660
1-2164-01MI	111434
1-2166-01HI	111433
1-2167-01ND	113627
1-2169-10FD	112919
1-2169-11FD	112919
1-2169-11FD-1	112919
1-2169-11FD-2	112919
1-2170-41DR	112873
1-2170-42DR	112873
1-2171-01DR	111426
1-2172-31FD	112948
1-2172-31FD-2	112948
1-2173-11FD	112949
1-2173-11FD-1	112949
1-2173-11FD-2	112949
1-2176-01MI	113027
1-2177-21DR	112870
1-2177-21DR-1	112870
1-2178-31FD	112950
1-2179-21DR	113005
1-2180-01HI	113556
1-2188-01ND	113365
1-2188-01ND-2	113365
1-2189-01ND	113571
1-2190-01ND	113359
1-2191-01HI	113197
1-2192-01HI	112981
1-2193-01HI	113373
1-2194-01ND	113612
1-2197-21DR	112850
1-2198-01DR	112851
1-2199-01DR	112852
1-2199-02DR	112852
1-2202-01MD	111237
1-2203-01MI	112362
1-2204-01MI	112328
1-2206-21FD	112951
1-2206-21FD-2	112951
1-2207-01FD	112952
1-2207-01FD-2	112952
1-2208-01BO	112557
1-2208-02BO	112557
1-2209-11FD	112953
1-2209-11FD-2	112953
1-2211-01ND	111518
1-2212-01HI	111807
1-2213-01DR	112871
1-2213-01DR-1	112871
1-2213-02DR	112871
1-2213-02DR-1	112871
1-2214-01DR	112871
1-2214-01DR-1	112871
1-2214-02DR	112871
1-2214-02DR-1	112871
1-2218-01DR	112874
1-2219-01DR	112849
1-2221-21DR	112853

Cross Reference List

O.E. No.	HC-CARGO
WAI	
1-2222-01DR	112872
1-2223-01MI	113322
1-2224-01ND	113358
1-2224-01ND-2	113358
1-2224-02ND	113358
1-2225-01ND	113359
1-2225-01ND-2	113359
1-2226-01ND	113363
1-2227-01ND	113362
1-2227-02BO	113564
1-2227-02ND	113364
1-2227-02ND-2	113364
1-2228-01ND	113235
1-2228-01ND-2	113235
1-2231-01HI	111381
1-2233-01MD	113652
1-2236-01ND	110445
1-2236-10ND	110445
1-2237-00BO	111888
1-2240-01HI	113367
1-2243-01HI	113427
1-2244-11BO	112078
1-2245-11BO	112072
1-2250-01BO	112426
1-2251-01BO	113486
1-2252-11BO	112194
1-2252-31BO	112530
1-2252-42BO	111902
1-2253-01BO	112193
1-2255-01BO	113798
1-2256-01BO	113799
1-2257-01BO	113154
1-2258-01BO	112530
1-2261-01ND	113628
1-2264-31FD	112954
1-2265-21FD	112955
1-2268-01HI	112981
1-2269-01MI	113370
1-2270-31FD	113127
1-2270-31FD-2	113127
1-2271-01HI	113413
1-2273-01BO	113569
1-2274-01FD	112585
1-2274-30FD	112585
1-2274-31FD	112585
1-2274-31FD-2	112585
1-2279-00DR	112834
1-2280-00DR	112834
1-2280-00DR-1	112834
1-2281-00DR	112834
1-2285-01ND	113357
1-2286-01ND	113606
1-2286-01ND-2	113606
1-2287-01ND	111796
1-2288-01MD	112327
1-2290-01DR	112615
1-2290-01DR-1	112615
1-2291-00DR	112160
1-2291-00DR-1	112160
1-2292-00DR	112992
1-2292-00DR-1	112992
1-2293-00DR	112773
1-2295-00DR	112996
1-2296-00DR	112996
1-2299-00DR	113432
1-2299-00DR-1	113432
1-2300-00DR	112996
