

DENSO PMGR STARTERS PARTS & UNIT



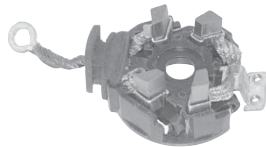
17825



17841

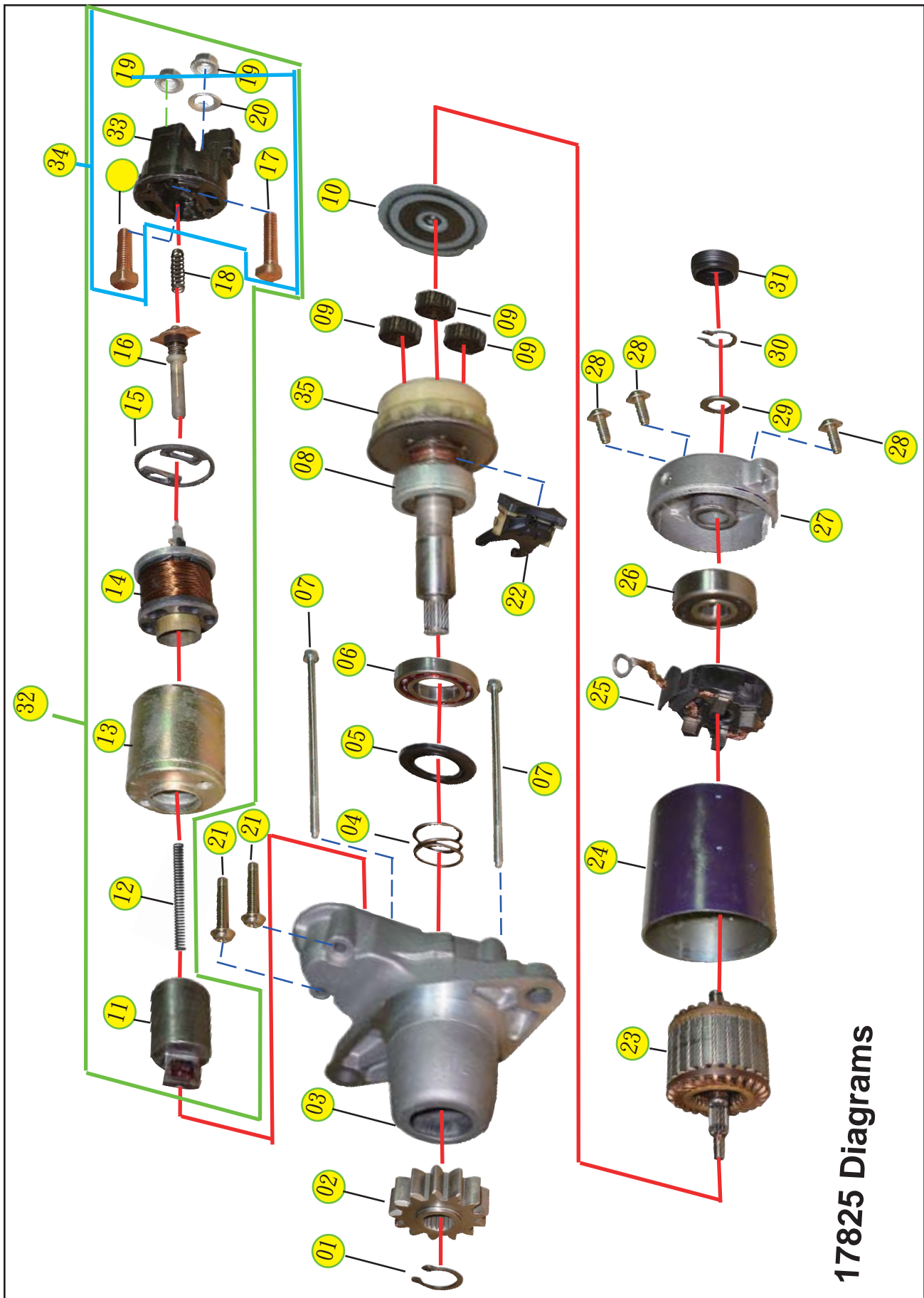


19049



Metro Auto Industrial Inc.
Toll Free: **1-800-263-8761**

Denso PMGR Starter



17825 Diagrams

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

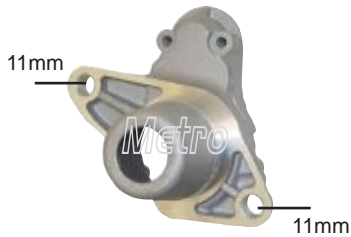
Denso PMGR Starter



03

51-82277 DE Housing

For: Denso PMGR 1.1kw Starter
 Replace:
 Dim:
 OE: 428000-034
 Lester: 17841
 Ref:
 Note:



03

51-82279 DE Housing

For: Denso PMGR 1.6kw Starter
 Replace:
 Dim:
 OE: 228000-990
 Leste: 17825, 17878
 Ref: 51-8207, ST-03206
 Note:



03

51-82212 DE Housing

For: Denso PMGR 1.6kw Starter
 Replace:
 Dim:
 OE: 428000-124
 Lester: 17946
 Ref:
 Note:



03

51-822123 DE Housing

For: Denso PMGR 1.3kw Starter
 Replace: 428400-7210, 428400-7211
 Dim:
 OE: 428000-721, 428000-930
 Lester: 19185, 19202
 Ref:
 Note:



27

52-82148 CE PLate

For:
 Replace:
 Dim:
 OE: 228000-990
 Lester: 10701, 10983, 17825, 17878,
 19046, 19171, 19172, 19315, 19316,
 19318
 Ref: 52-8208, ST-04206
 Note:

27



52-82149 CE PLate

For:
 Replace: 028500-7560
 Dim:
 OE: 428000-034
 Lester: 17841
 Ref: 52-8207
 Note:



06

6-9044 Bearing-DE Housing

For:
 Replace:
 Dim: 20mmIDx37mmODx9mmH
 OE:
 Lester: 17825
 Ref: 6-904-2, 6-904-4
 Note:



26

6-6084 Bearing-CE Side

For:
 Replace:
 Dim: 8mmIDx22mmODx7mmH
 OE:
 Lester: 17825
 Ref: 6-608-4
 Note:

Denso PMGR Starter

04



W54-82608

Spring-Shaft

For: Denso PMGR Starter

Replace:

Dim: 16mmODx10mmL,
1mm Wire Dia.

OE: 228000-990

Lester: 17825

Ref: 54-82608

Note:

**No Photo
Available**

54-82024
Drive Assy
13T, CCW, 18-SPL

For: Lexus, Scion, Toyota

Replace: 028300-9571

Dim: 40.6mm Gear OD,
15.4mm Gear Length

OE: 228000-990

Lester: 17825

Ref: ST-07206

Note:

temp photo



W54-82225

Pinion Gear-Drive
13T, CCW, 18-SPL

For: Denso PMGR Starter

Replace:

Dim: 40.6mm Gear OD, 15.4mm L

OE: 228000-990, 428000-108, 428000-184

Lester: 17825

Ref: 54-82225

Note:



55-82010
Shift Lever

For: Denso PMGR Starter

Replace: 028740-5170

Dim:

OE: 228000-990

Lester: 17825, 17841

Ref:

Note: use 71-82185 Seal-Shift Lever

**No Photo
Available**

55-82008
Shift Lever

For: Denso PMGR Starter

Replace:

Dim: 71.75mm L, 29.7/38.7mm W

OE: 428000-720, 428000-721, 42800-741,
428000-930, 438000-068, 438000-127

Lester: 17921, 19185, 19202, 19258,
19616

Ref:

Note:



54-82225

Pinion Gear-Drive
9T, CW, 10-SPL

For: Denso PMGR Starter

Replace:

Dim: 10.9mm ID, 30.8mm OD, 22.5mm L

OE: 428000-721

Lester: 19185

Ref: SZ-0753AX

Note:



54-82736
Drive Assy
12T, CW, 10-SPL

For: Denso PMGR Starter, 12V, 1.6kw

Replace:

Dim: 11.2mm ID, 31.8mm Gear OD, 43.5
mm OAL

OE: 43800-041

Lester: 19247

Ref:

Note:

**No Photo
Available**

55-82
Shift Lever Kit

For: Denso PMGR Starter

Replace:

Dim:

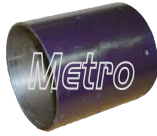
OE:

Lester: 10952, 10987, 17607, 17803,
17805, 17806, 17845, 17846, 17949,
17950, 17957, 17962, 18413, 18417,
18418, 18426, 18427, 19791, 19985,
32630

Ref: ST-13121K (Kit)

Note: use 71-82185 Seal for Shift Lever

Denso PMGR Starter



24

W57-8200
Field Case Assy

For:
Replace:
Dim: 72mmODx78mmL
OE: 228000-990, 428000-034
Lester: 10701, 17825, 17841, 17878, 17955, 17956, 19046, 19171, 19172, 19315, 19316, 19318
Ref: 57-8200, ST-02206
Note: w/6 Magnet

No Photo Available

W57-8200
Field Case Assy

For: Denso PMGR 12V, 1.3kw
Replace:
Dim:
OE: 428000-721
Lester: 19185
Ref:
Note:



61-8211
Armature
12V, CCW

For: Denso PMGR
Replace:028200-8280
Dim: 50.5mm OD x 91.5mm L
OE:
Lester: 10701, 10983, 17825, 17878, 17955, 17956, 19046, 19171, 19172, 19315, 19316, 19318
Ref: ST-01206, 5090-3556
Note:



61-8212
Armature
12V, CW, 25 Bar, 8-Spline

For: Denso PMGR
Replace:028200-88080
Dim: 5mm OD-Shaft DE
OE:
Lester: 10918, 17841, 17842, 17946, 19043, 19048, 19257, 19317
Ref: ST-01208, 5090-2978
Note:



61-8214
Armature
12V, CW, 11 Spline

For: Denso PMGR
Replace:
Dim:
OE:
Lester: 17921, 19185, 19202, 19258, 19616
Ref: SZ-0149
Note:

No Photo Available

61-82
Armature
12V, CW, 11 Spline

For: Denso PMGR
Replace:
Dim: 44.7mm OD x 111mm OAL
Shaft Front/Back 7mm
OE: 028200-5991
Lester: 10952, 10987, 17607, 17850, 17949, 17950, 17957, 18413, 18426, 19615
Ref: SJ-0145, 5090-3295
Note:



61-8216
Armature
12V, CW, 25 Bar, 9-Spline

For: Denso PMGR
Replace:
Dim: 52.7mm OD x 108.3mm OAL
OE: 428000-430
Lester: 19049
Ref:
Note:

Denso PMGR Starter



33

66-82184

Cap Assy-Solenoid

For: Denso PMGR Starter

Replace:

Dim:

OE: 228000-990

Lester: 17825

Ref: ST-09206

Note: Solenoid Assy use 66-8238



33

66-82185

**Cap only-Solenoid
wo/Hardware**

For: Denso PMGR Starter

Replace:

Dim:

OE: 228000-990

Lester: 17825

Ref:

Note: This is Cap only, wo/hardware.

Solenoid Assy use 66-8238



33

66-82196

Cap Assy-Solenoid

For: Denso PMGR Starter

Replace:

Dim:

OE: 428000-034, 428000-131

Lester: 17841, 17842, 19048

Ref: ST-09208

Note: Solenoid Assy use 66-8234

No Photo
Available

33

66-82197

**Cap only-Solenoid
wo/Hardware**

For: Denso PMGR, 1.6kw Starters

Replace:

Dim:

OE: 428000-0024, 428000-034,

Lester: 17841, 17842

Ref:

Note: This is the Cap only, wo/ hardware.

Solenoid Assy use 66-8234



33

66-8237C

Cap Assy-Solenoid

For: Denso PMGR Starter

Replace:

Dim:

OE: 428000-538

Lester: 19014, 19084, 19261

Ref:

Note: Solenoid Assy use 66-8237



33

66-8249C

**Cap Assy-Solenoid
12V, 3-Terminal**

For: Denso PMGR Starter

Replace:

Dim:

OE:

Lester: 10701, 10987, 10988, 19046,

19047, 19171, 19172, 19316

Ref:

Note: Solenoid Assy use 66-8249

No Photo
Available

33

66-8237CA

Cap Assy-Solenoid

For: Denso PMGR Starter

Replace:

Dim:

OE: 428000-538

Lester: 19014, 19084, 19261

Ref:

Note: wo/B+ & Extension

No Photo
Available

33

66-8246C

Cap Assy-Solenoid

For: Denso PMGR Starter

Replace:

Dim:

OE: 428000-176

Lester: 17922

Ref: SN-09484

Note: Solenoid Assy use 66-8246

Denso PMGR Starter



32 **66-8234**
Solenoid Assy
12V, 3-Terminal

For: Denso PMGR Starter
Replace: 153400-8403
Dim:
S Term Male Spade
B Term M8 x 1.25
M Term M8 x 1.25
OE: 428000-002, 428000-034, 428000-124, 428000-131, 428000-234, 428000-494, 438000-065, 438000-066, 438000-274, 438000-276
Lester: 10918, 17841, 17842, 17946, 190-43, 19048, 19317
Ref: 66-8225, ST-08208
Note: Cap Assy use 66-82196.



32 **66-8238**
Solenoid Assy
12V, 3-Terminal

For: Denso PMGR 1.6kw Starter
Replace:
Dim:
S Term Male Spade
B Term. M8 x 1.25
M Term. M8 x 1.25
OE: 228000-990
Lester: 17825
Ref: 66-8226
Note: Cap Assy use 66-82184.



32 **66-8236**
Solenoid Assy
12V, 3-Terminal

For: Denso PLGR, PMGR Starter
Replace:
Dim:
S Term
B Term
M Term
OE: 428000-430
Lester: 19044, 19045, 19049, 19174, 19175, 19180, 19209, 19313
Ref: ST-08231, 66-8235
Note:



32 **66-8237**
Solenoid Assy
12V, 3-Terminal

For: Denso PMGR Starter
Replace:
Dim:
S Term
B Term
M Term
OE: 428000-538, 428000-649, 428000-678, 428000-875
Lester: 19014, 19084, 19182, 19261
Ref: W455-138, SH-08153
Note: Cap Assy use 66-8237C. With side Terminal.

