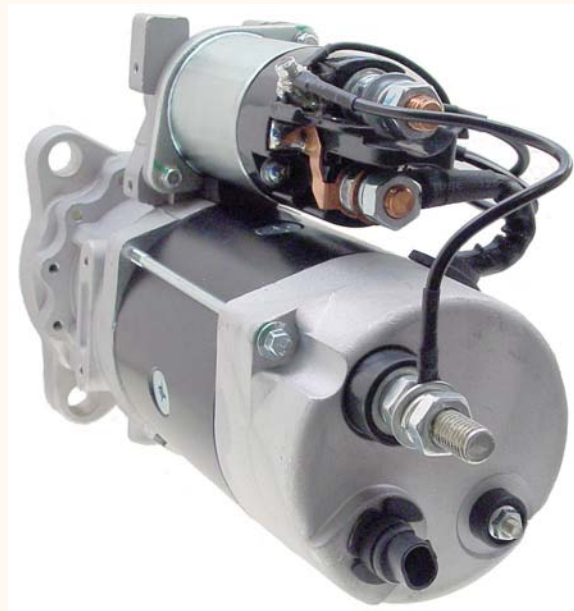
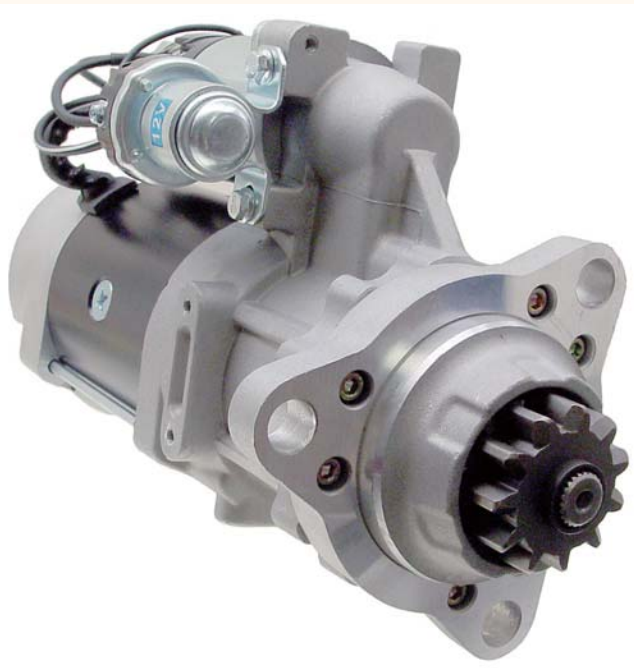


Delco 39MT Parts Catalog (12V & 24V)



Metro Auto Industrial Inc.

