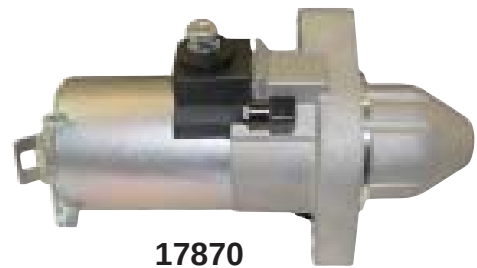


Component Parts for Mitsuba NEW PMGR Starter



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

Mitsuba PMGR Parts

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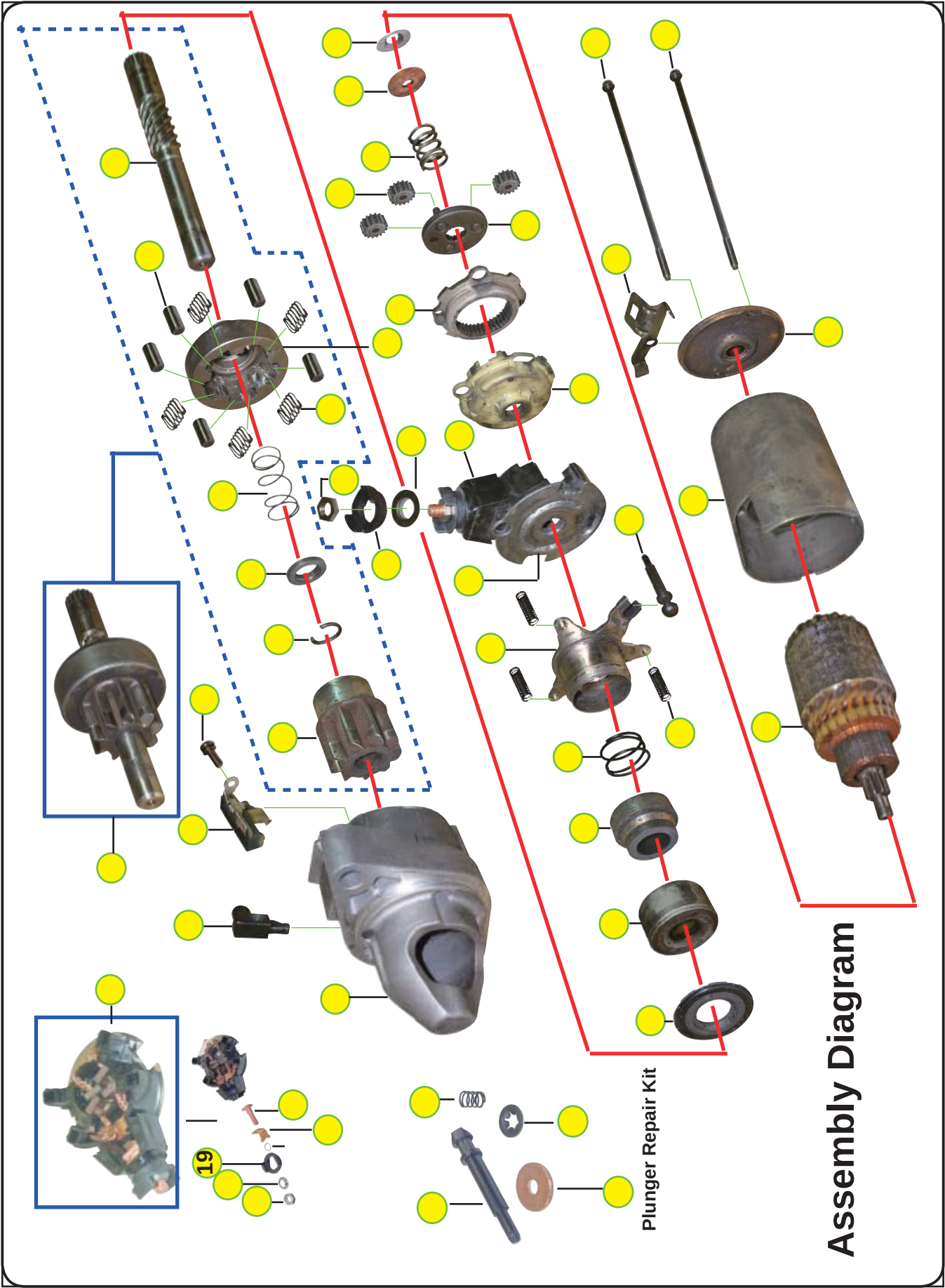
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10914	12V, 1.6kw, CW, 9T	21
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17814	12V, 1.0kw, CCW, 9T	
17816	12V, 1.2kw, CW, 9T	22
17844	12V, 1.6kw, CW, 9T	20
17870	12V, 1.6kw, CW, 9T	20
17871	12V, 1.0kw, CCW, 9T	
17901	12V, 1.5kw, CCW, 9T	
17953	12V, 1.6kw, CW, 11T	20
17958	12V, 1.2kw, CW, 9T	22
17959	12V, 1.0kw, CCW, 9T	
17960	12V, 1.6kw, CW, 9T	20
19009	12V, 1.6kw, CW, 9T	21
19252	12V, 1.8kw, CCW, 19T	19

