

WATER COOL

Parts for

Delco, Hitachi, Valeo



Metro Auto Industrial Inc.

Toll Free: 1-800-263-8761

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Valeo Water Cool Parts
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Delco Water Cool Parts



**24-335
Pulley
(Solid Type)
7 Groove**

For: Delco Water Cool Alternators

Replace:

Dim: 17mm ID x 54mm OD x 25mm Belt

A:10mm

Lester: 11059

OE: 10480377

Ref:

Note: Similar to 24-326, but the height different.



**24-326Y
Pulley
(Solid Type)
7 Groove**

For: Delco Water Cool Alternators

Replace: 021041-9680

Dim: 17mm ID x 55mm OD x 25mm Belt

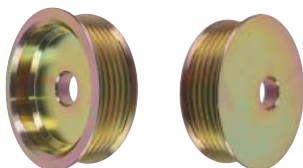
A:10mm

Lester: 11059, 11060

OE:

Ref:

Note: Similar to 24-335, but the height different.



**24-329Y
Pulley
(Solid Type)
5 Groove**

For: Delco Water Cool Alternators

Replace:

Dim: 17mm ID x 76mm OD x 19mm Belt

A:5mm

Lester: 11158

OE: 10480493

Ref:

Note:

Delco Water Cool Parts



**46-19002
Stud**

For: Delco Water Cool Alternators

Replace:

Dim: M6x1.0x12.5mmL/M5x0.8x13mmL,
30.8mm OAL

Lester: 11061

OE: 10480486

Ref:

Note:

Back



Front



**42-19002
Insulator Cover**

For: Hitachi Water Cool Alternators

Replace:

Dim: 60.7mm L x 25.25mm W

Lester: 11249

OE: 10480487

Ref:

Note:



**46-19003
Bearing Retainer**

For: Delco Water Cool Alternators

Replace:

Dim:

Lester: 11059

OE: 10480377

Ref:

Note: Used w/84-82067 Retainer Screw.



**46-19001
Stud**

For: Delco Water Cool Alternators

Replace:

Dim: M6x1.0x12mmL/M5x0.8x13.5mmL,
53.7mm OAL

Lester: 11059

OE: 10480377

Ref:

Note:

Delco Water Cool Parts



46-97001
SRE Cover
190 Amp use

For: Delco Water Cool Alternators

Replace:

Dim: 145mm OD

Lester: 11059

OE: 10480377

Ref:

Note:



46-97004
SRE Cover
190 Amp use

For: Delco Water Cool Alternators

Replace:

Dim: 146mm OD, B+ Hole 20.2mm

Lester: 11158

OE: 10480493

Ref:

Note:



84-82067
Screw-Bearing Retainer

For: Delco Water Cool Alternators

Replace:

Dim:

Lester: 11059

OE: 10480377

Ref:

Note: Used w/46-19003 Bearing Retainer.



46-97002
SRE Cover
190 Amp use

For: Delco Water Cool Alternators

Replace:

Dim: 145mm OD

Lester: 11060

OE: 10480485

Ref:

Note:



46-97003
SRE Cover
190 Amp use

For: Delco Water Cool Alternators

Replace:

Dim: 146mm OD

Lester: 11061

OE: 10480486

Ref:

Note:

Delco Water Cool Parts

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Hitachi Water Cool Parts



10-30434N
Bearing-DE
14V, 150 Amp-180 Amp

For: Hitachi Water Cool Alternators
Replace:
Dim: 17mm ID x 52mm OD x 17mm W
Lester: 13815, 13976
OE: 0-122-0AA-090
Ref: AB-01316
Note:



22-81043
SRE Frame
12V, 190 Amp

For: Hitachi Water Cool Alternators
Replace:
Dim:
Lester: 11245
OE: LR1190-908B, LR1190-908C
Ref:
Note:



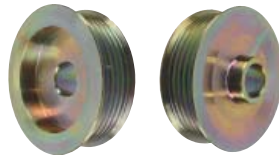
22-81044
SRE Frame
12V, 190 Amp

For: Hitachi Water Cool Alternators
Replace:
Dim:
Lester: 11213, 11246
OE: LR1190-902C, LR1190-926
Ref:
Note:



24-324Y
Pulley
7 Groove

For: Hitachi Water Cool Alternators
Replace:
Dim: 17mm ID x 55mm OD x 26mm W
9.5mm Height from hub to center of groove
Lester: 11246
OE: LR1190-905C
Ref:
Note: 11246 use two type Pulley, check 24-328Y.