1-2300-00DR-1	112996
1-2301-00DR	112998
1-2302-01DR	112998
1-2303-00DR	112264
1-2306-01BO	112712
1-2307-31MD	111710
1-2308-31MD	110540
1-2309-31MD	111710
1-2310-31MD	111710
1-2311-01BO	112709
1-2312-01HI	112270
1-2313-01HI	113347
1-2315-01HI	113401
1-2316-01HI	113410

O.E. No.	HC-CARGO
WAI	
1-2319-00LN	110937
1-2320-21DR	112850
1-2322-01DR	112872
1-2322-01DR-1	112872
1-2332-01HI	112270
1-2333-00DR	112996
1-2333-00DR-1	112996
1-2334-00DR	112995
1-2334-00DR-1	112995
1-2334-00DR-2	112995
1-2335-01ND	110620
1-2336-01ND	111048
1-2337-01BO	112451
1-2338-01FD	112956
1-2338-11FD	112956
1-2342-01MI	111408
1-2344-00BO	111843
1-2347-41ND	111048
1-2348-21FD	112957
1-2348-21FD-2	112957
1-2349-01FD	112958
1-2349-01FD-2	112958
1-2350-11FD	112959
1-2350-11FD-2	112959
1-2356-01MI	110662
1-2364-01ND	113606
1-2378-01MD	111309
1-2379-01HI	113425
1-2381-01ND	113641
1-2383-01VA	111946
1-2385-01BO	111988
1-2390-01ND	113564
1-2391-01MI	112270
1-2392-01MI	111832
1-2395-31BO	113489
1-2396-01BO	112691
1-2399-01BO	112002
1-2401-01DR	113498
1-2403-01DR	113350
1-2406-01ND	111517
1-2410-11DR	110325
1-2412-11FD	112960
1-2413-01HI	111264
1-2414-11FD	112961
1-2414-11FD-2	112961
1-2419-01DR	112853
1-2419-21DR	112853
1-2419-21DR	113777
1-2428-00DR	113579
1-2429-00LN	113739
1-2429-00MO	113739
1-2430-01MI	111406
1-2431-00DR	113155
1-2432-01HI	113419
1-2434-01MI	111344
1-2436-01ND	111048
1-2439-01ND	111018
1-2440-01VA	112399
1-2442-01MI	113439
1-2446-01MD	113656
1-2447-01MI	112067
1-2449-01HI	113372
1-2451-01VA	111478
1-2452-01BO	112075
1-2453-01BO	111878
1-2454-01MM	112718
1-2455-01MM	113529
1-2456-01ND	110685
1-2458-01ND	113715
1-2462-31MD	110540
1-2463-01MD	110540
1-2466-01MD	113600
1-2470-01HI	113415
1-2471-01HI	110448
1-2474-01HI	113418
1-2476-01ND	111048
1-2477-01ND	111048
1-2478-01ND	111048
1-2479-01MI	110802
1-2480-01MI	113562
1-2481-01HI	110694

O.E. No.	HC-CARGO
WAI	
1-2482-01HI	111235
1-2484-01DR	113692
1-2485-01DR	113685
1-2488-01DR	113693
1-2489-01DR	113694
1-2490-01HI	113420
1-2495-01HI	113822
1-2497-01ND	113607
1-2499-01MI	113634
1-2501-01DR	113498
1-2501-31BO	111843
1-2506-01VA	113748
1-2514-11MI	113747
1-2516-01VA	112193
1-2518-41BO	112170
1-2519-01BO	112079
1-2520-01BO	111989
1-2521-01BO	113300
1-2522-01BO	112193
1-2525-01VA	111528
1-2525-01VA	111658
1-2527-01VA	111873
1-2532-00MO	113766
1-2547-00BO	113807
1-2547-01BO	113808
1-2549-11DR	112618
1-2549-11DR-1	112618
1-2558-00DR	113778
1-2564-00LN	113739
1-2608-01FD	113709
1-2665-00LN	113766
1-2692-01MI	113781