Mitsuba 17870 Starter Tech

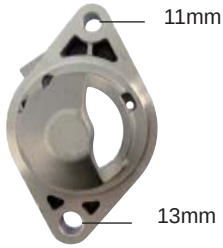
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Mitsuba PMGR Parts



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

Mitsuba PMGR Parts



**51-85001
DE Housing**

Lester: 17816, 17844, 17870, 17960

OE:

Dim.:

Note:

Ref: 5691-124, SH-03118

**No Photo
Availble**

**51-85002
DE Housing**

Lester: 10914

OE:

Dim.:

Note:

Ref: SH-03178



**52-85001
CE Plate**

Replace:

OE:

Lester: 17814, 17816, 17844, 17870,
17871, 17901

Dim.:

Note:

Ref: 52-85400, SH-04114



**52-85002
CE Plate**

Replace:

OE:

Lester: 10915, 17953, 17958, 17960,
17961, 19009, 19082, 19190, 19192,
19207, 19252, 19270, 19280, 19988

Dim.: 72mm OD,

Thru Bolt hole 6mm ID

Bushing 12mm ID, 16mm OD

10.4mm H

Note:

Ref: SH-04138



**52-85004
CE Plate**

Replace:

OE:

Lester: 10876, 10925, 10926, 19159,
19221, 19264

Dim.: 72mm OD

Note: SH-04169

Mitsuba PMGR Parts



32-85001

Diodes

Lester: 17816, 17844, 17870,
17960, 19009
For: Mitsuba SM612, 710 Series
Dim.: 32.8mm L
Note: Fits inside the DE Housing
Ref: 32-8500, W485-186, SH-08118D



32-85002

Diodes

Lester: 17958, 17661
For: Mitsuba SM422, SM612 Series
Dim.: 32.7mm L
Note: Fits inside the DE Housing
Ref: 32-8501, SH-08147D

Mitsuba PMGR Parts



**54-85501
Drive**

9T, CW, 6-Spline

Lester: 17844, 17870, 17960, 19009

Dim.: 29mm Gear OD, 110.7mm L
44.35 Clutch OD

For:

Note:

Ref: 54-8507, SH-07118



**54-85502
Drive**

9T, CW, 6-Spline

Lester: 17958

Dim.: 29mm Gear OD, 106.7mm L
44.35 Clutch OD

For:

Note:

Ref: 54-8508, SH-07118



**54-855201
Pinion Gear**

9T, 6-SPL, CW

Lester: 17816, 17844, 17870, 17958, 17960

Dim.: 29mm OD x 11mm ID x 34mm L

For:

Note: Used on 54-85501 Drive

Ref: SH-07118A



**54-855203
Spring-Drive**

Lester: 17870

Dim.:

For:

Note:

Ref:



**54-855204
Roller-Clutch**

Lester: 17870

Dim.:

For:

Note: Inside the Clutch, used with 54-855205 Springs.

