

# CATERPILLAR SR4

8ZL / SEBP2300

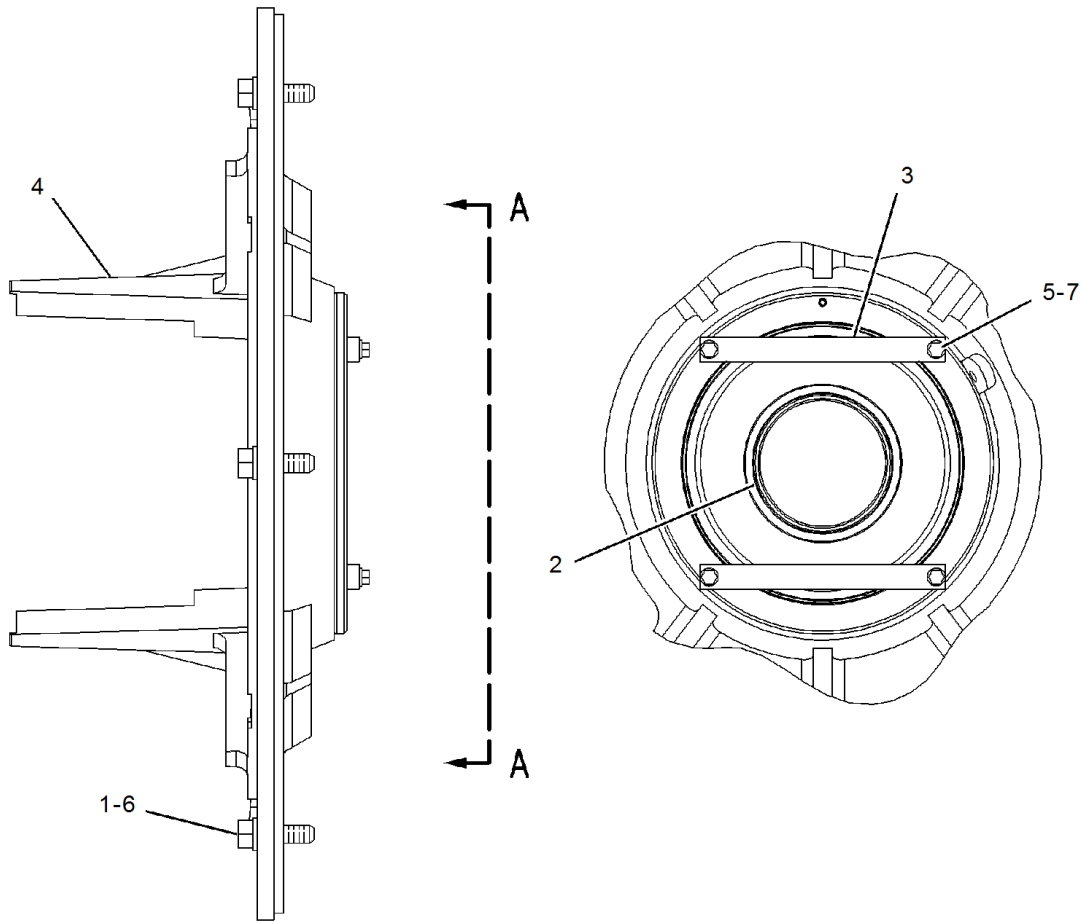
## Contents

| Section                        | Page |
|--------------------------------|------|
| <a href="#">Cooling system</a> | 2    |
| Electrical and electronics     |      |
| Basic engine                   |      |

160-0802 BRACKET GP-MOUNTING

160-0802 BRACKET GP-MOUNTING S/N 6SA537-UP; 2ED1393-UP; 8FD706-UP; 3WF610-UP; 8ZL128-UP PART OF 108-3052, 6I-3090, 6I-4827, 6I-4835, 7C-2620, 9Y-2934, 9Y-2935, 9Y-3872 GENERATOR GP ALSO AN ATTACHMENT AND FIELD INSTALLATION

