

NEW ISKRA APPLICATIONS

Edition 2004/1

NEW ALTERNATORS

IA 1058
IA 1090
IA 1091
IA 1126
IA 1127
IA 1134
IA 1150

NEW STARTER MOTORS

IS 1077
IS 1078
IS 1087
IS 1088
IS 1089
IS 1090
IS 1094
IS 1095

NEW DC COMMUTATOR MOTORS

IM 0212	IM 0219	IM 0226	IM 0235
IM 0213	IM 0220	IM 0227	IM 0236
IM 0214	IM 0221	IM 0228	IM 0237
IM 0215	IM 0222	IM 0229	
IM 0216	IM 0223	IM 0230	
IM 0217	IM 0224	IM 0231	
IM 0218	IM 0225	IM 0234	

February 2004

NEW ALTERNATOR

Aftermarket P/N: **IA 1058**
O.E. P/N: **11.203.124**
Type No.: **AAN5138**
Technical specification: **14V 150A**



APPLICATIONS

Tractors

CASE (USA)

COMBINES 1420, 1440, 1460, 1470, 1480, 1620, 1640, 1644, 1660, 1666, 1668, 1670, 1680, 1682, 1688, 1690, 2144, 2166, 2188, 1822, 2022, 2055, 2155;

TRACTORS-FARM 2055, 7110, 7120, 7130, 7140, 7150, 7210, 7220, 7230, 7240, 7250, 8930, 9110, 9130, 9150, 9170, 9180, 9210, 9230, 9240

JOHN DEERE (USA)

FELLER BUNCHERS 653;

LOADERS 544G, 624G, 644G;

SKIDDERS 540E, 540G, 548E, 548G, 640E, 640G, 640G, 648D, 648E, 740E, 740G, 748E, 748G;

TOOL CARRIERS 544G

CROSS REFERENCES

BOSCH: 0120468028, 0120468055, 0986043480

CASE: 20-2360 T 91, 91-448 C 2

DELCO REMY: 10459037, 10459367, 10459498, 10459510, 10459547, 1105538, 1117898, 19010147

DIXIE: A-6255

FIAT: 605576460

HELLA: 8EL 737 080-001, 8EL 737 561-001, CA 1381 IR, UA 1108 IR

LESTER: 12162

WILSON: 90-15-6231

NEW ALTERNATOR

Aftermarket P/N:

O.E. P/N:

Type No.:

Technical specification:

IA 1090

11.203.183

AAK5389

14V 80A



APPLICATIONS

Passenger cars

RENAULT

LAGUNA 1.8i, 2.0i;

LAGUNA Grandtour 1.8i, 2.0i;

NEVADA 1.8i, 2.0i

CROSS REFERENCES

BOSCH: 0986040001

HELLA: 8EL 731 730-001, CA 896 IR

PARIS-RHONE: A 11 VI 26

RENAULT: 77 00 857 074, 77 00 857 075, 77 01 352 301

VALEO: 436 465

NEW ALTERNATOR

Aftermarket P/N:

IA 1091

O.E. P/N:

11.203.227

Type No.:

AAK5521

Technical specification:

14V 110A



APPLICATIONS

Passenger cars

RENAULT

ESPACE 2.2 Diesel Turbo;

LAGUNA 2.2 Diesel;

LAGUNA Grandtour 2.2D, 2.2D Turbo;

NEVADA 2.2 Diesel, 2.2 Diesel Turbo;

SAFRANE 2.2i

CROSS REFERENCES

BOSCH: 0986042201

HELLA: 8EL 732 708-001, 8EL 737 451-001, CA 1036 IR,
CA 1309 IR

PARIS-RHONE: A 13 VI 153, A 13 VI 210, A 13 VI 57

RENAULT: 77 00 414 371, 77 00 416 985, 77 00 424 595,
77 01 499 611

VALEO: 436 662, 436 729

NEW ALTERNATOR

Aftermarket P/N: **IA 1126**
O.E. P/N: **11.203.129**
Type No.: **AAN5139**
Technical specification: **14V 150A**