1-2766-01HI	112067
1-2774-01VA	113801
1-2816-01MI	113782
1-2819-01ND	113802
1-2851-01ND	111215
1-2994-01BO	113352
2-1000-MT	111442
2-1000-ND	111442
2-1001-ND	113096
2-1002-ND-1	111546
2-1003-MI	113042
2-1005-ND	110146
2-1006-HI	110145
2-1007-ND	111458
2-1008-ND	110146
2-1009-HI	110145
2-1009-ND	110145
2-1010-MT	111458
2-1010-ND	113024
2-1011-MT	111458
2-1011-ND	111458
2-1011-ND-1	111458
2-1012-MT	110312
2-1012-ND	110312
2-1013-HI	110249
2-1013-ND	110249
2-1014-MT	111543
2-1014-ND	111543
2-1017-MT	111543
2-1018-MT	113022
2-1019-MT	113024
2-1019-ND	113024
2-1020-MT	112214
2-1020-ND	112214
2-1020-ND-1	112214
2-1021-MT	111543
2-1023-ND	110152
2-1024-ND	110411
2-1025-ND	110296
2-1026-ND	113098
2-1027-ND	110153
2-1028-ND	110252
2-1029-ND	110396
2-1029-ND-1	110396
2-1030-ND	110396
2-1031-ND	110396
2-1032-ND	110339
2-1033-ND	110289
2-1034-ND	110260

O.E. No.	HC-CARGO
WAI	
2-1035-ND	110621
2-1036-ND	110261
2-1037-ND	110708
2-1039-ND	110153
2-1040-ND	113097
2-1041-ND	111440
2-1042-ND	110404
2-1043-ND	110399
2-1044-ND	110290
2-1046-ND	110386
2-1047-ND	111386
2-1048-ND	113099
2-1050-ND	110397
2-1051-ND	110253
2-1053-ND	111555
2-1055-ND	111446
2-1056-ND	111544
2-1057-ND	110709
2-1058-ND	110323
2-1059-ND	111551
2-1060-ND	111551
2-1064-ND-1	110712
2-1065-ND	110713
2-1066-ND	110712
2-1067-ND	110712
2-1070-ND	111681
2-1073-ND	111682
2-1074-ND	111556
2-1075-ND	113168
2-1076-HI	110277
2-1076-MI	110277
2-1077HI	110308
2-1079-1	110144
2-1079-1	110308
2-1079-HI	110144
2-1079-HI	110308
2-1079-MI	110144
2-1080-HI	111634
2-1081-HI	110143
2-1081-MI	110142
2-1082-HI	110280
2-1082-MI	110280
2-1083-1	110142
2-1083-HI	110142
2-1083-MI	110142
2-1084-HI	110280
2-1085-HI	110308
2-1086	110277
2-1086-HI	110277
2-1086-MI	110277
2-1087-HI	110277
2-1088-HI	110386
2-1089-HI	110386
2-1090-HI	110309
2-1091-HI	110717
2-1092-HI	111441
2-1092-MI	111728
2-1093-HI	110279
2-1093-MI	110279
2-1094-1	110278
2-1094-HI	110278
2-1094-MI	110278
2-1095-HI	111444
2-1095-MI	111444
2-1100-HI	111450
2-1101-HI	112983
2-1102-HI	112983
2-1103	112984
2-1103-HI	112984
2-1103-MI	112984
2-1105	110480
2-1105-HI	110480
2-1105-MI	110480
2-1106-MI	111465
2-1107-HI	111762
2-1109-HI	111450
2-1110-HI	110309
2-1112-HI	110249
2-1113	112982
2-1113-HI	112982
2-1113-MI	112982

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO
WAI	
2-1114-MI	111563
2-1115	111488
2-1115-HI	111488
2-1115-MI	111488
2-1116-HI	111023
2-1117-HI	111459
2-1117-MI	111459
2-1118	111312
2-1118-HI	111312
2-1118-MI	110279