Drawing 1 of 1

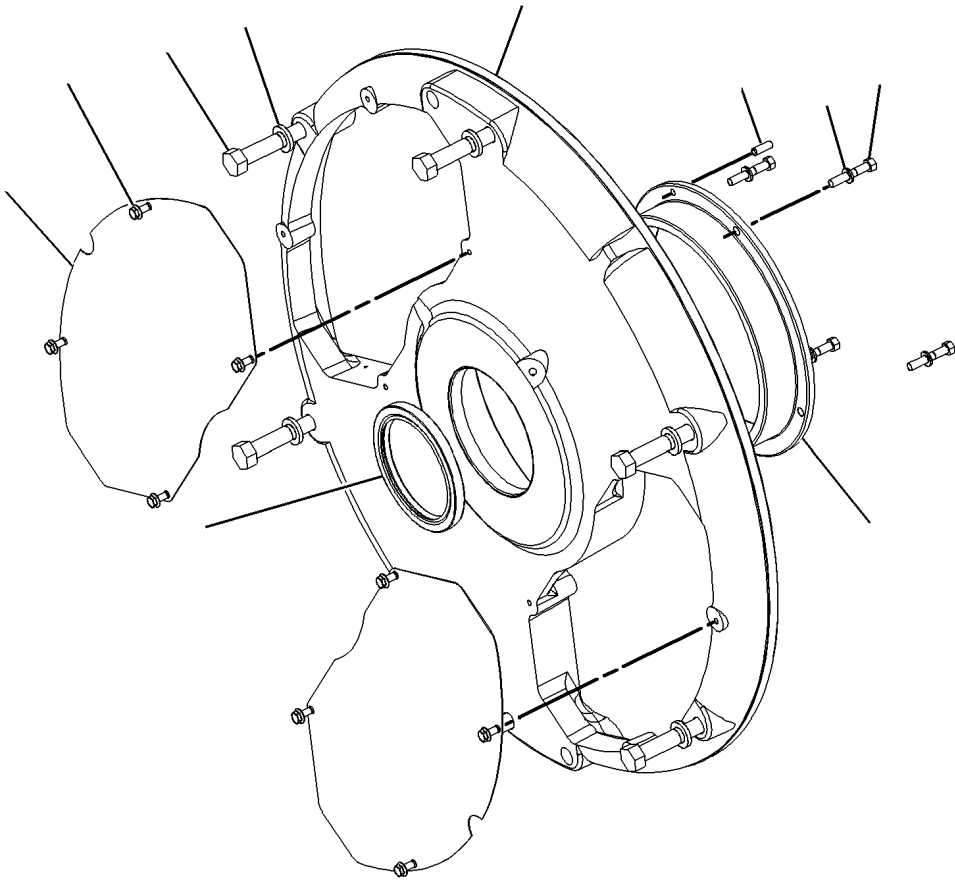


| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 5H-1504     | WASHER-HARD (20X33.5X5-MM THK)     | 6   |      |            |
| 2    | 127-4374    | SEAL                               | 1   |      |            |
| 3    | 152-5338    | RETAINER-BAR                       | 2   |      |            |
| 4    | 159-9377    | BRACKET AS-HOUSING                 | 1   |      |            |
|      | 7M-5130     | PIN-SPRING                         | 1   |      |            |
|      | 152-5183    | SLEEVE-WEAR                        | 1   |      |            |
| 5    | 0S-1571     | BOLT (3/8-16X1.75-IN)              | 4   |      |            |
| 6    | 1A-8063     | BOLT (3/4-10X2.5-IN)               | 6   |      |            |
| 7    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 4   |      |            |

164-2473 BRACKET GP-MOUNTING -DRIVE END

164-2473 BRACKET GP-MOUNTING -DRIVE END S/N 6AA2320-UP; 8ZL524-UP PART OF 109-7873 GENERATOR GP  
ALSO FIELD INSTALLATION