APPLICATIONS

AGCO DO BRASIL

CROSS REFERENCES

AGCO: 620 1811 M91
PRESTOLITE: 0705 06 T1

NEW ALTERNATOR

Aftermarket P/N:

O.E. P/N:

Type No.:

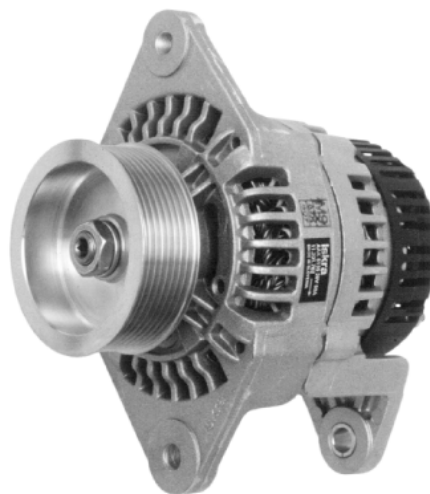
Technical specification:

IA 1127

11.203.215

AAK5517

28V 60A



APPLICATIONS

Trucks, buses

VOLVO

B 12-CH 5000; FH 16-470, 520; FH 1 12-340-460;

FH 2 12-340-500; FL 10; FL 12; FM 10-320,360;

FM 7-250-310; FM 9-260-380; FM 1/2 12-340-460

CROSS REFERENCES

HELLA: 8EL 732 874 001, CA 1049 IR

PARIS-RHONE: A 14 N 183 M

VALEO: 436 393

VOLVO: 3986428, 8144401

NEW ALTERNATOR

Aftermarket P/N: **IA 1134**
O.E. P/N: **11.203.205**
Type No.: **AAK5396**
Technical specification: **14V 100A**



APPLICATIONS

Passenger cars
LAND ROVER
DISCOVERY I/II 2.5TDI,
DISCOVERY MK II 2.0 16V,
RANGE ROVER II 2,5TDI

CROSS REFERENCES

BOSCH: 0986044761
HELLA: 8EL 737 211-001, 8EL 737 525-001, CA 1191 IR,
CA 1337 IR
LUCAS: LRB 384
MAGNETI MARELLI: 540 22 459, 633 41321 010,
633 41358 010, MAN 674, MAN 831
ROVER: AMR 5425, YLE 10075, YLE 10113

NEW ALTERNATOR

Aftermarket P/N: **IA 1150**
O.E. P/N: **11.203.275**
Type No.: **AAN5171**
Technical specification: **28V 80A**



APPLICATIONS

Trucks, buses

VOLVO

B 12-CH 5000; FH 16-470, 520; FH 1 12-340-460;
FH 2 12-340-500; FL 10; FL 12; FM 10-320,360;
FM 7-250-310; FM 9-260-380; FM 1/2 12-340-460

CROSS REFERENCES

BOSCH: 0120468093, 0120468135, 0120468144,
0120469018, 0120469033, 0120469044, 0986039260,
6033GB3020, 6033GB3021

HELLA: 8 EL 732 690-001, CA 907 IR

VOLVO: 1096757, 1096758, 3986428, 3986429, 8113915,
8144401, 8156816, 8156817, 8521761

WILSON: 90-15-6409, 90-15-6411, 90-15-6413

NEW STARTER MOTOR

Aftermarket P/N: **IS 1077**
O.E. P/N: **11.131.117**
Type No.: **AZF4611**
Technical specification: **12V 4,2kW z10**



APPLICATIONS

Tractors

CASE (USA)

COMBINES 1620, 1640, 1644, 1666, 1668, 1670, 1680, 1688, 1690, 2144, 2166, 2188, 2366;

COTTON HARVESTERS 1822, 1844, 2055, 2155;

COTTON PICKERS 1822, 1844, 2055, 2155;

TRACTORS 1896, 2055, 2090, 2094, 2096, 2290, 2294, 2390, 2394, 2470, 2590, 2594, 2670, 2870, 3294, 3394, 3594, 4490, 4494, 4690, 4694, 4890, 4894, 4994, 7110, 7120, 7130, 7140, 7210, 7220, 7230, 7240, 7250, 8930, 9110, 9130, 9210, 9230, 9240, 9310, 9330

Engines

CUMMINS

SERIE C 8,3 Ltr.