Ref:



**54-85504
Drive Assy**

9T, CW, -Spline

Lester: 10914

Dim.:

For:

Note:

Ref:



**54-855205
Spring-Clutch**

Lester: 17870

Dim.:

For:

Note: Inside the Clutch, used with 54-855204 Roller.

Ref:



**54-855206
Clutch Barrel**

Lester: 17870

Dim.:

For:

Note: to hold the 54-855204

Ref: 54-855205 Spring.



**54-855207
Retainer Ring-Drive**

Lester: 17870

Dim.:

For:

Note: to hold the 54-855201 & 54-855202 Pinion Gear

Ref.:

Mitsuba PMGR Parts



54-855208
Stop Collar-Drive

Lester: 17870
Dim.:
For:
Note:
Ref:



54-855100
Shaft-Drive

Lester: 17870
Dim.:
For:
Note: used with 54-855201
Pinion Gear & 54-855206 Clutch.
Ref:

**No Photo
Available**

54-85503
Drive Assy
9T, CCW

Lester: 17814, 17871, 17901, 17959,
Dim.: 29.6mm OD x 103.5mm L
For:
Note: used with 54-855201
Pinion Gear & 54-855206 Clutch.
Ref: SH-07114

**No Photo
Available**

54-85505
Drive Assy
9T, CW, -Spline

OE: SM740-04
Lester: 19159, 19264
Dim.: 29.6mm OD x 101.3mm L
For:
Note:
Ref: SH-07169



54-85506
Drive Assy
11T, Straight Gear
15 Spline

OE: SM740-11
Lester: 19252
Dim.: 34mm Gear OD, 107.4mm OAL
For: Mitsuba PMOSGR Starter
Note:
Ref:



54-855209
Pinion Gear & Shaft Set
19T, CCW

OE: SM740-11
Lester: 19252
Dim.:
Gear 54.65mm OD x 14.1mm ID
28.1mm L
Shaft 13.92mm OD x 70.15mm L
4.2mm Screw Hole
For: Mitsuba PMOSGR Starter
Note:
Ref:

Mitsuba PMGR Parts



55-85000
Shift Lever Assy

Lester: 17816, 17870

Dim.:

For:

Note: Content includes:

55-85001 Shift Lever

55-85003 Spring-Shift Lever

55-85004 Sleeve

Ref:



55-85001
Shift Lever

Lester: 17814, 17816, 17844, 17870, 17871, 17901, 17953, 17958, 17959, 17960, 17961, 19009, 19082, 19190, 19192, 19207, 19270, 19280

Dim.:

For:

Note: Ref to 55-8500.
wo/Sleeve 55-85004.

Ref: SH-13136



55-85007
Shift Lever

Lester: 10914

Dim.: 64.1mm L, 21.9mm Height

For:

Note:

Ref:



55-85002
Spring - Shift Lever

Lester: 17870

Dim.: 5mm OD x 4.75mm ID x 17.1mm L, 6mm Wire Dia.

For:

Note: Used on 55-85001 Shift Lever (3 pieces in a unit).

Ref:



55-85008
Spring - Shift Lever

Lester: 17960

Dim.: 4.1mm OD x 3mm ID x 14mm L, 6mm Wire Dia.

For:

Note: Used on 17960 Shift Lever (3 pieces in a unit).

Ref:



55-85003
Spring - Shift Lever

Lester: 17816, 17870

Dim.:

For:

Note: Used w/55-85001

Ref:



55-85004
Sleeve - Shift Lever

Lester: 17816, 17870

Dim.:

For:

Note: Used w/55-85001 Shift Lever.

For a complete Shift Lever Assy use 55-85000.

Ref:



55-85005
Pin Lock

Lester: 17816, 17870

Dim.:

For:

Note: Used on 55-85001

Ref:



55-85006
Sleeve - Shift Lever

Lester: 10914

Dim.: 13.6mm ID, 24.5mm/30mm OD
17.5mm/19.7mm H

For:

Note:

Ref: SH-08178A

Mitsuba PMGR Parts



57-8501

Field Case-CW

Lester: 10915, 17844, 17870, 17953,
17960, 17961, 19009, 19192, 19252,
19270, 19280, 19988

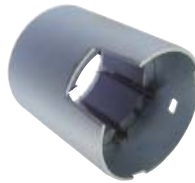
Dim.: 72.6mm OD

91.5mm OAL

For:

Note: w/6 pcs Magnet assembled.
Early Type, No Index Tab on DE side.