No Photo Available

32 **66-8246**
Solenoid Assy
12V, 3-Terminal

For: Denso PMGR Starter
Replace:
Dim:
S Term
B Term
M Term
OE: 428000-176
Lester: 17922
Ref: SN-08484
Note: Cap Assy use 66-8246C



32 **66-8235**
Solenoid Assy
12V, 3-Terminal

For: Denso PMGR Starter
Replace:
Dim:
S Term
B Term M8 x 1.25
M Term
OE:
Lester: 17957, 19010
Ref: SH-08150
Note:

Denso PMGR Starter



32

**66-8249
Solenoid Assy
12V, 3-Terminal**

For: Denso PMGR Starter

Replace:

Dim:

S Term

B Term

M Term

OE:

Lester: 10701, 19046, 19171, 19172

Ref: ST-08232

Note:



32

**66-8250
Solenoid Assy
12V, 2-Terminal**

For: Denso PMGR Starter

Replace:

Dim:

S Term Male Spade

B Term M8 x 1.25

M Term

OE: 428000-720

Lester: 19616

Ref: SZ-0849

Note: Motor Terminal hole 12.85mm ID.



32

**66-8251
Solenoid Assy
2-Terminal**

For: Denso PMGR Starter

Replace:

Dim:

S Term Male Spade

B Term M8 x 1.25 POST

M Term None

OE: 428000-721

Lester: 19185

Ref: 66-8241, SZ-0853

Note:

**Photo
Coming Soon**

32

**66-8253
Solenoid Assy
12V, 3-Terminal**

For: Denso PMGR Starter

Replace:

Dim:

S Term M6 x 1.0 POST

B Term M8 x 1.25 POST

M Term M8 x 1.25 POST

OE: 438000-041

Lester: 10954, 19247

Ref: 66-8248

Note:



16

**66-82206
Movable Contact Assy**

For:

Replace:

Dim: 12.7mm W x 31.7mm L, 46.2mm OAL

OE:

Lester: 17825, 17878, 19046, 19047, 19073, 19171, 19172, 19315, 19316

Ref: ST-08206C

Note: Plastic Rod



66-82194

Movable Contact Disc

For: Denso PMGR Starters

Replace:

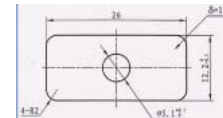
Dim:

OE:

Lester: 17825

Ref:

Note: This Disc used on steel rod type



66-82195

Movable Contact Disc

For: Denso PMGR Starters

Replace:

Dim: 12.2mmWx26mmLx1.2mmT,

5.1mm ID Hole


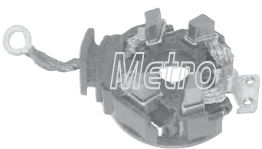


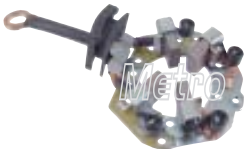





OE:

Lester: 17825

Ref:

Note: This Disc used on plastic rod type

Denso PMGR Starter

 <p>68-82027 Brush-Ground (-) For: Denso PMGR Starters Replace: Dim: 7mmTx8.5mmWx16mmLx19mmLL, M4x0.7 Screw Hole OE: 428000-034 Lester: 17841, 17842, 17946 Ref: 68-8230 Note:</p>	 <p>25 69-82130 Brush Holder Assy-CCW For: Denso PMGR Starters Replace: Dim: OE: Lester: 10701, 10983, 17825, 17878, 17955, 17956, 19046, 19171, 19172, 19315, 19316, 19318 Ref: 69-8213, ST-06206 Note:</p>	 <p>25 69-82135 Brush Holder Assy-CW For: Denso PMGR Starters Replace: Dim: OE: 428000-721, 428000-741, 428000-930, 438000-068 Lester: 17921, 19185, 19202, 19258, 19616 Ref: 69-8223, SZ-0649 Note:</p>
 <p>68-82028 Brush-Field (+)-CW For: Denso PMGR Starters Replace: Dim: 7mmTx8.5mmWx16mmLx22mmLL Motor Lead 62mm L OE: 428000-034 Lester: 17841, 17842, 17946 Ref: Note:</p>	 <p>25 69-82132 Brush Holder Assy For: Denso PMGR Starters Replace: Dim: OE: 428000-430 Lester: 19049 Ref: ST-18233 Note:</p>	 <p>25 69-82136 Brush Holder Assy-CW For: Denso PMGR Starters Replace: 128099-6320 Dim: OE: 428000-034, 428000-124 Lester: 17841, 17946 Ref: 69-8212 Note:</p>
 <p>68-82029 Brush-Ground (-) For: Denso PMGR Starters Replace: Dim: 7.5mmTx8.5mmWx16mmLx22mmLL OE: 228000-990 Lester: 17825, 17956 Ref: 68-8229 Note:</p>	 <p>25 69-82133 Brush Holder Assy For: Denso PMGR Starters Replace: 028510-5190 Dim: OE: Lester: 10952, 10987, 17142, 17203, 17252, 17253, 17267, 17607, 17679, 17680, 17703, 17746, 17803, 17805, 17806, 17845, 17846, 17886, 17949, 17950, 17957, 17962, 17998, 18413, 18417, 18418, 18426, 18427, 19013, 19615, 19791, 19985, 30983, 32630 Ref: ST-0698, 69-8211 Note:</p>	 <p>25 69-82136 Brush Holder Assy-CCW For: Denso 1.2kw PMGR Starters Replace: Dim: OE: 428000-538 Lester: 19014 Ref: Note:</p>
 <p>68-82030 Brush-Field (+)-CCW For: Denso PMGR Starters Replace: Dim: 7.5mmTx8.5mmWx16mmLx22mmLL Motor Lead 55mm L OE: 228000-990 Lester: 17825, 17956 Ref: 68-8228 Note:</p>		