CROSS REFERENCES

CUMMINS: 3283813, 3675245 RX, 3920328, 87419387

DELCO REMY: 10465537

DENSO: 228000-5620, 228000-5621, 228000-6391

LESTER: 18343

ONAN: 0191-2212

NOTE: STARTER CAN SUPERSEDED P/N IS 1089 (NOSE VERSION)

NEW STARTER MOTOR

Aftermarket P/N:

IS 1078

O.E. P/N:

11.131.016

Type No.:

AZG4605

Technical specification:

24V 6,5kW z12



APPLICATIONS

Trucks, buses

MERCEDES-BENZ

ACTROS 1831, 1831-4143, 1831AK, 1831L, 1835, 1835AK, 1835L, 1840, 1840AK, 1840L, 1843, 1843AK, 1843L, 1848-4148, 1848-4148, 2031, 2031A, 2035A, 2040, 2040A, 2531, 2531L, 2535L, 2540, 2540L, 2543, 2543L, 2631, 2631L, 2635, 2635L, 2640, 2640L, 2643, 2643L, 3231, 3235, 3240, 3243, 3331, 3331A, 3335, 3340, 3340A, 3343, 3343A, 4140, 4140A, 4143, 4143A; TRAVEGO O580

CROSS REFERENCES

BOSCH: 0001371019, 0001372001, 0986017320

HELLA: 8EA 737 494-001, CS 1077

MERCEDES-BENZ: 004 151 88 01, 004 151 90 01, 004 151 94 01, 004 151 95 01

NEW STARTER MOTOR

Aftermarket P/N:	IS 1087
O.E. P/N:	11.131.266
Type No.:	AZF4575
Technical specification:	24V 4,0kW z10



APPLICATIONS **JOHN DEERE** Marine Engines

**CROSS
REFERENCES** **JOHN DEERE:** RE 522334

NOTE: STARTER WITH INSULATED GROUND

NEW STARTER MOTOR

Aftermarket P/N: **IS 1088**
O.E. P/N: **11.131.274**
Type No.: **AZF4573**
Technical specification: **24V 4,0kW z10**



APPLICATIONS

Engines
JOHN DEERE
3029 , 4045

CROSS REFERENCES

DELCO REMY: 1113272, 1998519
JOHN DEERE: RE 51725, RE 52150, RE 522738
WILSON: 91-01-4377

NOTE: STARTER CAN SUPERSEDED P/N IS 0662 – 11.130.662 AZJ3326

NEW STARTER MOTOR

Aftermarket P/N: **IS 1089**
O.E. P/N: **11.131.300**
Type No.: **AZF4577**
Technical specification: **12V 4,2kW z10**



APPLICATIONS

Tractors

CASE (USA)

COMBINES 1620, 1640, 1644, 1666, 1668, 1670, 1680, 1688, 1690, 2144, 2166, 2188, 2366;
COTTON HARVESTERS 1822, 1844, 2055, 2155;
COTTON PICKERS 1822, 1844, 2055, 2155;
TRACTORS 1896, 2055, 2090, 2094, 2096, 2290, 2294, 2390, 2394, 2470, 2590, 2594, 2670, 2870, 3294, 3394, 3594, 4490, 4494, 4690, 4694, 4890, 4894, 4994, 7110, 7120, 7130, 7140, 7210, 7220, 7230, 7240, 7250, 8930, 9110, 9130, 9210, 9230, 9240, 9310, 9330