24-327Y
Pulley
5 Groove

For: Hitachi Water Cool Alternators
Replace:
Dim: 17mm ID x 70.3mm OD x 19mm Belt
10mm from hub to center of 1st groove
Lester: 11213
OE: LR1190-902C, LR1190-926
Ref:
Note:



24-334
Pulley
5 Groove

For: Hitachi Water Cool Alternators
Replace:
Dim: 17mm ID x 77mm OD x 17mm Belt
10mm from hub to center of 1st groove
Lester: 11211
OE: LR1190-909
Ref:
Note:



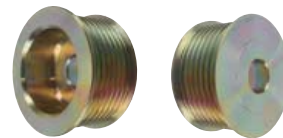
24-336
Pulley
5 Groove

For: Hitachi Water Cool Alternators
Replace:
Dim: 17mm ID x 61.1mm OD x 18mm W
mm Height from hub to center of groove
Lester: 11167
OE: LR1150-901, LR1150-901B
Ref:
Note:



24-337
Pulley
6 Groove

For: Hitachi Water Cool Alternators
Replace:
Dim: 17mm ID x 56.8mm OD x 21mm W
mm Height from hub to center of groove
Lester: 11858
OE: LR1190-946
Ref:
Note:



24-328Y
Pulley
7 Groove

For: Hitachi Water Cool Alternators
Replace:
Dim: 17mm ID x 57mm OD x 25mm W
4.3 mm Height from hub to center of first groove
Lester: 11246
OE: LR1190-905C
Ref:
Note: 11246 use two type Pulley, check 24-324Y.

Hitachi Water Cool Parts



**24CP-81003
Clutch Pulley
7 Groove**

For: Hitachi Water Cool Alternators

Replace:

Dim: 17mm ID x 56mm OD x 24mm Belt

Lester: 11245

OE: LR1190-908B, LR1190-908C

Ref:

Note:



**24CP-81005
Clutch Pulley
(COD Type Clutch Pulley)
18 Tooth**

For: Hitachi Water Cool Alternators

Replace:

Dim: 62mm Tooth OD, 76.1mm Total OD,

32.3mm Width

Lester: 11288

OE: LR1190-913

Ref: INA# F-237653

Note:



**24CP-81004
Clutch Pulley
6 Groove**

For: Hitachi Water Cool Alternators

Replace:

Dim: 17mm ID x 55.8mm OD x 21mm Belt

Lester: 11850

OE: LR1190-956B

Ref:

Note:



**24CP-81006
Clutch Pulley
(Clutch Type)
5 Groove**

For: Hitachi Water Cool Alternators

Replace:

Dim: 17mm ID x 72.5mm OD x 18mm Belt

72.5mm Total OD, 34.3mm Total Width

Lester: 11859

OE: LR1190-947, LR1190-947B

Ref: INA# F-574609

Note:



**24-353
Pulley
(Solid Type)
5 Groove**

For: Hitachi Water Cool Alternators

Replace:

Dim: 17mm ID x 89mm OD x 18mm Belt

23.4mm Width

A:5mm (Hub to center of the first groove)

Lester: 11284

OE: LR1190-920

Ref:

Note:

Hitachi Water Cool Parts



**31-81201
Rack-Rectifier**

For: Hitachi Water Cool Alternators
Replace:
Dim:
Lester: 11245, 11246, 11482
OE: LR1190-908B, LR1190-908C
Ref:
Note:



**35-81031
Regulator/Brush Holder
12V, 190 Amp**

For: Hitachi Water Cool Alternators
Replace:
Dim:
Lester: 11246
OE: LR1190-905C
Ref:
Note:



**31-81301
Plate-Rectifier**

For: Hitachi Water Cool Alternators
Replace:
Dim:
Lester: 11245, 11246, 11482
OE: LR1190-908B, LR1190-908C
Ref:
Note: without/12 Diodes.



**35-81033
Regulator/Brush Holder
12V, 190 Amp**

For: Hitachi Water Cool Alternators
Replace:
Dim:
Lester: 11500
OE: LR1190-935B, LR1190-935C
Ref:
Note:

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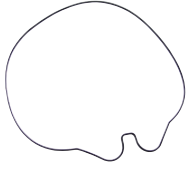
**31-81301-Diodes
Diodes-Rectifier
12-50A, Avalache**

For: Hitachi Water Cool Alternators
Replace:
Dim:
Lester: 11245, 11246, 11482
OE: LR1190-908B, LR1190-908C
Ref:
Note: 12 Diodes required per Rectifier.

**35-81036
Regulator/Brush Holder
12V, 190 Amp**

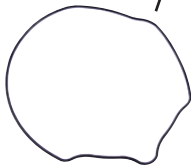
For: Porsche Cayenne
Replace:
Dim:
Lester: 11247
OE: LR1190-915, LR1190915B
Ref:
Note:

Hitachi Water Cool Parts



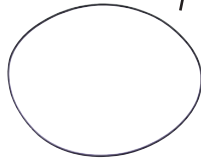
41-81001
Seal-DE to Rectifier Frame

For: Hitachi Water Cool Alternators
Replace:
Dim: mm Thickness
Lester: 11246
OE: LR1190-905C
Ref:
Note:



41-81002
Seal-Rectifier Frame
(for inside)

For: Hitachi Water Cool Alternators
Replace:
Dim: mm Thickness
Lester: 11246
OE: LR1190-905C
Ref:
Note:



41-81004
Seal-Rectifier Frame
(for outside)