Toll Free: 1-800-263-8761

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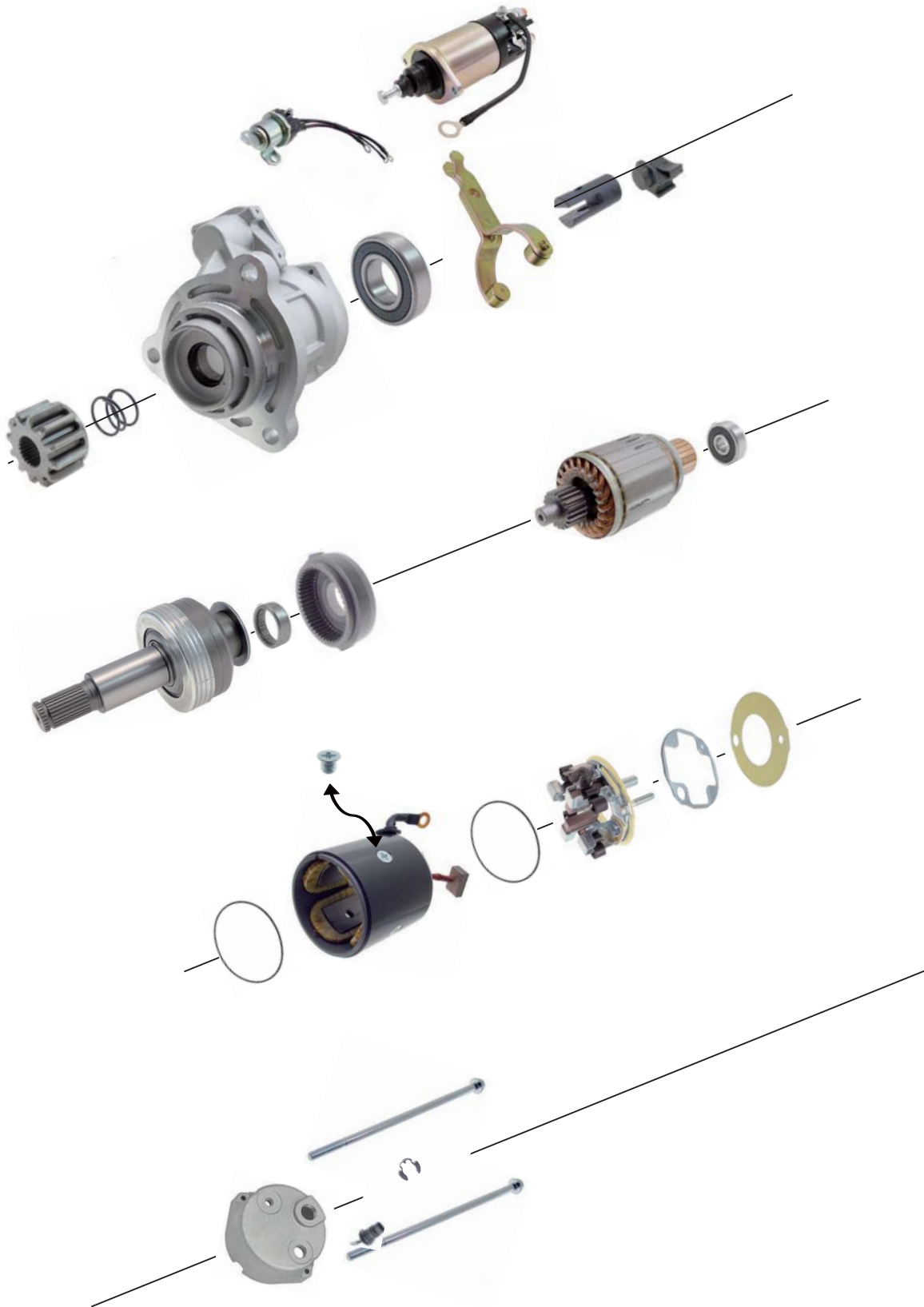
Care is taken to ensure the accuracy of photo, descriptions and applications of each items,
but Metro Auto Industrial Inc. assumes no responsibility for possible errors.
All the OE number and Lester number are for referece use only.

Delco 39MT Generation Specification

| | |
|---------------------|--|
| Generation 1 | <ul style="list-style-type: none">- 3-Bolt Solenoid, screw from front- DE Housing not rotatable |
| Generation 2 | <ul style="list-style-type: none">- 3-Bolt Solenoid, screw from back- DE Housing not rotatable |
| Generation 3 | <ul style="list-style-type: none">- 2-Bolt Solenoid, screw from back- DE Housing rotatable- 17.8mm Clutch Shaft- 23 Spline Clutch Shaft- Flat face Pinion Gear |
| Generation 4 | <ul style="list-style-type: none">- 2-Bolt Solenoid, screw from back- DE Housing rotatable- 20.2mm Clutch Shaft- 28 Spline Clutch Shaft- Step face Pinion Gear |

Please be noticed, 1st Generation and 2nd Generation their parts may not be interchangeable, please careful when you order the parts.