CROSS REFERENCES

CASE (USA): 91902 C1, A162469, A187728

CUMMINS: 3920328

DELCO REMY: 10461645

DENSO: 0128000-4340, 0128000-5330, 0128000-5331, 0128000-9800, 0128000-9801, 028000-7430, 028000-7431

DIXIE: S8098, S8285

LESTER: 17353

WILSON: 91-29-5060

ONAN: 0191 2212, 0191 2347

NOTE: LOOK ALSO IS 1077 - NOSELESS VERSION

NEW STARTER MOTOR

Aftermarket P/N: **IS 1090**
O.E. P/N: **11.131.198**
Type No.: **AZE4557**
Technical specification: **12V 3kW z10**



APPLICATIONS

Engines

CUMMINS

B SERIE 3,9 Ltr./5,9 Ltr.

Trucks, buses

FORD

COMMERCIAL CHASSIS; E350 SERIES VAN; E47 SERIES; F250 SERIE;
F350 SERIE; F59 SERIES; FREIGHTLINER;
F-SUPER DUTY; HEAVY DUTY; MEDIUM;
STRIPPED CHASSIS

KENWORTH

Trucks with Cummins engines

OTTAWA

Trucks with Cummins engines

STERLING

ISB 5,9 Ltr.

CROSS REFERENCES

BOSCH: 0001362319, 0001367079

CUMMINS: 3283329, 3283330, 3604481 RX, 3604482 RX, 3604648,
3604654, 3604654 RX, 3901365, 3901386, 3904445, 3905480, 3909913,
3916854, 3935070

DELCO REMY: 10461453, 10465026, 10465043, 10465399, 10479621,
1113276, 1113292

DIXIE: 201-28106, S-8150

FORD: E 3 TF 11000 AA, E 3 TU 11000 AA, E 3 TZ 1100 2B, E 4 TF 11000
AA, E 4 TZ 11002 B, E 5 TF 11000 A,
E 5 TZ 211002 B, E 8 TZ 11000 AA, E 8 TZ 11002 A

HELLA:

8EA 730 322-001, UA 845

LESTER: 17037, 6573

MITSUBISHI: M 3 T 90071, M 3 T 90072, M 8 T 50171

PRESTOLITE: 35258940

WHITE: 30-3480429-1

WILSON: 90-01-4366, 91-01-4313, 91-27-3039

ONAN: 0119-2211, 0191-2346

NEW STARTER MOTOR

Aftermarket P/N: **IS 1094**
O.E. P/N: **11.131.137**
Type No.: **AZE2634**
Technical specification: **12V 1,1kW z10**



APPLICATIONS

Passenger cars

AUDI

A3 1.6, 1.8, 1.8 quattro, 1.8T, 1.8T quattro

SEAT

ALHAMBRA 2.0;

IBIZA 1.8 20V Cupra/Sport;

LEON 1.8 Turbo, 1.8 Turbo 20V Cupra R/Sport;

TOLEDO 1.8

SKODA

OCTAVIA 1.8, 1.8T, 2.0; OCTAVIA KOMBI 1.8, 1.8T

VW

BORA 2.0, Variant 2.0;

GOLF IV 1.8, 2.0, 2.0 4Motion;

GOLF IV 2.0 4Motion, Variant 1.8, 1.8 4Motion, Variant 2.0;

NEW BEETLE 2.0;

SHARAN 1,8 T, 2.0

CROSS REFERENCES

BOSCH: 0001121008, 0001121009, 0986018040

HELLA: 8EA 737 579-001, CS 1119

VW: 02A 911 023 L

NEW STARTER MOTOR

Aftermarket P/N: **IS 1095**
O.E. P/N: **11.131.271**
Type No.: **AZF4572**
Technical specification: **24V 4,0kW z10**