Ref:SH-02118



57-8502

Field Case Assy-CW

Lester: 17816

Dim.: 72.85mm OD

80.60mm OAL

For:

Note: w/6 pcs Magnet assembled

Ref: SH-02119

Mitsuba PMGR Parts



61-85001
Armature
12V, 1.6kw, 9-Spline

Lester: 17844, 17870, 17953, 17960, 19009, 19192
Dim.: 26 Bars, 9 Teeth
50mm OD, 115.8mm OAL
For: SM612, 710 Series
Note: This is big Armature.
There is also a small Armature.
Ref: 61-8503, SH-01118



61-85004
Armature-CW
12V, 1.6kw, 16-Spline

Lester: 10915, 19082, 19270, 19280, 19988
Dim.: 50mm OD x 116mm L
For: SM Series
Note:
Ref: SH-01161



61-85006
Armature-CW
12V, 1.2kw, 9-Spline

OE; SM740-04
Lester: 19159, 19264
Dim.: 50mm OD x 108.3mm L
Shaft 7mm/12mm
For:
Note:
Ref: SH-01169



61-85002
Armature-CW
12V, 1.2kw, 9-Spline

Lester: 17816, 17958, 19190, 19207
Dim.: 26 Bars, 9 Teeth
50.15mm OD, 105mm OAL
For:
Note: This is small Armature. For big Armature use 61-85001.
Ref: 61-8503, SH-01118, 61-8508.



61-85005
Armature-CW
12V, 1.6kw, 9-Spline

Lester: 10914
Dim.: 50mm OD x 112.4mm L
For:
Note:
Ref: SH-01178

Photo
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62-85103
Bushing-D.E.

Lester: 17870
Dim.:
For:
Note:
Ref: 62-85301, SC-1015



62-85104
Bushing-C.E.

Lester: 10876, 10914, 10915, 10925, 10926, 17870, 17953, 17958, 17959, 17960, 19082, 19159, 19909
Dim.: 12.02mm ID x 16.05mm OD x 8.0mm L
For:
Note:
Ref: 62-85400, SH-11121

Mitsuba PMGR Parts



**66-85101
Contact**

Lester: 17814, 17816, 17844, 17870, 17871, 17901, 17953, 17958, 17959, 17960, 17961, 19009, 19082, 19190, 19207, 19252, 19270, 19280, 19988
Dim.: 8.7mm ID
For:
Note:
Ref: 66-85652, W485-180, SH-08114CS



**66-85104
Solenoid**

Lester: 17814, 17816, 17844, 17870, 17871, 17901, 17960, 17961, 19009
Dim.: 52.9mm OD, 31.3mm ID, 29.2mm Height
For:
Note:
Ref: 66-85450, W455-109, SH-08118



**66-85107
Contact Disc**

Lester: 10876, 10914, 10925, 10926, 19159, 19221, 19264
Dim.: 4.8mm ID, 14.95mm OD, 2.1mm Thick
For:
Note:
Ref: SH-08169C



**66-85102
Contact Disc**

Lester: 17816, 17844, 17870, 17871, 17953, 17958, 17959, 17960, 19009
Dim.: 17mm OD, 5mm ID, 2mm Thickness
For:
Note:
Ref: 66-85651, SH-08114C, W485-195



**66-85105
Cover-Solenoid**

Lester: 17816, 17844, 17870, 17960
Dim.: 52.5mm OD, 23mm ID, 5mm Thickness
For:
Note: Used on 66-85104 Solenoid
Ref:



**66-85108
Solenoid**

Lester: 10876, 10914, 10925, 10926, 19159, 19221, 19264
Dim.: 56.85mm OD x 36.5mm ID x 23.74mm H
For:
Note: 9.0 ohm
Ref: SH-08169