2-1119-MI	111312
2-1120-MI	113041
2-1121-MI	111485
2-1122-1	112985
2-1122-HI	112985
2-1123-HI	111763
2-1128-MI	111608
2-1130-MI	110148
2-1130-ND	110148
2-1133-MI	110286
2-1134-MI	110983
2-1136-MI	110149
2-1138-MI	110578
2-1139-MI	110983
2-1140-MI	113036
2-1141-MI	110808
2-1142-MI	110149
2-1142-ND-2	112582
2-1143-MI	110389
2-1144-MI	110808
2-1146-MI	111348
2-1147-MI	113135
2-1148-MI	110811
2-1149-MD	110810
2-1149-MI	110810
2-1150-MI	111246
2-1151-MI	111460
2-1152-MI	110810
2-1152MI	110810
2-1153-MI	111557
2-1154-MI	111557
2-1156-FD	111183
2-1161-MI	112215
2-1164-FD	111844
2-1165-FD	112030
2-1166-MD	110315
2-1166-MI	110315
2-1166-MI-2	110315
2-1167-MI	110311
2-1168-MI	110158
2-1169-MI	110809
2-1170-MI	111461
2-1172-MI	110311
2-1173-MI	110315
2-1174-MD	110811
2-1174-MI	110811
2-1176	111241
2-1176-MD	111241
2-1176-MI	111241
2-1178-MD	111305
2-1178-MI	111305
2-1182-MD	111242
2-1182-MI	111242
2-1183-MD	110958
2-1183-MI	110958
2-1186-MI	110394
2-1189	110310
2-1189-MI	111696
2-1189-ND	111310
2-1191-HI	110316
2-1192-HI	110477
2-1193-HI	110573
2-1193-ND	111683
2-1195-ND	110979
2-1197-ND	110979
2-1198-ND	110711
2-1200-ND	110711
2-1200-ND-1	110711
2-1201-ND	110711
2-1202-ND	110711
2-1203-ND	110711
2-1204-ND	110153
WAI	
2-1205-ND	110294
2-1206-ND	111451
2-1207-ND	111451
2-1209-MI	111451
2-1210-MI	110295
2-1211-HI	111182
2-1211-MI	111182
2-1215-ND	111454
2-1215-ND-1	111454
2-1216-ND	111552
2-1218-ND	110298
2-1222-MI	113817
2-1223-MI	112580
2-1224-MI	110157
2-1225-MI	110157
2-1226-MI	110291
2-1227-MI	110321
2-1228-MI	110291
2-1230-PR	112541
2-1231-BO	111490
2-1232-MI	111349
2-1232-MI-2	111349
2-1234-MI	113043
2-1236-MI	113043
2-1238-ND	111310
2-1239-MI	110394
2-1244-MI	110394
2-1245-BO	111127
2-1246-MD	110807
2-1246-MI	110807
2-1247-MD	110808
2-1247-MI	110808
2-1248-BO	111053
2-1249-MI	110578
2-1254-MI	112267
2-1254-MI-2	112267
2-1256-BO	110868
2-1257-BO	110842
2-1258-BO	111052
2-1259-BO	110772
2-1259-BO	111052
2-1260-BO	111052
2-1261-BO	111105
2-1262-BO	112533
2-1263-BO	111400
2-1264-BO	111052
2-1267-BO	112172
2-1268-BO	111856
2-1269-BO	111911
2-1269-MM	111911
2-1270-BO	110368
2-1271-BO	110838
2-1272-BO	110869
2-1274-HI-1	110156
2-1275-BO	110869
2-1276-BO	111065
2-1278-BO	112295
2-1278-VA	111347
2-1279-BO	111851
2-1280-BO	112820
2-1281-BO	112820
2-1283-BO	111270
2-1284-BO	112305
2-1285-BO	111054
2-1287-BO	111112
2-1288-BO	111489
2-1288-HI	110160
2-1289-BO	111120
2-1289-HI	111120
2-1290-BO	111489
2-1293-BO	110793
2-1293-BO	111066