Exploded View



Bearing



6-2054
Bearing-DE Housing
(Double Sealed)

For: Delco 39MT
Used on:
Replace: 904983, Z99505
Dim: 25mmID x 52mmOD x 15mmW
OE:
Lester: 10459555, 10512027, 10512028,
10512029 ...
Ref: 6-205-4
Note:



6-3014
Bearing-CE Plate
(Double Sealed)

For: Delco 39MT
Used on:
Replace: Denso 128955-0180
Dim: 12mmID x 37mmOD x 12mmW
OE:
Lester: 12584, 17317, 18969, 18970,
19329, 19519, 19546, 19859,
30111, 6801, 6857, 6867, 6924
Ref: 6-301-4
Note:

Bearing



6-6228
Bearing-DE Housing
(Rubber Sealed)

For: Delco 38MT, 39MT
Used on:
Replace: 10532773
Dim: 28mmID x 58mmOD x 16mmW
OE:
Lester: 19519, 6867, 6924
Ref: 10-6228-4W, 130-01152, 5-5206
Note:

Bearing



8-303712
Needle Bearing-Planetary Gear

For: Delco 38MT, 39MT
Used on:
Replace: INA HK3012
Dim: 30mm ID x 37mm OD x 11.9mm W,
Open Side
OE:
Lester: 6807, 6867, 6924
Ref: 8-129, 4-3730
Note:

DE Housing



51-11051
DE Housing

For: Delco 39MT
Used on: 2nd Generation
Replace: 10512029
Dim:
OE:
Lester: 6805, 6811, 6815, 6821, 6826,
6836
Ref: 51-11515640-3903, 371-12206
Note: with Seal and Bearing

DE Housing



51-11053
DE Housing

For: Delco 39MT
Used on: 2nd Generation
Replace: 10512028
Dim:
OE:
Lester: 6817, 6827, 6852, 6853, 6993,
6994
Ref: 51-1153, 5640-3902, 371-12205
Note: 278 degree solenoid mounting
position
with Seal and Bearing

DE Housing



51-11055
DE Housing

For: Delco 39MT
Used on: 2nd Generation
Replace: 10512033
Dim:
OE:
Lester: 6802, 6812, 6851, 6913
Ref: 51-1155, 5640-3906, 371-12208
Note: with Seal and Bearing



51-11052
DE Housing

For: Delco 39MT
Used on: 2nd Generation
Replace: 10512027
Dim:
OE:
Lester: 6804, 6806, 6819, 6824, 6825,
6829, 6911, 6991
Ref: 51-1152, 5640-3901, 371-12212
Note: 82 degree solenoid mounting posi-
tion.
with Seal and Bearing



51-11054
DE Housing

For: Delco 39MT
Used on: 2nd Generation
Replace: 10512030
Dim:
OE:
Lester: 6803, 6813, 6820, 6830
Ref: 51-1154, 5640-3904, 371-12213
Note: 308 degree solenoid mounting
position
with Seal and Bearing

CE Plate



**52-1051
CE Plate**

For: Delco 39MT
Used on: 2nd Generation
Replace: 10511960, 10533328
Dim: 114.7mm OD
OE:
Lester: 6821, 6822, 6823, 6824, 6837,
6856, 6857, 6907, 6911, 6912,
6913, 6914, 6919, 6924, 6994
Ref: 52-151, 5740-211, 381-12049
Note: Includes Holes for Ground Stud &
OCP

CE Plate

CE Plate

CS Housing



7951-1001 Housing Kit

For: Delco 39MT, 2nd Generation
Used on: 2nd Generation
Replace: 10526467
Dim: Bolt size M6 x 1.0 x 30mm L,
36mm OAL
Bearing size: 58mm OD x 28mm
ID x 16mm W
OE:
Lester: 6804, 6805, 6806, 6811, 6813,
6814, 6815, 6819, 6821, 6822,
6823, 6824, 6825, 6826, 6830,
6836, 6837, 6856, 6857, 6907,
6909, 6911, 6912, 6913, 6919,
6924, 6991
Ref: 79-11131
Note: Includes the DE Plate, CS Housing,
O-Ring and 6 Bolts



7951-1002 Housing

For: Delco 39MT, 4th Generation
Used on:
Replace: 10518127
Dim:
OE:
Lester:
Ref:
Note: Includes the Plate, O-Ring and 6
Bolts

