

May 2018

BOSCH

WATER COOL

ALTERNATOR

Component Parts



Metro Auto Industrial Inc.

Toll Free: 1-800-263-8761

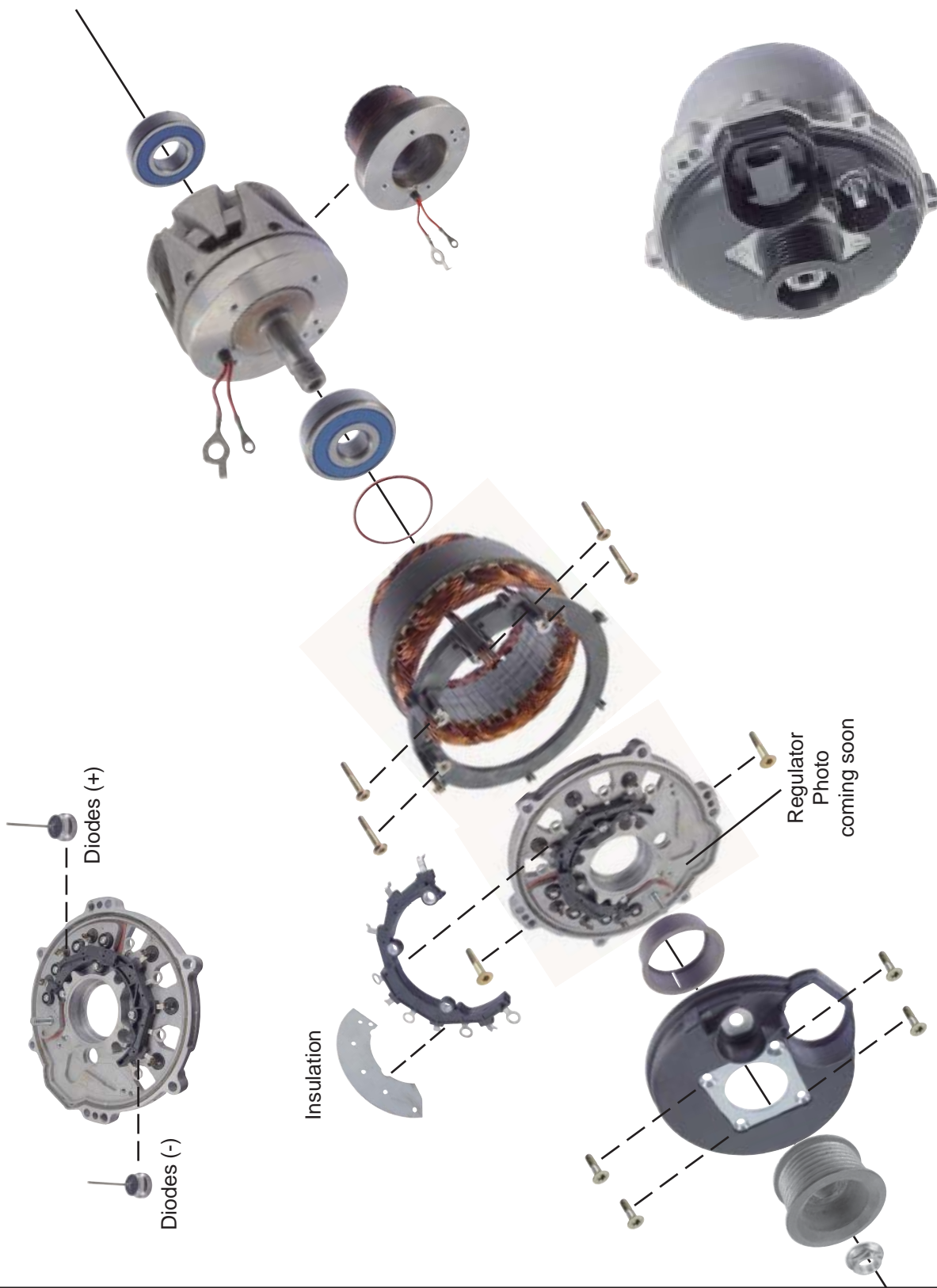
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Bosch Water Cool unit