2-1293-DU	110793
2-1293-DU	111066
2-1293-PR	110793
2-1293-PR	111066
2-1296-BO	111109
2-1296-PR	111109
2-1298-PR	110790
2-1299-PR	111063
2-1300-BO	110587
2-1300-PR	110587
WAI	
2-1302-DU	110367
2-1302-PR	110367
2-1303-PR	110367
2-1304-PR	110367
2-1305-DU	110866
2-1305-PR	110866
2-1308-BO	110585
2-1308-DU	110585
2-1308-PR	110585
2-1310-PR	112295
2-1312-BO	110341
2-1313-PR	110835
2-1315-MM	110338
2-1317-BO	110825
WAI	
2-1317-MM	110825
2-1318-BO	111106
2-1319-MM	111104
2-1322-BO	112308
2-1325-LU	111865
2-1328-LU	111103
2-1336-LU-1	113171
2-1340-BO	110363
2-1341-BO	111099
2-1342-BO	110997
2-1343-BO	110824
2-1343-PR	110824
2-1350-BO	110339
2-1350-MM	110340
2-1351-BO	110864
2-1352-BO	110410
2-1353-BO	110858
2-1354-BO	110777
2-1358-BO	110996
2-1359-BO	111061
2-1360-BO	110865
2-1361-BO	111069
2-1362-BO	111069
2-1363-BO	111010
2-1363-MI	110824
2-1365-BO	111060
2-1366-BO	110785
2-1367-BO	111059
2-1372-BO	111059
2-1373-BO	111059
2-1374-BO	112131
2-1376-BO	112131
2-1377-BO	110850
2-1378-BO	111010
2-1378-MM	111010
2-1379-BO	112552
2-1380-BO	113095
2-1380-ND	113095
2-1380-ND-1	113095
2-1381-ND	111022
2-1382-ND	111492
2-1382-ND-1	111492
2-1383-ND	111456
2-1384-BO	111425
2-1384-ND	113095
2-1385-BO	111425
2-1385-ND	111425
2-1385-ND	113095
2-1386-BO	111425
2-1387-BO	111425
2-1390-MI-1	113039
2-1392-BO	111456
2-1393-ND	111456
2-1394-BO	111456
2-1394-ND	111456
2-1394-ND-1	111456
2-1397-ND	113101
2-1397-ND-1	113101
2-1398-ND	111764
2-1398-ND-2	111764
2-1399-ND	112213
2-1401-ND	111442
2-1402-MI	111182
2-1404-ND	111544
2-1404-ND-1	111544
WAI	
2-1405-ND	110713
2-1409-ND	113102
2-1410-ND	113103
2-1412-DR	112911
2-1413-DR	111034
2-1415-ND	110146
2-1416-ND	110146
2-1419-FD	111374
2-1421-ND	110421
2-1425-BO	111104
2-1429-BO	110870
2-1430-BO	110336
2-1430-LU	110336
2-1434-HI	110297
2-1434-ND	110297
2-1435-ND	111451
2-1436-HI	110145
2-1436-ND	110145
2-1437-HI	110477
2-1439-ND	110411
2-1441-HI	113614
2-1442-ND	112582
2-1443-MI	112845
2-1443-MI-2	112845
2-1444-MI	111108
2-1445-MI	111475
2-1446-HI	111762
2-1447-BO	111751
2-1449-BO	111061
2-1454-MI	110309
2-1455-ND	113104
2-1457-BO	111400
2-1459-ND	111456
2-1459-ND-2	111456
2-1460-BO	110865
2-1461-MI	111453
2-1462-PR	111124
2-1464-PR	111114
2-1465-PR	111101
2-1467-DR	113122
2-1469-VA	110856
2-1470-DR	111034
2-1471-DR	112913
2-1473-DR	111034
2-1474-DR	111786
2-1474-DR-2	111786
2-1476-DR	111786
2-1477-DR	111127
2-1478-DR	112847
2-1479-DR	112898
2-1480-DR	112904
2-1481-DR	112897
2-1481-DR-2	112897
2-1485-DR	112909