CS Housing

CS Housing

Gear & Drive



54-12016
Gear-Drive
12T, CW, 23-SPL

For: Delco 39MT
Used on:
Replace: 10511918
Dim: 16.4mm ID x 42.6mm OD x 26mm
L
Gear Length 23.5mm
OE:
Lester: 6828, 6854, 6855
Ref: 54-1216, 6240-701G
Note:



54-12017
Gear-Drive
11T, CW, 23-SPL

For: Delco 39MT
Used on: 3rd Generation
Replace: 10511753
Dim: 16.4mm D x 56mm OD x 26mm L
Gear Length 23.7mm
OE:
Lester: 6812, 6827, 6829
Ref: 54-1217, 6240-700G
Note:

Gear & Drive



54-12018
Gear-Drive
12T, CW, 23-SPL

For: Delco 38MT, 39MT
Used on: 3rd Generation
Replace: 10511838
Dim: 16.4mm D x 44.9mm OD x 26mm
L
Gear Length 23.5mm
OE:
Lester: 6816, 6820, 6821, 6836
Ref: 54-1218, 6240-702G
Note:



54-14001
Clutch-Drive
CW, 23-SPL

For: Delco 38MT, 39MT
Used on: 3rd Generation
Replace:
Dim: 144mm L, 72mm Clutch Barrel OD
Shaft OD 25mm
17.8mm OD at Pinion Splines
OE:
Lester: 6804, 6806, 6807, 6809, 6814,
6822, 6824, 6824, 6825, 6831,
6832, 6833, 6834, 6856, 6907,
6907, 6907, 6911, 6911, 6914
Ref: 54-1401, 6140-7003C
Note:

Shift Lever



55-1024
Shift Lever

For: Delco 39MT
Used on:
Replace: 10511817
Dim: Forks ID 35.2mm
OE:
Lester: 6812, 6820, 6825, 6829, 6851,
6854, 6911, 6991
Ref: 55-1024, 6840-121, 355-12030
Note:

Shift Lever Parts



55-14004
Support - Shift Lever

For: Delco 38MT, 39MT
Used on:
Replace: 10512004
Dim: 38.1mm L x 20mm OD
OE:
Lester: 6812, 6820, 6824, 6825, 6851,
6854, 6911, 6991
Ref: 55-1404, 6840-123A, 355-12031
Note:

Field Case



57-12039
Field Case Assy
12V, CW

For: Delco 39MT
Used on:
Replace: 10511404
Dim: 115mm OD x 114mm L
OE:
Lester: 6802, 6804, 6805, 6806, 6814, 6818
Ref: 57-1239, 5240-1239, 261-12184
Note:



57-12041
Field Case Assy
24V, CW

For: Delco 39MT
Used on:
Replace: 10511404
Dim: 115mm OD x 114mm L
OE:
Lester: 6803, 6813, 6819, 6826, 6829, 6836, 6851, 6852, 6853, 6991, 6993
Ref: 5240-1301B, 261-12483
Note:

Field Coil

Photo
Coming Soon

59-1084
Field Coil Assy
12V, CW

For: Delco 39MT
Used on:
Replace:
Dim: 28mm W x 63mm L
OE:
Lester: 6812, 6911
Ref: 59-184, 5240-39
Note:

Armature



61-1051
Armature
12V, CW

For: Delco 39MT
Used on:
Replace: 10511758, 10516266, 10528942
Dim: 197mm OAL
20-Splines
15mm Shaft OD, Front Bushing
12mm Shaft OD, Rear Bushing
OE:
Lester: 6802, 6804, 6805, 6806, 6811, 6814, 6815, 6816, 6817, 6818, 6820, 6821, 6822, 6824, 6825, 6827, 6828, 6830, 6854, 6855, 6856, 6872, 6881, 6907, 6910, 6911, 6912, 6913, 6914, 6924
Ref: 61-151, 5040-3413
Note: with CE Bearing