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

Denso PMGR Starter



31

71-82175 Plug-CE Plate

For:

Replace:

Dim:

OE: 228000-990, 428000-034

Lester: 10701, 10983, 17825, 17841,
17878, 17935, 17956, 19046, 19048,
19049, 19171, 19172, 19313, 19315,
19316, 19318

Ref: 71-82323, SY-04206A

Note:



71-82189 Plug - Drain Hole

For: Denso OSGR, PLGR, PMGR Starter

Replace: 028062-0272, 028062-6010,

Dim: Fits 5.9mm tapered hole

OE:

Lester: 17526, 19247 ... more

Ref: 71-82327

Note:



05

W71-82701 Seal-DE Housing

For:

Replace:

Dim: 20.5mm ID x 34mm OD x 3.5mm
Thick

OE: 228000-990

Lester: 17825

Ref: 71-82701

Note:



71-82185 Seal - Shift Lever

For:

Replace:

Dim:

OE: 228000-990, 428000-034

Lester: 17825, 17841

Ref: 71-82324

Note:

Denso PMGR Starter



35

76-82215 Stationary Gear

For:
Replace:
Dim: 55-T, 51mm Gear ID
OE: 228000-990, 428000-034
Lester: 17825, 17841
Ref: 76-82824
Note:

No Photo
Available

35

76-82236 Stationary Gear

For:
Replace:
Dim: 41-T, 11/38.5mm Gear ID
54.4mm OD, 16.7mm High
OE: 428000-720, 428000-721, 438000-068, 438000-127
Lester: 19185, 19202, 19258, 19616
Ref: SZ-3049
Note:



09

W76-82819 Traction Gear

For:
Replace:
Dim: 23T, 24mmOD
OE: 228000-990, 428000-034
Lester: 17825, 17841
Ref: 76-82819
Note:



76-82235 Seal- DE Housing

For:
Replace:
Dim: 8.7mm High
OE: 428000-720, 428000-721, 438000-068, 438000-127
Lester: 19185, 19202, 19258, 19616
Ref: SH-17153
Note:



10

W76-82301 Cover-Stationary Gear

For:
Replace:
Dim:
OE: 228000-990
Lester: 17825
Ref: 76-82301
Note:

temp photo



W76-82821

Retainer - Planetary Shaft

For:
Replace: 905571-8000
Dim: 10mm ID x 23mm OD
2mm W, E-Clip
OE: 228000-990
Lester: 17825
Ref: 76-82821
Note:

Photo
Coming Soon

028610-5111 Shaft-Planetary Gear

For:
Replace: 082610-5111
Dim:
OE: 228000-990
Lester: 17825
Ref:
Note:

temp photo



W76-82701 Retaining Ring -Stationary Gear

For:
Replace:
Dim: 64.1mm ID x 66mm OD
OE: 228000-990, 428000-034
GM 88969483
Lester: 17825, 17841, 17878
Ref: 76-82701, ST-03206B
Note:



76-82219 Stationary Gear 43 Teeth

For: Denso PLGR/PMGR Starter
Replace:
Dim: 43T, 40.2mm ID, 70.7mm OD
24.6mm T,
OE: 428000-398, 428000-464
Lester: 19044, 19045, 19173, 19174,
19180, 19209, 19217
Ref: ST-30231, W485-190
Note:

Denso PMGR Starter



35

76-82236
Stationary Gear
41 Teeth

For: Denso PMGR Starters

Replace:

Dim: 41 Teeth

38.5mm Gear ID

54.4mm Gear OD

16mm Thickness

OE:228000-990, 428000-034

Lester: 19185, 19258, 19616

Ref:

Note:

Denso PMGR Starter



07

W85-1367

Thru Bolt-DE to CE

For:

Replace: 949042-3990

Dim: M5x0.8x110mmL

OE: 228000-990, 428000-034

Lester: 17825, 17841

Ref: 85-1367

Note:



21

W85-1368

Screw-DE to Solenoid

For:

Replace:

Dim: M6x1.0x30mmL

OE: 228000-990, 428000-034

Lester: 17825, 17841

Ref: 85-1368

Note:



28

W85-1225

Screw-CE to Brush Holder

For:

Replace:

Dim: M4 x 0.7 x 9mm L

OE: 228000-990, 428000-034

Lester: 17825, 17841

Ref: 85-1225

Note: can use Metro# 84-82116
M4x0.7x11mmL w/Oil Ring
attached.