**66-85103
Plunger**

Lester: 17816, 17870
Dim.: 6mm OD
For: SM610 Series
Note:
Ref:



**66-85106
Contact**

Lester: 10876, 10914, 10925, 10926, 19159, 19221, 19264
Dim.: 8.7mm ID, 1.5mm Thick, 14mmW x 11.5mmL
For: SM740
Note:
Ref: SH-08169CS

Mitsuba PMGR Parts



**68-85101
Brush-Field (POS)**

Lester: 17870, 17871, 17959, 17960

Dim.: 4.5mmTx12mmWx11.5mmLx27mmLL

For:

Note: Rivet use 69-85105

Ref: 68-8505, SH-05114A



**68-85102
Brush-Ground (NEG)**

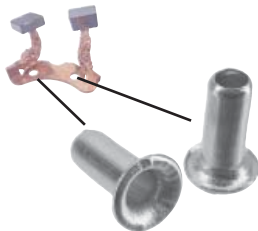
Lester: 10876, 10914, 10915, 10925, 10926, 17728, 17814, 17816, 17844, 17870, 17871, 17958, 17959, 17960, 17901, 17953, 17961, 19009, 19159, 19190, 19192, 19207, 19221, 19252, 19264, 19270, 19280, 19988

Dim.: 4.5mmTx12mmWx11.5mmLx29mmLL

For:

Note:

Ref: 68-8506, SH-05114B



**69-85105
Rivet-Brush-Field (POS)**

Lester: 17870

Dim.:

For:

Note: Used on 68-85101 Brush-Field to hold with Brush Holder.

Ref:

**No Photo
Available**

**69-85109
Bridge-Brush Holder**

Lester: 10914

Dim.:

For:

Note: Plastic material.

Used on 69-85108 Brush Holder.

Ref:



**69-85100
Brush Holder Assy**

Lester: 17816, 17844, 17870, 17871, 17958, 17959, 17960, 19009

Dim.: 71.5mm OD, 8mm B+

For: SM612

Note:

Ref: 69-85200, W505-11,

BH-8363, SH-06114



**69-85100
Brush Holder
(Exploded View)**

Lester: 17870

Contents:

66-85101 Contact

84-82164 Contact Bolt

71-82143 Oil-Ring

72-85101 Insulator

76-85004 Snap Ring-Contact

85-82101 Hex Nut

Ref:



**69-85106
Bridge-Brush Holder**

Lester: 17870

Dim.:

For:

Note: Plastic material.

Used on 69-85100 Brush Holder.

Ref: SH-06114P



**69-85108
Brush Holder Assy**

Lester: 10876, 10914, 10925, 10926, 19159, 19221, 19264

Dim.:

For: SM740

Note:

Ref: SH-06169



**69-85100-KIT
Brush Holder
(Exploded View)**

Lester: 17870

Contents:

66-85100-1 Brush Holder Assy

69-85101 Repair Parts

71-85101 Seal-Brush Holder

Ref:

Mitsuba PMGR Parts



69-85101 Repair Kit-Plunger

Lester: 17959, 17870, 17844, 17816

Dim.:

For:

Components:

66-85102 Contact Disc

66-85103 Plunger

69-85104 Spring

84-89001 Retainer

Ref: SH-08114CK



69-85104 Spring-Plunger

Lester: 17870

Dim.: 6.5mm ODx8.8mmL
0.8mm Wire Dia

For:

Note: Used w/66-85103 Plunger

Ref:



69-85102 Spring-Brush Holder

Replace: 31213-PHM-004

Lester: 10876, 10914, 10915, 10925, 10926, 17814, 17816, 17844, 17870, 17871, 17901, 7953, 17958, 17959, 17960, 17961, 19009, 19082, 19159, 19160, 19192, 19207, 19221, 19252, 19264, 19270, 19280, 19988

Dim.: 0.8mm Wire Dia.

11.5mm x 4.7mm

18mm L

For:

Note: Required 4 pcs in one unit.