61-1052
Armature
24V, CW, 20-SPL

For: Delco 39MT
Used on:
Replace: 10511750, 10516269
Dim: 197mm OAL
15mm Shaft OD, Front Bearing
12mm Shaft OD, Rear Bearing
OE:
Lester: 6803, 6813, 6819, 6823, 6826, 6829, 6836, 6851, 6852, 6853, 6857, 6991, 6993, 6994
Ref: 61-152, 5040-1687, 5040-3414
Note: with CE Bearing

Solenoid



**66-1055
Solenoid
12V, 4-Terminal**

For: Delco 39MT
Used on: 2nd Generation
Replace: 10511408, 10511807, 10525863,
Dim: 10537417
Batt. Term. M12 x 1.75
Motor Term. M12 x 1.75
Switch Term. M5 x 0.8 Post
Grd. Term. M5 x 0.8 Hole
OE:
Lester: 6802, 6804, 6805, 6806, 6811,
6812, 6814, 6815, 6816, 6817,
6818, 6820, 6821, 6822, 6824,
6825, 6827, 6828, 6830, 6854,
6855, 6856, 6872, 6907, 6909,
6910, 6911, 6912, 6913, 6914,
6919, 6924
Ref: 66-155, 6640-400, 245-12138
Note: Bolt on Cap



**66-1056
Solenoid
24V, 4-Terminal**

For: Delco 39MT
Used on: 2nd Generation
Replace: 10511409, 10511799
Dim: Batt. Term. M12 x 1.75
Motor Term. M12 x 1.75
Switch Term. M5 x 0.8 Post
Grd. Term. M5 x 0.8 Hole
OE:
Lester: 6803, 6813, 6819, 6823, 6826,
6829, 6836, 6851, 6852, 6853,
6857, 6991, 6993, 6994
Ref: 66-156, 6640-405, 245-12139
Note:

Solenoid



**67-18008
Relay Switch
24V,**

For: Delco 39MT
Used on:
Replace: 10511415
Dim: Ground Terminal w/Ground Eyelet
Switch Terminal w/M5 Eyelet
ISO Ground
OE:
Lester: 30111, 6803, 6813, 6819, 6823,
6826, 6829, 6836, 6837, 6851,
6852, 6853, 6857, 6991, 6994
Ref: 67-1808, 6600-3001
Note:



**67-18009
Relay Switch
12V**

For: Delco 39MT
Used on:
Replace: 10511414, 10535916
Dim: Ground Terminal w/Ground Eyelet
Switch Terminal w/M5 Eyelet
ISO Ground
OE:
Lester: 18970, 19519, 6801, 6802, 6804,
6805, 6806, 6811, 6812, 6814,
6815, 6816, 6817, 6818, 6820,
6821, 6822, 6824, 6824, 6825,
6827, 6828, 6830, 6854, 6855,
6856, 6907, 6907, 6907, 6910,
6911, 6911, 6912, 6914, 6919,
6924, 6924
Ref: 67-1809, 6600-3000
Note:

Brush



68-1052
Brush - Field
12V-24V

For: Delco 39MT

Used on:

Replace:

Dim: 9.5mm T x 32mm W x 22.5mm L x
40mm LL

OE:

Lester: 6813, 6817, 6819, 6820, 6827,
6830, 6853, 6911

Ref: 68-152, 5403-2740

Note: Positive



68-1901
Brush - Ground
12V

For: Delco 39MT

Used on:

Replace:

Dim: 8mm T x 22.5mm W x 30mm L x
49mm LL

OE:

Lester: 6801, 6802, 6812, 6924

Ref: 5403-2742, 141-12046

Note: Negative

Brush Holder



69-1025K
Brush Holder Assy
12V-24V

For: Delco 39MT

Used on:

Replace:



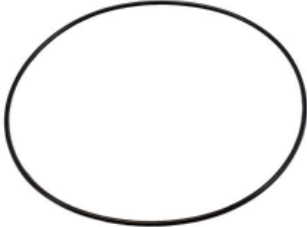

Dim:

OE:

Lester: 6801, 6802, 6804, 6805, 6806,
6812, 6813, 6814, 6816, 6818,
6819, 6822, 6853, 6911