For: Hitachi Water Cool Alternators
Replace:
Dim: 2mm Thickness
Lester: 11247
OE: LR1190-915
Ref:
Note:



41-81003
Insulation-Rectifier

For: Hitachi Water Cool Alternators
Replace:
Dim: mm Thickness
Lester: 11245, 11246, 11482
OE: LR1190-905C, LR1190-908B, LR1190-908C
Ref:
Note:



42-81023
Insulator

For: Hitachi Water Cool Alternators
Replace:
Dim: 8.3mm ID, 30mm OD, 23mm Height
Lester: 11211
OE: LR1190-909
Ref:
Note:



42-81024
Insulator

For: Hitachi Water Cool Alternators
Replace:
Dim: 8.3mm ID, 28mm OD, 21mm Height
Lester: 11246
OE: LR1190-905C
Ref:
Note:

Hitachi Water Cool Parts



**46-81007
SRE Cover**

For: Hitachi Water Cool Alternators
Replace:
Dim:
Lester: 11245
OE: LR1190-908B, LR1190-908C
Ref:
Note: Required Nut with this plastic SRE Cover.



**46-81008
SRE Cover**

For: Hitachi Water Cool Alternators
Replace:
Dim: 139mm OD
Lester: 11247
OE: LR1190-915
Ref:
Note: Plastic



**46-81009
SRE Cover**

For: Hitachi Water Cool Alternators
Replace:
Dim: 138mm OD
Lester: 11500
OE: LR1190-935B, LR1190-935C
Ref:
Note: Plastic+

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**84-82063
Screw-Regulator, Rectifier, Brush
Holder
Philips Hex Washer Head, w/
Cone Point**

For: Hitachi Water Cool Alternators
Replace:
Dim: M4 x 0.7 x 8mm L, 11.25mm OAL
Lester: 11245, 11246, 11247, 11482
OE: LR1190-905C, LR1190-908B, LR1190-908C, LR1190-915
Ref:
Note:

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**84-82064
Screw-Bearing Retainer
Philips/Slotted Pan Head w/Lock
washer, Cone Point**

For: Hitachi Water Cool Alternators
Replace:
Dim: M5 x 0.8 x 14.6mm L, 19.8mm OAL
Lester: 11246
OE: LR1190-905C
Ref:
Note:



**84-82065
Screw**

Hex Washer Head w/Dog Point

For: Hitachi Water Cool Alternators
Replace:
Dim: M5 x 0.8 x 17mm L, 21mm OAL
Lester: 11245
OE: LR1190-908B, LR1190-908C
Ref:
Note:



**84-82066
Screw-DE Housing**

Hex Washer Head w/Dog Point

For: Hitachi Water Cool Alternators
Replace:
Dim: M6 x 1.0 x 17.5mm L, 21.5mm OAL
Lester: 11246
OE: LR1190-905C
Ref:
Note:

Delco Water Cool Alternator

11061N 12V, 190Amp, SC7

OEM: 10480486, 10480491

Lester: 11061

Porsche Cayenne V6 3.2L 3189cc 2004-2006

Volkswagen Touareg V6 3.2L 3189cc 195cid 2004-2005

Touareg V6 3.2L 3200cc 195cid 2004-2005

Touareg V8 4.2L 4163cc AXQ 2007

Touareg V8 4.2L 4172cc 2004-2006

Touareg V8 4.2L 4172cc AXQ 2007

Volkswagen-Europe PHAETON 2004-2007

11158N 12V, 190Amp

OEM: 10480493

Lester: 11158

Note: similar to Hitachi 11211, only use different Pulley.

Audi S4 V8 4.2L 4163cc 2004-2005

Audi-Europe S4 Quattro 2003-2004

Hitachi Water Cool Alternator

11211N 12V, 190Amp, S5

OEM: LR1190-909, LR1190-909B

Lester: 11211

Note: similar to Delco 11158, only use different Pulley.

Audi S4 V8 4.2L 4163cc 2005-2007

Audi S4 V8 4.2L 4163cc

Audi-Europe S4 Quattro 2004-2008

11213N 12V, 190Amp, S5

OEM: LR1190-902, LR1190-902B, LR1190-902C

Lester: 11213

Audi A6 Quattro V8 4.2L 4163cc 2005-2008

A8 Quattro V8 4.2L 4163cc 2007-2009

A8 Quattro V8 4.2L 4172cc 2006

Audi-China A6 FV7421AT 4.2 2005-2012

Audi-Europe A6 Quattro 4.2 2004-2006

11219N 12V, 190Amp, S7

OEM: LR1190-901, LR1190-901B, LR1190-901C

Lester: 11219

Audi A8 Quattro W12 6.0L 5998cc 2005-2009

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

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Metro Auto Industrial Inc.

2128 Pomona Boulevard . Pomona . CA 91768-3332

Phone:(909)629-2700 . Fax:(909)629-2721

Toll Free: 1-800-263-8761

Toll Free Fax: 1-800-799-0838

www.metroautoinc.com

orders@metroautoinc.com

info@metroautoinc.com

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