Ref: SH-25114

**No Photo
Available**

69-85110 Rivet - Brush Field

Lester: 10914

Dim.:

For:

Note:

Ref:

Mitsuba PMGR Parts



71-82143

Oil Ring-Battery Stud

Lester: 10914, 17870

Dim.: 8mmIDx11.85mmODx2mm
Thickness

For:

Note:

Ref:



71-85103

Plug-B+ Term Extension

Lester: 10914

Dim.: for 19mm Hole, 7.1mm Thick-
ness

For: Rubber Material, use w/Termi-
nal Extension 76-85016.

Ref: SH-18147C



72-85101

Insulator-Battery Stud

Lester: 10914, 17870

Dim.: 16.8mm ID, 27mm OD,
12.5mm Height

For:

Note:

Ref: 66-85401, SH-08114C



71-85101

Seal-Brush Holder

Lester: 17870

Dim.:

For:

Ref:

Photo

Coming Soon

71-85104

Seal-Brush Holder

Lester: 17953, 17958, 17959,
17960, 17961, 19009, 19082,
19190, 19192, 19207, 19252,
19270, 19280, 19988

Dim.:

For:

Ref: SH-06136J



71-85102

Seal-Brush Holder

Lester: 10876, 10914, 10925,
10926, 19159, 19221, 19264

Dim.: 27.5mm T x 53mm W x 20mm
ID Hole

For:

Ref: SH-06169J



72-85102

Plug-Field Case

Lester: 10914, 17870, 17958.
17960

Dim.: 4mm x 8mm Rectangular Hole

For:

Note:

Ref: SH-29114

Mitsuba PMGR Parts



76-85001
Switch Terminal

Lester: 10876, 10914, 10915, 10925, 10926, 17953, 17958, 17959, 17960, 17961, 19009, 19082, 19190, 19192, 19221, 19252, 19280, 19988

Dim:

For:

Note:

Ref: 76-85501, W485-176, SH-09138T



76-85002
Switch Terminal

Lester: 17814, 17870, 17871, 17901

Dim:

For:

Note:

Ref: W485-185, 76-85500



76-85011
Switch Terminal

Lester: 17816, 17844

Dim:

For:

Note:

Ref: 76-85503



76-85006
Terminal Extension

Lester: 17958

Dim: M8 x 1.25

For:

Note:

Ref: SH-18147



76-85016
Switch Terminal

Lester: 10914, 10915, 19159, 19264

Dim: M8x1.25, 46.3mm L

For:

Note: Similar to 76-85006, but opposite side.

Seal Cap use 71-85103.

Ref: SH-18147



76-85004
Snap Ring-Contact Bolt

Lester: 10914, 17870

Dim.: 16.6mm OD, 8.8mm ID
3.7mm Height

For:

Note:

Ref:



76-85005
Planetary Gear
16 Teeth

Lester: 10914, 17816, 17870, 17958 ... more

Dim: 18.5mm Gear OD
9.1mm T

For: SM612 Series

Note:

Ref: 76-85100, SH-31114G



76-85012
Stationary Gear
42 Teeth

Lester: 17816, 17870

Dim: 70.7mm Gear OD
24.5mm Height

For: SM612 Series, for Internal Thru Bolt use

Note:

Ref: SH-03114 (wo/Plastic)



76-85017
Stationary Gear
42 Teeth

Lester: 10876, 10914, 10925, 10926, 17959, 19159, 19221, 19264

Dim: 70.85mm Gear OD
13.5mm Shaft ID Hole
23.8mm Height

For: SM710, SM740

Note:

Ref: SH-30136



76-85019
Stationary Plate

Lester: 10914

Dim: 41.15mm OD, 13.35mm ID
5.5mm Plate Thickness,
14.35mm Total Thickness

For:

Note:

Ref:

Mitsuba PMGR Parts



**76-85003-1
Bracket-CE Plate**

Lester: 17870
Dim.:
For: SM612-09
Note:
Ref: W485-187



**76-85008
Bracket-CE Plate**

Lester: 17959
Dim.:
For: SM710-03
Note:
Ref:



**76-85018
Bracket-CE Plate**

Lester: 10914
Dim.:
For:
Note:
Ref: SH-04178B



**76-85007
Bracket-CE Plate**

Lester: 17816, 17844
Dim.:
For: SM612-05, SM612-06
Note:
Ref:



**76-85009-1
Bracket-CE Plate
Right Side**

Lester: 17958
Dim.:
For: SM710-01
Note:
Ref:



**76-85010
Bracket-CE Plate
Left Side**

Lester: 17958
Dim.:
For: SM710-01
Note:
Ref:

Mitsuba PMGR Parts



84-82164 Contact Bolt-Copper

Lester: 17870
Dim: M8 x 1.25 x 26.5mm L
30mm OAL
For:
Note:
Ref: SH-18114



84-82167 Thru Bolt D.E to C.E. - Internal Hex Washer Head

Lester: 17870
Dim: M5 x 0.8 x 151mm L
M8 Drive
For:
Note: Also for Delco PG260F2,
PG260L Series PMGR Starters
Ref: 85-135, SO-12711



84-82XXX Thru Bolt D.E to C.E. - External Hex Head w/Dog Point

Lester: 10914
Dim: M6 x 1.0 x 105mm L
110.5mm OAL
24mm Thread Length
For:
Note:
Ref: SH-12169

Photo
Coming
Soon

84-82168 Screw Phillip Pan Head, Attached Lock Washer DE Housing

Lester: 17816, 17844, 17870,
17871, 17958, 17960, 19009
Dim: M3 x 0.5x6.8mm L
For:
Note:
Ref: 85-1236, MS-3068



84-82169 Thru Bolt D.E to C.E. - External Hex Washer Head

Lester: 17960
Dim: M6 x 1.0 x 95mm L
23mm Thread Length
For:
Note:
Ref:



84-89001 Retainer- Solenoid Contact

For: SM612, SM710 Series
Dim: 3.7mm ID, 12.2mm OD
0.3mm Thickness
Lester: 17816, 17844, 17870,
17871, 17958, 17959, 17960,
19009
Note: Used on 69-85101 Brush
Holder
Ref: 84-8918

No Photo
Available

84-82 Screw-Diodes

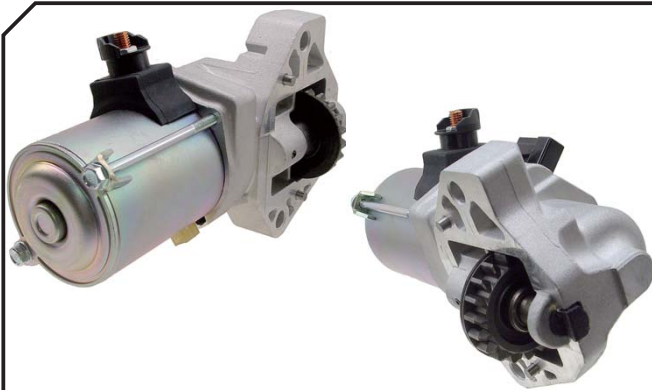
Lester: 17814, 17816, 17844,
17870, 17871, 17901, 17953,
17958, 17959, 17960, 19009
Dim:
For:
Note:
Ref:



85-82101 Hex Nut Terminal Post

Lester: 17870
Dim: M8 x 1.25 x 6mm T
For:
Note:
Ref:

1.8kw Unit



19252

Starter-Mitsuba PMGR

1.8kw, 12V, 19T, CCW

For: Accura RLX V6 3.5L 3471cc 212cid J35Y4 2014-2015

RLX V6 3.5L 3471cc J35Y4 2014-2016

Honda Accord V6 3.5L 3471cc 212cid 2013-2016

Crosstour V6 3.5L 3471cc 2013-2014

Crosstour V6 3.5L 3471cc 212cid 2013-2015

OE: SM704-11

Lester: 19252

PIC: 191-716

Note:

1.6kw Unit



17960N

Starter-Mitsuba PMGR

1.6kw, 12V, 9T, CW

For: Acura, Honda

OE: SM710-02, SM710-05

Lester: 17960

PIC: 191-182, 191-183

Note: Use big Armature. Similar to 19009, but 19009 use external Thru Bolt.