Ref: 69-125, 5540-500, 151-12046

Note: w/Two Brush, and two Insulate
Plate.

| Plug | O-Ring | Misc. Parts |
|---|---|--|
|  <p>71-13045 Plug - Shift Lever</p> <p>For: Delco 39MT Used on: Replace: 10511747 Dim: OE: 10511402 Lester: Ref: 6940-4123 Note:</p> |  <p>71-15004 O-Ring - Shift Lever</p> <p>For: Delco 39MT Used on: Replace: 1894642, 191437 Dim: 6mm ID x 10mm OD x 1.8mm W OE: Lester: 17037, 17577, 17578, 19928, 30221, 3033, 3035, 3036, 3037, 3038, 3046, 3049, 3051, 3098, 3288, 3288, 3288, 3288, 3289, 3289, 3290, 3298, 3299, 3339, 3339, 3339, 3352, 3352, 3364, 3370, 3370, 3374, 3374, 3409, 3612, 3702, 3745, 3745, 3745, 3745, 3747, 3755, 3758 ... more Ref: 71-1504, 9140-4632 Note:</p>  <p>71-15014 O-Ring - Field Case</p> <p>For: Delco 39MT Used on: Replace: Dim: 107mm ID x 110mm OD x 1.8mm W OE: Lester: 6801, 6802, 6804, 6805, 6806, 6812, 6813, 6814, 6816, 6818, 6819, 6822, 6853, 6910, 6911, 6912, 6913 Ref: 71-1514, 9140-4639, 180-12129 Note:</p> |  <p>72-11013 Insulate Plate - Brush Holder</p> <p>For: Delco 39MT Used on: Replace: Dim: OE: Lester: Ref: Note: Used on Brush Holder 69-1025, use with another Insulate Plate 72-19002.</p> |

Hardware



84-82501
Screw - Pole Shoe

For: Denso OSGR Heavy Dyrtr, Delco 39MT

Used on:

Replace:

Dim: M10 x 1.50 x 12mm L
Thread Length 8.5mm

OE:

Lester: 30218, 6807, 6808, 6832, 6833

Ref: 85-1508, 9600-1032

Note:



84-89002
Retainer Ring - Thermostat

For: Delco 39MT

Used on:

Replace: 10498211

Dim: .6 ID x .060 T

OE:

Lester: 6244, 6251, 6272, 6279, 6295,
6394, 6399, 6502, 6504, 6507,
6507, 6513, 6545, 6546, 6548,
6552, 6553, 6554, 6556, 6559,
6566, 6569, 6621, 6623, 6639,
6680, 6682, 6682, 6769, 6775,
6777, 6778

Ref: 84-8906, 9740-4111

Note:

Hardware



84M-1382
Thru Bolt

For: Delco 29MT, 39MT

Used on:

Replace: 10510083, 10515835, 10517147

Dim: M6 x 1.0 x 155mm L

OE:

Lester: 16007, 19982, 19991, 30510,
3447, 5413, 5414, 6801, 6802,
6804, 6805, 6806, 6807, 6808,
6809, 6811, 6812, 6813, 6814,
6815, 6816, 6818, 6819, 6821,
6822, 6823, 6824, 6830, 6831,
6832, 6833, 6834, 6839, 6840,
6841, 6842, 6843, 6844, 6845,
6846, 6847, 6848, 6849, 6850,
6851, 6853, 6857, 6862, 6904,
6907, 6910, 6911, 6912, 6913,
6914, 6924, 6993, 6994

Ref: 85-1382, 9640-4122

Note:

Photo

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85-82134
Flange Nut

For: Denso, Delco

Used on:

Replace:

Dim: M12 x 1.75 x 11.6mmTH x 19mm D

OE:

Lester: 85-2506

Ref:

Note:



85-82002
Hex Nut

For: Denso & Delco

Used on:

Replace:

Dim: M6 x 1.0 x 10mm F x 6mm T

OE:

Lester:

Ref:

Note: - Serrated flange
- Zinc plated

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



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