APPLICATIONS **IVECO** Engines: NEF; AIFO
Marine Applications

**CROSS
REFERENCES** **BOSCH:** 0001230027
IVECO: 08036231, 500389863

NOTE: STARTER WITH INSULATED GROUND

NEW DC COMMUTATOR MOTORS

Type: AME

Part number	Type	V / kW / min ⁻¹	Rotation	Note	Flange	Termo protection	Ventilation	Applications
IM 0212	AME	12V 0,5kW 2500 min ⁻¹	↔	Ig	C			LEWMAR MARINE
IM 0213	AME	12V 0,35kW 1450 min ⁻¹	↔	Ig	C			LEWMAR MARINE
IM 0214	AME	12V 0,8kW 3600 min ⁻¹	←	G	C			MONARCH
IM 0215	AME	24V 0,5kW 2800 min ⁻¹	↔	Ig	C			LEWMAR MARINE

Type: AMF

Part number	Type	V / kW / min ⁻¹	Rotation	Note	Flange	Termo protection	Ventilation	Applications
IM 0216	AMF	12V 1,2kW 2900 min ⁻¹	←	G	T			MONARCH
IM 0217	AMF	24V 1,2kW 3000 min ⁻¹	←	Ig	T			MONARCH

Type: AMJ

Part number	Type	V / kW / min ⁻¹	Rotation	Note	Flange	Termo protection	Ventilation	Applications
IM 0218	AMJ	12V 1,5kW 2300 min ⁻¹	→	Ig	B		X	BOSCH
IM 0219	AMJ	12V 2,1kW 2800 min ⁻¹	↔	G	T			SUPERWINCH
IM 0220	AMJ	12V 1,6kW 2800 min ⁻¹	↔	Ig	T	X		LEWMAR MARINE
IM 0221	AMJ	12V 2,1kW 2000 min ⁻¹	←	Ig	C			HPI
IM 0222	AMJ	12V 1,6kW 1500 min ⁻¹	←	G	T			MONARCH
IM 0223	AMJ	12V 1,5kW 3500 min ⁻¹	↔	G	T			SUPERWINCH
IM 0224	AMJ	12V 2,1kW 2000 min ⁻¹	←	Ig	C			HPI
IM 0225	AMJ	24V 2,1kW 4000 min ⁻¹	↔	G	T			SUPERWINCH
IM 0226	AMJ	24V 2,0kW 2400 min ⁻¹	↔	Ig	T	X		LEWMAR MARINE
IM 0227	AMJ	24V 2,0kW 3000 min ⁻¹	↔	G	T			SUPERWINCH

Legend:

Note: **Ig** – Insulated ground
 G – Grounded

Flange: **C** – Customer design flange
 T – Transport flange
 B – 40 X 40 Bosch design flange

NEW DC COMMUTATOR MOTORS

Type: AMK

Part number	Type	V / kW / min ⁻¹	Rotation	Note	Flange	Termo protection	Ventilation	Applications
IM 0228	AMK	12V 1,2kW 2800 min ⁻¹	↔	Ig	C	X		LEWMAR MARINE
IM 0229	AMK	24V 2,0kW 2000 min ⁻¹	↔	Ig	C	X		LEWMAR MARINE
IM 0230	AMK	48V 3,0kW 2350 min ⁻¹	→	Ig	R			BOSCH
IM 0231	AMK	48V 3,0kW 2350 min ⁻¹	→	Ig	T			SMITHS

Type: AMP

Part number	Type	V / kW / min-1	Rotation	Note	Flange	Termo protection	Ventilation	Applications
IM 0235	AMP	48V 1,0kW 1500 min ⁻¹	↔	Ig	C			TEREX

Type: AMT

Part number	Type	V / kW / min-1	Rotation	Note	Flange	Termo protection	Ventilation	Applications
IM 0234	AMT	36V 6,9kW 2100 min ⁻¹	←	Ig	C	X	X	NACCO
IM 0236	AMT	48V 4,0kW 1800 min ⁻¹	↔	Ig	C		X	TEREX
IM 0237	AMT	48V 4,0kW 1800 min ⁻¹	↔	Ig	C			TEREX

Legend:

Note: **Ig** – Insulated ground

Flange: **T** – Transport flange
R – Round Bosch design flange
C – Customer design flange