2-1487-DR	110221
2-1489-DR	112910
2-1494-DR	112911
2-1498-DR	112898
2-1500-DR	110414
2-1506-DR	110221
2-1508-DR	110414
2-1510-DR	110221
2-1512-DR	110221
2-1513-DR	112910
2-1516-DR	110221
2-1519-BO	112816
2-1521-MT	113025
2-1523-MT	113026
2-1526	113725
2-1526-ND	113725
2-1527-ND	113105
2-1527-ND-2	113105
2-1528-MT	113508
2-1528-ND	113023
2-1528-ND-1	113023
2-1529-ND	111713
2-1530-ND	113106
2-1531-BO	112167
2-1532-BO	111749
2-1534-BO	111748
2-1535-BO	112166
2-1536-BO	112309

Cross Reference List

O.E. No.	HC-CARGO
WAI	
2-1536-MM	112309
2-1537-BO	112818
2-1538-BO	112013
2-1539-BO	112553
2-1541-HI	110249
2-1542-HI	111312
2-1543-ND	110323
2-1544-ND	113121
2-1545-MI	110810
2-1545-MI-2	110810
2-1546-MI	111311
2-1547-MI	113044
2-1548-MI	110158
2-1548-ND-1	113023
2-1549-MI	111310
2-1550-MI	110933
2-1552-MI	113141
2-1553-MI	113141
2-1554-MI	113141
2-1554-MI-1	113141
2-1555-MI	113137
2-1557-FD	112584
2-1558-FD	111370
2-1559-FD	111370
2-1560-HI	112986
2-1561-ND	113402
2-1563-FD	113217
2-1564-FD	113220
2-1564-FD	113221
2-1565-FD	113223
2-1566-FD	113218
2-1567-FD	112592
2-1568-FD	112602
2-1569-FD	113221
2-1571-CH	110223
2-1572-CH	110222
2-1575-CH	110223
2-1578-DR	112897
2-1580-DR	112341
2-1581-DR	112341
2-1583-DR	113126
2-1585-ND	111492
2-1586-ND	113107
2-1587-ND	111551
2-1588-ND	113169
2-1589-ND	113169
2-1590-DR	112897
2-1590-DR-1	112897
2-1590-DR-2	112897
2-1591-DR	112897
2-1592-DR	112897
2-1593-DR	110216
2-1593-DR-2	110216
2-1594-DR	110216
2-1595-DR	111258
2-1596-DR	111258
2-1604-DR	110216
2-1605-DR	110216
2-1607-DR	110216
2-1608-DR	110218
2-1609-DR	110218
2-1611-HI	112844
2-1611-MI	112844
2-1611-MI-2	112844
2-1612-MI	113668
2-1613-MI	111305
2-1614-ND	110411
2-1622-ND	110152
2-1624-ND	110152
2-1625-DR	112341
2-1627-DR	110220
2-1628-DR	110220
2-1629-DR	112341
2-1631-DR	112267
2-1634-FD	110230
2-1642-FD	112965
2-1643-FD	110232
2-1645-FD	112963
2-1648-FD	112964
2-1649-FD	112016
2-1650-FD	112966

O.E. No.	HC-CARGO
WAI	
2-1651-NK	112649
2-1668-FD	110227
2-1672-FD	110224
2-1674-FD	110226
2-1676-FD	110225
2-1677-FD	110225
2-1678-FD	110229
2-1679-FD	110228
2-1680-FD	110225
2-1681-BO	111396
2-1682-ND	110154
2-1684-FD	110509
2-1686-FD	110231
2-1688-DR	112898
2-1688-DR-1	112898
2-1688-DR-2	112898
2-1689-DR	112897
2-1689-DR-1	112897
2-1689-DR-2	112897
2-1690-DR	112240
2-1690-DR-1	112240
2-1690-DR-2	112240
2-1691-DR	111786
2-1691-DR-2	111786
2-1692-DR	112904
2-1692-DR-1	112904
2-1692-DR-2	112904
2-1693-ND	111455
2-1694-HI	111382
2-1695-ND	111492