01 30



76-82231

**Stop Ring-Drive &
Armature CE**

For:

Replace:

Dim: 20mmIDx37mmODx9mmH

OE:

Lester: 17825

Ref: 84-8905

Note:



76-82230

**External Snap Ring
for Armature CE**

For:

Replace:

Dim: 7.8mm ID x 10mm OD
0.8mm T

OE: 228000-990, 428000-034

Lester: 17825, 17841

Ref: 84-8914

Note:

Denso PMGR Starter

temp photo



949056-2360

Nut

For:

Replace: 949056-2360

Dim: M8 x 1.25 x 5.6mm Thick
12mm Nut Width

OE:

Lester:

Ref:

Note:

Denso PMGR Starter



17825N

Denso PMGR 1.6kw Starter

12V, 13T, CCW

OE: 228000-990

Car: LEXUS RX330 3.3L 2004-06

LEXUS ES330 3.3L 2004-06

SCION TC 2.4L 2007-10

SCION XB 2.4L 2008-10



17841N

Denso PMGR 1.6kw Starter

12V, 10T, CW

OE: 428000-034

Car: TOYOTA COROLLA 1.8L 2007

TOYOTA COROLLA 2003-08

TOYOTA MATRIX 2003-08

PONTIAC VIBE 2003-08



17946N

Denso PMGR 1.6kw Starter

12V, 10T, CW

OE: 428000-124

Car: Toyota 4Runner V6 4.0L 2003-2009

Tundra V6 4.0L 2005-2010

Tundra V6 4.0L 2011-2014

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

Denso PMGR Starter



17957N

Denso PMGR 1.1kw Starter

12V, 9T, CW

OE: 428000-341, 428000-500, 428000-528

Car: Honda Civic 1.8L 2006-2007

Honda Civic 1.8L 2008-2011

Honda Civic 1.8L 2011



19010N

Denso PMGR kw Starter

12V, 19T, CCW

OE: 428000-412

Car: Acura MDX V6 3.7L 2007-2009

19014N

Denso PMGR 1.2kw Starter

12V, 19T, CCW

OE: 428000-538

Car: Acura RL 2009-2010

TL 2009-2011

TL 2011

TL 2009

Honda Accord 2008

Accord 2011-2012

Accord 2009-2012

Accord Crosstour 2010-2011

Accord Crosstour 2010-2011

Crosstour 2012

Crosstour 2012



Honda Pilot 2015

Ridgeline 2009-2014

Ridgeline 2011-2013

Honda Odyssey w/VCM Eng 2010

Odyssey w/VCM Eng 2008-2010

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

Denso PMGR Starter

**No Photo
Available**

**19047N
Denso PMGR 1.6kw Starter
12V, 13T, CCW**

OE: 428000-431
Car: Pontiac Vibe L4 2009-2010
Toyota Corolla L4 2.4L 2009-2010
Matrix L4 2.4L 2009-2013
Matrix L4 2.4L 2010



**19049N
Denso PMGR 1.6kw Starter
12V, 9T, CW**

OE: 428000-430
Car: Pontiac Vibe L4 1.8L 2009-2010
Toyota Corolla L4 1.8L 2010-2011
Corolla L4 1.8L VIN L 2009
Corolla L4 1.8L VIN U 2009
Matrix L4 1.8L VIN U 2010
Matrix L4 1.8L VIN U 2009-2011

**19079N
Denso PMGR 1.5kw Starter
12V, 9T, CW**

OE: 428000-548
Car: BMW 550i V8 4.4L 2011-2013
550i GT V8 4.4L 2010-2012
550i GT xDrive V8 4.4L 2010-2012
550i xDrive V8 4.4L 2011-2013
650i V8 4.4L 2012
650i V8 4.4L 2012
650i xDrive V8 4.4L 2012
BMW X5 V8 4.4L 2010-2013
X5 V8 4.4L 2011-2013
X6 L6 3.0L 2011
X6 L6 3.0L 2011
X6 V8 4.4L 2008-2014
X6 V8 4.4L 2011-2012

**No Photo
Available**

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

Denso PMGR Starter



19279N

Denso PMGR 1.2kw Starter

12V, 13T, CW

OE: 428000-956

Car OE: 24483, 283444:

Car: Ford Fusion L4 1.5L 1499cc 91cid 2014-2016

Fusion L4 1.6L 1596cc 97cid 2013-2014

Car: Chrysler 200 V6 3.6L VIN G 2011-2016

200 V6 3.6L VIN G 2012

Chrysler Town & Country V6 3.6L 2011-2016

Town & Country V6 3.6L 2011-2013

Dodge Avenger V6 3.6L VIN G 2011-2014

Dodge Journey V6 3.6L 2016

Journey V6 3.6L VIN G 2011-2013

Journey V6 3.6L VIN G 2011-2013

Jeep Cherokee V6 3.2L 2014

Ram Van C/V V6 3.6L 2012-2014

ProMaster 1500 V6 3.6L 2014-2016

ProMaster 2500 V6 3.6L 2014-2016

ProMaster 3500 V6 3.6L 2014-2016

Volkswagen Routan V6 3.6L 2011-2014

Routan V6 3.6L 2011-2012

19616N

Denso PMGR 1.3kw Starter

12V, 10T, CW

OE: 428000-720

Note: 19202 same



**No Photo
Available**

19203N

Denso PMGR 1.3kw Starter

12V, 9T, CW

OE: 428000-740

Car: Jeep Grand Cherokee V6 3.6L 2011-2012

Denso PMGR Starter

No Photo
Available

10987
Denso PMGR kw Starter
12V, 9T, CW

OE: 428000-6261
Lester: 10987
Car OE: 28100-47151
Car: Scion iQ L4 1.3L 1329cc 2012-2015

10989
Denso PMGR kw Starter
12V, 11T, CW

No Photo
Available

OE:
Lester: 10989
Land Rover: LR0-28120, LR0-31028
Note:

Car:
Land Rover LR2 L4 2.0L 1999cc 122cid 2013-2015
Range Rover Evoque L4 2.0L 1999cc 122cid 2012-2013

19043
Denso PMGR 1.6kw Starter
12V, 10T, CW

OE: 428000-2340
Lester: 19043
Lexus: 28100-31070, 28100-3107084, 28100-31071
Note:



Car:
GS300 V6 3.0L 2994cc 2006
GS350 V6 3.5L 3456cc 2007-2011
GS350 V6 3.5L 3456cc 2013-2015
IS250 V6 2.5L 2499cc 2006-2015
IS300 V6 3.5L 3456cc 2016
IS350 V6 3.5L 3456cc 2006-2016
RC300 V6 3.5L 3456cc 2016
RC350 V6 3.5L 3456cc 2015-2016

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

Denso PMGR Starter



19073N Denso PMGR 1.5kw Starter 12V, 9T, CCW

OE: 428000-479

Lester: 19073

Car OE: Subaru 23300-AA59A

Car: Subaru Legacy H4 2.5L 2458cc 2008-2012

Legacy H6 3.0L 3000cc 2008-2009

Outback H4 2.5L 2458cc 2010-2012

Outback H4 2.5L 2458cc w/Turbo 2008-2009

Outback H4 2.5L 2458cc wo/Turbo 2008-2009

Outback H6 3.0L 3000cc 2008-2009

Car: Ford Expedition V8 5.4L 330cid 2013-2014

F-150 V8 5.0L 4951cc 302cid 2013-2015

F-150 V8 6.2L 6210cc 379cid 2014

F-250 Super Duty V8 6.2L 6210cc 379cid 2013-2016

F-350 Super Duty V8 6.2L 6210cc 379cid 2013-2016

F-450 Super Duty V10 6.8L 415cid 2013-2016

F-550 Super Duty V10 6.8L 415cid 2013-2016

Ford Van E-150 V8 4.6L 281cid 2013-2014

E-150 V8 5.4L 330cid 2013-2014

E-250 V8 4.6L 281cid 2014

E-250 V8 5.4L 330cid 2013-2014

E-350 Super Duty V10 6.8L 415cid 2013-2016

E-350 Super Duty V8 5.4L 330cid 2013-2016

E-450 Super Duty V10 6.8L 415cid 2013-2016

E-450 Super Duty V8 5.4L 330cid 2013-2016

Lincoln Navigator V8 5.4L 330cid 2013-2014

19247N Denso PMGR 1.2kw Starter 12V, 12T, CW

OE: 438000-041

Lester: 19247

Ford: DL3T-11000-AA, DL3Z-11002-A, DL3Z-11002-AFC, SA-1026

Note: AE type starter



19258N Denso PMGR 1.3kw Starter 12V, 11T, CW

OE: 428000-806, 438000-068

Lester: 19258

GM: 12626963, 12655467

Note:



Car:

Cadillac ATS L4 2.0L 1998cc 122cid 2014

CTS L4 2.0L 1998cc 122cid 2014

Chevrolet Impala L4 2.5L 2457cc 153cid 2014

Malibu L4 2.0L 1998cc 122cid 2014-2015

Denso PMGR Starter



10952N Denso PMGR 1.7kw Starter 12V, 13T, CW

OE: 428000-870

Lester: 10952

Porsche: 9A1-604-109-00, 9A1-604-109-X

Car: Porsche 911 H6 3.4L 3436cc Naturally Aspirated 2013-2016

911 H6 3.8L 3800cc 2013-2016

Boxster H6 2.7L 2706cc 165cid 2013-2016

Boxster H6 3.4L 3436cc 2013-2016

Cayman H6 2.7L 2706cc 165cid 2014-2016

Cayman H6 3.4L 3436cc 2014-2016



10953N Denso PMGR 1.2kw Starter 12V, 15T, CW

OE: 438000-008

Lester: 10953

GM: 12652378

Note:

Car: Cadillac ATS L4 2.0L 1998cc 122cid 2013-2014

ATS L4 2.5L 2457cc 150cid 2013-2014

10988N Denso PMGR 1.5kw Starter 12V, 9T, CW

OE: 428000-8021

Lester: 10988

Scion: 28100-47200

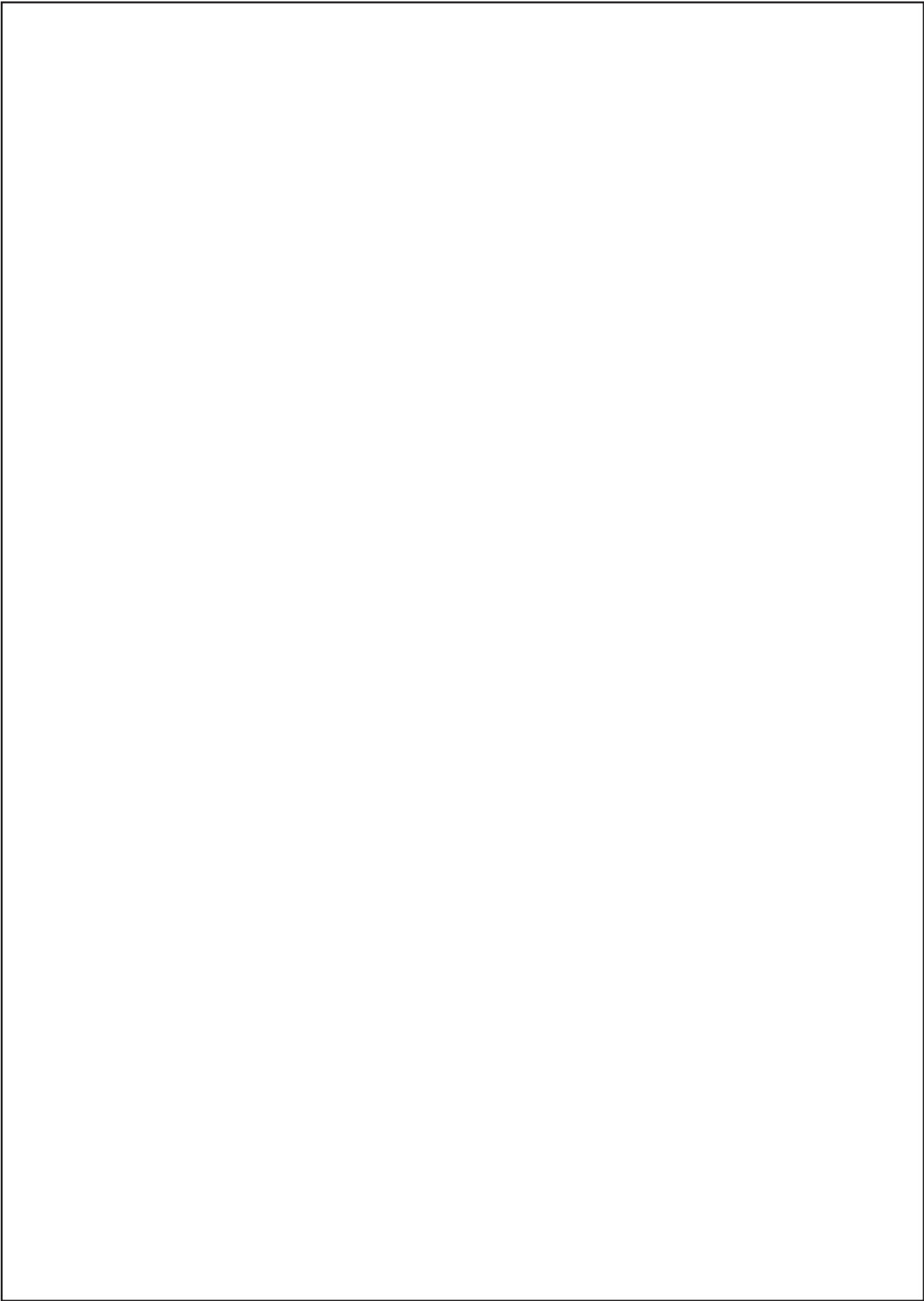
Note:



Car:

Scion iQ L4 1.3L 1329cc 2012-2015

Denso PMGR Starter



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

Denso PMGR Starter

Unit Index

Metro#	page
10952N	21
10953N	21
10987N	19
10988N	21
10989N	19
17825N	15
17841N	15
17946N	15
17957N	16
19010N	16
19014N	16
19043N	19
19047N	17
19049N	17
19073N	20
19079N	17
19203N	18
19217	
19247N	20
19258N	20
19279N	18
19616N	18



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

info@metroautoinc.com

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.