Lester	OEM	Volt	Amp	Rotation	PIC#	Car	Pulley
13815	0-122-468-015	14	150	CW	220-5075A	BMW	7GV-49mm OD
13975	0-122-0AA-0D0	14	150	CW	220-5077A	Mercedes	7GV-50mm OD
13976	0-122-0AA-090	14	180	CW	220-5078	BMW	6GV
11067	0-122-0AA-2B0	14	150	CW	220-5062	BMW	6GV-50mm OD
11074	0-122-0AA-1H0	14	150	CW	220-5075B	BMW	7GV
11078	0-122-0AA-160	14	180	CW	220-5061	BMW	6GV-49mm OD
11079	0-122-0AA-2C0	14	180	CW	220-5084	Mercedes	7GV-50mm OD
11080	0-122-0AA-1D0	14	180	CW	220-5079	Mercedes	7GV-50mm OD
22952	0-122-0AA-0B0	14	150	CW	220-5381	Mercedes	6GV-Clutch Pulley
220-5387	0-122-0AA-2A0	14	150	CW	220-5387		

Bosch Water Cool Alternator Exploded View



Bosch Unit



Cars:

BMW 540 SERIES 4.4L 1999-00

BMW 740 SERIES 4.4L 1999-00

BMW 750 SERIES 5.4L 1999-00

BMW X5 4.4L 2000

Landrover Range Rover 4.4L2003-08

13815N

**Alternator-Bosch
12V, CW, 150 Amp**

Type: 122 Series Water Cooled

OE: 0-122-468-015

Lester: 13815

Ref: PIC# 220-5075

Note:



13976R

**Alternator-Bosch
12V, CW, 180 Amp**

Type: Water Cooled

OE: 0-122-0AA-090

Lester: 13976

Ref: PIC# 220-5078

Note:

Bosch Water Cool Alternator



**10-3043-4
Bearing-DE**

For: Bosch Alternator DE; Ford 6G Alternator DE

Replace:

Dim: 17mmBorex52mmOD
17mm W

Lester: 13243, 13260, 13269, 13270, 13356, 13357, 13359, 13360, 13363, 13364, 13366, 13367, 13372, 13376, 13465, 13469, 13526, 13610, 13611, 13613, 13623, 13624, 13631, 13710, 13729, 13734, 13772, 13779, 13793, 13797, 13798, 13811, 13812, 13815, 13819, 13976, 14820, 7797

OE:

Ref: 10-3043-4

Note:



**6-203-4
Bearing-SRE**

For:Chrysler, Delco, Ford, Leece-Neville, Motorola; European & Japanese Alternators

Replace:

Dim: 17mmBorex40mmOD
12mm W

Lester: 11078, 13815, 13976

OE:

Ref: 6-203-4, 6203

Note:



**24-317
Pulley
7 Groove**

For:

Replace: F-00M-991-030

Dim: 48.6mm OD x 30.7mm W
17mm Bore

Lester: 13815

OE:

Ref:

Note:



**24-322
Pulley
6 Groove**

For:

Replace: F-00M-991-030

Dim: 49mm OD x 21mm Belt
17mm Bore

Lester: 11078, 13976

OE: 0-122-0AA-090

Ref:

Note:

Bosch Water Cool Alternator



27-91001
Stator
14V, 150 Amp

For: Bosch Water cool Alternators

Replace:

Dim: 112mm ID x 142mm OD

Lester: 13815

OE: 0-122-0AA-090

Ref: AB-02316

Note:



28-91002
Rotor Coil Assy
14V, 150 Amp

For: Bosch Water cool Alternators

Replace:

Dim:

Lester: 13815, 13976

OE: 0-122-0AA-090

Ref: AB-01316CS

Note:

No Photo Available

29-91001
Bracket/Stator Assy
150 Amp

For: Bosch Water cool Alternators

Replace:

Dim:

Lester: 13815

OE:

Ref: 48-9001, 07171

Note:

No Photo Available

27-91002
Stator
14V, 180 Amp

For: Bosch Water cool Alternators

Replace:

Dim: 112mm ID x 142mm OD

Lester: 13976

OE:

Ref:

Note:



28-91005
Rotor Coil Assy
14V, 180 Amp

For: Bosch Water cool Alternators

Replace:

Dim:

Lester: 13976

OE:

Ref:

Note:

No Photo Available

29-91002
Bracket/Stator Assy
180 Amp

For: Bosch Water cool Alternators

Replace:

Dim:

Lester: 13976

OE:

Ref:

Note:

Bosch Water Cool Alternator



30-91001
Rotor Assy
14V, 150 Amp-180 Amp

For: Bosch Water cool Alternators

Replace:

Dim: 111mm OD x 145mm OAL

Lester: 13815, 13976

OE: 0-122-0AA-090

Ref: AB-01316

Note:



30-91002
Rotor Assy
14V, 180 Amp

For: Bosch Water cool Alternators

Replace:

Dim:

Lester: 13976

OE:

Ref:

Note: Caninterchange with 30-91001.