2-1695-ND-2	111492
2-1698-ND	111784
2-1699-ND	113174
2-1700-ND	111984
2-1700-ND-1	111984
2-1700-ND-2	111984
2-1701-ND	112213
2-1702-ND	113108
2-1702-ND-1	113108
2-1703-ND	113109
2-1704-ND	111550
2-1704-ND-1	111550
2-1705-ND	113110
2-1708-ND	111783
2-1709-ND	113112
2-1710-ND	111556
2-1711-ND	111556
2-1712-FD	112591
2-1712-FD-1	112591
2-1713-VA	113122
2-1714-ND	113111
2-1714-ND-1	113111
2-1715-ND	113113
2-1715-ND-1	113113
2-1719-FD	111374
2-1719-FD-1	111374
2-1720-BO	111851
2-1721-BO	112819
2-1722-BO	110847
2-1723-HI	110332
2-1724-HI	110156
2-1724-HI-1	110156
2-1726-ND	110627
2-1727-MI	110292
2-1728-MI	110182
2-1729-MI	110283
2-1730-ND	110474
2-1732-MI	111011
2-1733-MI	110415
2-1734-HI	110355
2-1734-HI-1	110355
2-1735-HI	110160
2-1736-HI-1	110617
2-1737-ND	110626
2-1738-MI	113128
2-1738-MI-1	113128
2-1739-ND	113114
2-1740-MI	110256
2-1741-1	110155
2-1741-HI	110155
2-1741-MI	110155

O.E. No.	HC-CARGO
WAI	
2-1742-ND	110486
2-1743-ND	110485
2-1744-ND	110934
2-1745-ND	113131
2-1746-ND	110486
2-1747-MI	112275
2-1748	112276
2-1748-MI	112276
2-1748-MI-1	112276
2-1749-DR	112267
2-1750-ND	110942
2-1753-ND	113428
2-1754-ND	110490
2-1755-FD	112340
2-1755-FD-1	112340
2-1756-FD	112235
2-1756-FD-1	112235
2-1757-FD	112606
2-1758-DR	111786
2-1759-DR	111699
2-1760-DR-2	111699
2-1760DR	111699
2-1761-ND	110149
2-1764-BO	111347
2-1765-BO	111865
2-1766-HD	111835
2-1767-HD	111836
2-1768-MI	113816
2-1769-MI	113229
2-1770-MI	113234
2-1771-MI	112846
2-1772-MI	113136
2-1772-MI-2	113136
2-1774-MI	111552
2-1775-HI	112677
2-1776-HI	110820
2-1777-HI	110478
2-1779-BO	111759
2-1780-MI	111300
2-1781-MI	110947
2-1782-MI	112301
2-1783-MI	111310
2-1786-ND	113115
2-1786-ND-2	113115
2-1787-DR	113011
2-1789-DR	111786
2-1790-DR	112911
2-1791-ND	111837
2-1794-BO	112133
2-1796-DR	112912
2-1796-DR-9	112912
2-1797-DR	112898
2-1798-MT	110312
2-1799-FD	112646
2-1799-FD-1	112646
2-1800-FD	112586
2-1800-FD-1	112586
2-1801-FD	113226
2-1802-FD	112607
2-1803-BO	111755
2-1805-RO	110640
2-1806-FD	111183
2-1806-FD-1	111183
2-1807-ND	113116
2-1807-ND-2	113116
2-1809-DR	112897
2-1810-DR	111127
2-1811-DR	112906
2-1811-DR-2	112906
2-1814-DR	112900
2-1814-DR-1	112900
2-1816-BO	112459
2-1818-MI	113138
2-1819-DR	112907
2-1819-DR-1	112907
2-1819-DR-2	112907
2-1820-MI	113287
2-1821-ND	113241
2-1822-ND	113240
2-1823-ND	113117
2-1827-ND	113118

O.E. No.	HC-CARGO
WAI	
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Cross Reference List

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