17870N

Starter-Mitsuba PMGR

1.6kw, 12V, 9T, CW

For: Acura, Honda

OE: SM612-09

Lester: 17870

PIC: 191-179

Note: used w/AT, for w/MT use 17869N (Mitsubishi PMGR unit). Use big Armature.



17844N

Starter-Mitsuba PMGR

1.6kw, 12V, 9T, CW

For: Honda CRV

OE: SM612-06, SM612-06-3M

Lester: 17844

PIC: 191-177

Note: use big Armature

No Photo Available

17953

Starter-Mitsuba PMGR

1.6kw, 12V, 11T, CW

For: ACURA RDX 2.3L TURBO 2007-08

OE: SM710-06

Lester: 17953

PIC: 191-189

Note: use big Armature.

1.6kw Unit



19009N

Starter-Mitsuba PMGR

1.6kw, 12V, 9T, CW

For: HONDA CR-V 2.4L 2007-09

OE: SM710-07

Lester: 19009

PIC: 191-191

Note: Use big Armature. Similar to 17960, but 17960 use internal Thru Bolt.



10915

Starter-Mitsuba PMGR

1.6kw, 12V, 9T, CW

For:

Honda Accord L4 2.4L 2356cc 144cid 2013-2016

OE: SM740-10

Lester: 10915

PIC: 191-712

Note:



10914

Starter-Mitsuba PMGR

1.6kw, 12V, 9T, CW

For: Honda Accord L4 2.4L 2013-2016 ,
Honda CR-V L4 2.4L 2015-2016

OE: SM740-09

Lester: 10914

PIC: 191-711

Note:

1.2kw Unit



17816N

Starter-Mitsuba PMGR

1.2kw, 12V, 9T, CW

For: Acura, Honda

OE: SM612-05, SM612-10

Lester: 17816

PIC: 191-178, 191-187

Note: use small Armature.



17958N

Starter-Mitsuba PMGR

1.2kw, 12V, 9T, CW

For: Honda

OE: SM710-01

Lester: 17958

PIC: 191-186

Note: used w/AT, for w/MT use 17957 (Denso PMGR unit). Use small Armature.

1.0kw Unit

**No Photo
Available**

17959N

Starter-Mitsuba PMGR

1.0kw, 12V, 9T, CW

For: HONDA CIVIC HYBRID 1.3L 2006-08

OE: SM710-03

Lester: 17959

PIC: 191-185

Note:

**No Photo
Available**

17871

Starter-Mitsuba PMGR

1.0kw, 12V, 9T, CCW

For: HONDA CIVIC HYBRID 1.3L 2003-05

OE: SM612-08

Lester: 17871

PIC: 191-180

Note:

**No Photo
Available**

17814N

Starter-Mitsuba PMGR

1.0kw, 12V, 9T,C CW

For: HONDA INSIGHT 2000-01

OE: SM612-02

Lester: 17814

PIC: 191-123

Note:

**No Photo
Available**

17901

Starter-Mitsuba PMGR

1.0kw, 12V, 9T, CCW

For: HONDA Insight 1.0L 2002-06

OE: SM612-07

Lester: 17901

PIC: 191-123A

Note:

Mitsuba PMGR Parts

Highly Improved and Enhanced by Metro

- 1.Capable of 1.6kw torque.
- 2.Drive slides freely and easily to the right position.
- 3.Durable Armature for 8000-times runs.
- 4.Heat and cold resistant with high quality grease.

ARMATURE

Metro made Armature is equally the same to original one, so our Armature has a good heat-dissipation and does not get burned. Unlike the after market ones, the windings cheaply done against the original design just for reducing the cost.



69-85100

BRUSH HOLDER

Its material is the same as original's which is the high quality of heat-resistant.



54-85501

DRIVE

The spring has been approved and is very elastic. The Drive meets the standard specification.



76-85012A

STATIONARY GEAR

Metro use iron, this is different from plastic used by other manufacturers. Obviously our product is more durable.



66-85104

SOLENOID-MAGNETIC COIL

The magnetic coil is a crucial part of this starter. The magnet is stronger than the original, can deliver more power after we re-made and re-designed it.



Mitsuba PMGR Parts

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