Bosch Water Cool Alternator



**31-91200
Rectifier Assy**

For: Bosch Water Cool alternators
Replace:
Dim: M8x1.25
Lester: 11074, 13815, 13975, 13976
OE:
Ref: AB-07316, IBR2201
Note:



**31-91201
Rack-Rectifier**

For: Bosch Water Cool alternators
Replace:
Dim:
Lester: 11078, 13815, 22952
OE:
Ref: IBR2201-2
Note:



**31-91202
Lead Frame-Stator**

For: Bosch Water Cool alternators
Replace:
Dim: 112.5mm ID x 142mm OD
Lester: 11078, 11079, 11080, 13815
OE:
Ref:
Note:



**32-915002
Diodes-Negative
50 Amp/20-24 Volt Avalanche,
13mm Press-Fit**

For:
Replace: 0-270-300-056
Dim: Lead 28mm OAL
Lester: 13815
OE:
Ref: 32-1050101
Note:



**32-915005
Diodes-Negative
70 Amp/20-24V Avalanche
13mm Press-Fit**

For:
Replace: 0-270-300-055
Dim: Lead 28mm OAL
Lester: 11078, 13815, 13976
OE:
Ref:
Note:



**32-915003
Diodes-Positive
50 Amp/20-24 Volt Avalanche,
13mm Press-Fit**

For:
Replace: 0-270-300-055
Dim: Lead 28mm OAL
Lester: 13815
OE:
Ref: 32-1050100
Note:



**32-82003N
Diodes
80 Amp/24-32V Avalanche
13mm Press-Fit**

For: Bosch Water Cool alternators
Replace:
Dim:
Lester: 11078, 13815, 13976
OE:
Ref: IB200
Note:



**32-915004
Diodes-Positive
70 Amp/20-24V Avalanche
13mm Press-Fit**

For:
Replace: 0-270-300-055
Dim: Lead 28mm OAL
Lester: 11078, 13815, 13976
OE:
Ref:
Note:



**32-82003P
Diodes
80 Amp/24-32V Avalanche
13mm Press-Fit**

For: Bosch Water Cool alternators
Replace:
Dim:
Lester: 11078, 13815, 13976
OE:
Ref:
Note:

Bosch Water Cool Alternator

No Photo
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**35-91001
Regulator
12V, 150Amp**

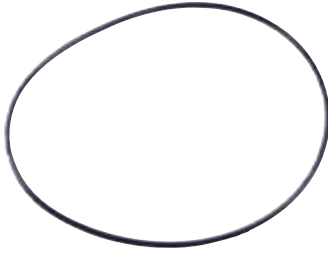
For: Bosch Water Cool alternators
Replace: F-00M-255-200, F-00M-255-201
Dim:
Lester: 11067, 11074, 13815
OE:
Ref: IB200, AB-10316
Note:



**35-91002
Regulator
12V, 180Amp**

For: Bosch Water Cool alternators
Replace:
Dim:
Lester: 13976
OE:
Ref: W080-74A
Note: PCM Control

Bosch Water Cool Alternator



**41-91001
Seal-DE Cover**

For: Bosch Water Cool alternators
Replace: 0-122-1AA-500
Dim: 53.5mm ID, 2.3mm Thick
Lester: 11078, 13815, 13976
OE:
Ref: AB-03316J
Note:



**46-91035
DE Cover**

For: Bosch Water Cool alternators
Replace:
Dim: 161mm OD, 8mm B+
Lester: 11074, 11078, 11079, 11080, 13815, 13976
OE:
Ref: W010-37
Note: Plastic material.



**46-91036
Tolerance Ring-SRE**

For: Bosch Water Cool alternators
Replace:
Dim: 40mm ID, 43mm OD, 16.7mm W
Lester: 11078, 13815
OE:
Ref: AB-13248, W110-72, ABO2207
Note:



**41-91002
Insulation-Rectifier**

For: Bosch Water Cool alternators
Replace:
Dim:
Lester: 11074, 11078, 13815, 13975, 13976
OE:
Ref: 235363, AB-07316
Note: After market design



**41-91003
Oil Ring-DE Bearing**

For: Bosch Water Cool alternators
Replace:
Dim:
Lester: 13815, 13976
OE:
Ref:
Note:

Bosch Water Cool Alternator



84-82061 **Screw-Rectifier**

For: Bosch Water Cool alternators
Replace: 0-122-1AA-500
Dim: M5 x 0.8, 27mm L, 30mm OAL
Lester: 11078, 13815, 13976
OE:
Ref:
Note:



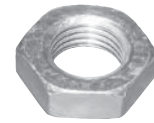
84-82062 **Screw-Lead Frame**

For: Bosch Water Cool alternators
Replace: 0-122-1AA-500
Dim: M5 x 0.8, 31mm L, 35.7mm OAL
Lester: 11078, 13815, 13976
OE:
Ref:
Note:



84-82060 **Screw-DE Cover**

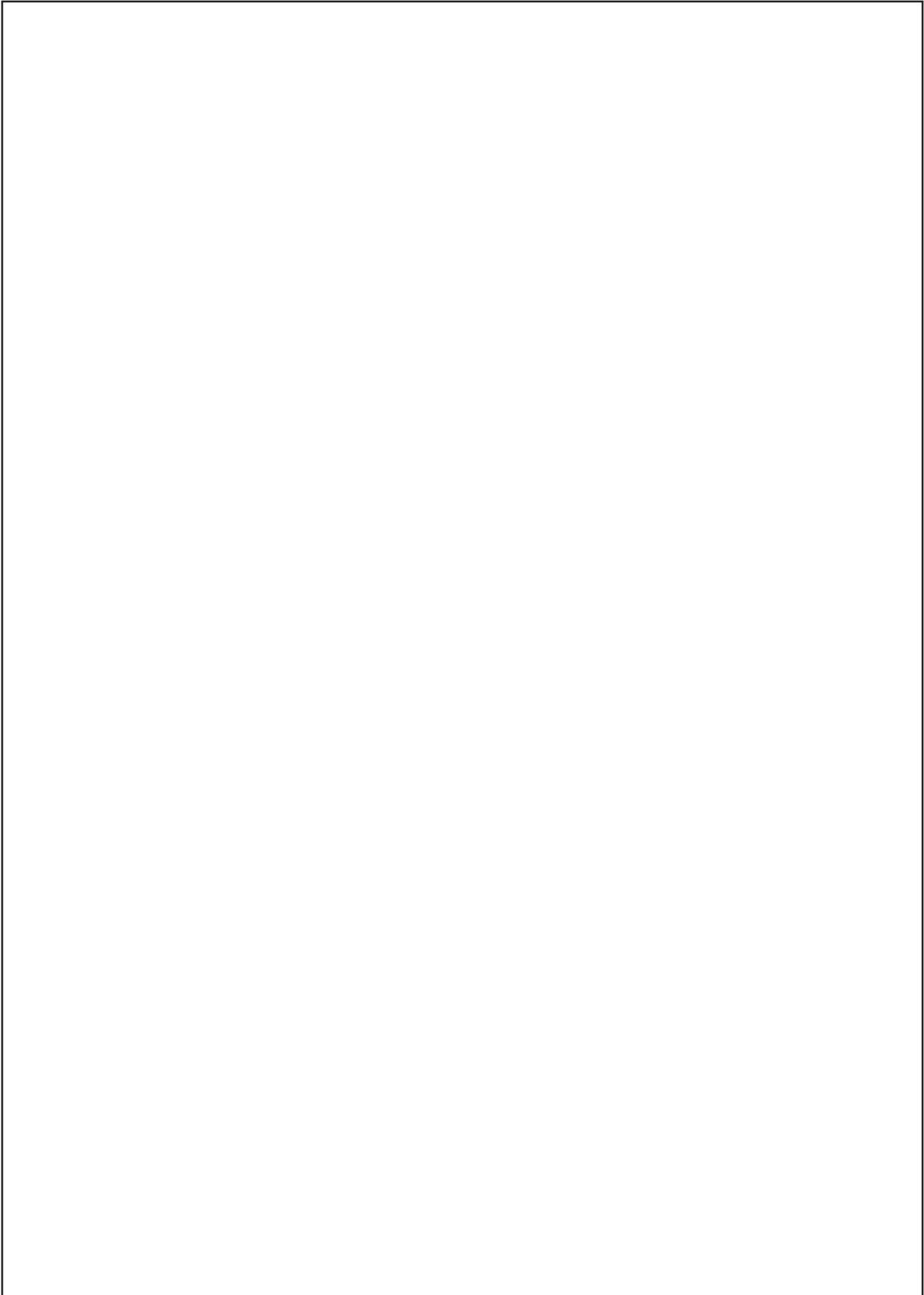
For: Bosch Water Cool alternators
Replace: 0-122-1AA-500
Dim: M5 x 0.8, 17.2mm L, 20mm OAL
Lester: 11078, 13815, 13976
OE:
Ref:
Note:



85-82116 **Flange Nut-Pulley**

For: Bosch Water Cool alternators
Replace:
Dim: M14x1.5x8mmTH
22mm Drive
Lester: 13815, 13976
OE:
Ref:
Note:

Note



Manufacturers and Supplier names and their part numbers are for reference use only.



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