Drawing 1 of 1



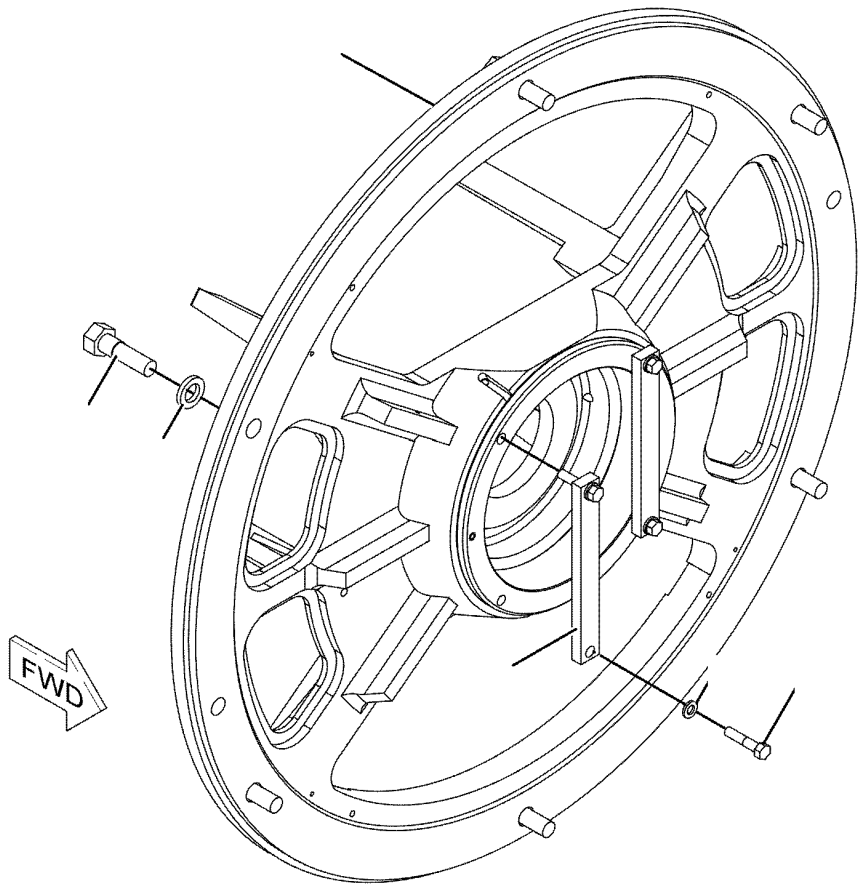
| Ref.                                            | Part number | Description                         | Qty | Code | Group page |
|-------------------------------------------------|-------------|-------------------------------------|-----|------|------------|
| 1                                               | 5H-1504     | WASHER-HARD (20X33.5X5-MM THK)      | 6   |      |            |
| 2                                               | 127-4374    | SEAL                                | 1   |      |            |
| 3                                               | 164-2528    | BRACKET AS                          | 1   | J    |            |
| 3A                                              | 7E-8355     | COVER                               | 2   |      |            |
| 3B                                              | 104-3045    | BOLT-FLANGE HEAD (5/16-18X0.625-IN) | 8   |      |            |
| 3C                                              | 7M-5130     | PIN-SPRING                          | 1   |      |            |
| 3D                                              | 152-5183    | SLEEVE-WEAR                         | 1   |      |            |
| 4                                               | 0S-1588     | BOLT (3/8-16X1.25-IN)               | 4   | C    |            |
| 5                                               | 1D-4612     | BOLT (3/4-10X4-IN)                  | 6   |      |            |
| 6                                               | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)  | 4   |      |            |
| AVAILABLE REPAIR KIT(S):                        |             |                                     |     |      |            |
|                                                 | 342-2409    | KIT-BEARING                         | 1   | J    |            |
| (INCLUDES COUPLINGS, NIPPLES, PLUGS & FITTINGS) |             |                                     |     |      |            |

CAT codes: C, J.

236-4504 BRACKET GP-MOUNTING

236-4504 BRACKET GP-MOUNTING S/N 2ED1658-UP; 8ZL524-UP PART OF 109-7873, 7C-2618, 9Y-3873 GENERATOR GP FOR USE WITH 800-FRAME

Drawing 1 of 1



| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 1A-8063     | BOLT (3/4-10X2.5-IN)               | 6   |      |            |
| 2    | 5H-1504     | WASHER-HARD (20X33.5X5-MM THK)     | 6   |      |            |
| 3    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 4   |      |            |
| 4    | 115-5094    | BRACKET AS-HOUSING                 | 1   |      |            |
|      | 116-7477    | SLEEVE-WEAR                        | 1   |      |            |
| 5    | 117-8268    | RETAINER-BEARING                   | 2   |      |            |
| 6    | 0S-1571     | BOLT (3/8-16X1.75-IN)              | 4   |      |            |

147-7258 CONNECTION GP-TERMINAL STRIP

147-7258 CONNECTION GP-TERMINAL STRIP S/N 5UA2140-UP; 6AA575-UP; 8FD602-UP; 3EF604-UP; 3WF610-UP; 8ZL128-UP; 6FA3000-UP; 6KA524-UP; 6MA709-UP; 6NA619-UP; 6PA535-UP; 6SA537-UP; 2ED420-UP; 5TD601-UP FOR USE WITH LOW VOLTAGE AN ATTACHMENT

Arrangement composition. Follow the table links to the component drawings.

| Ref. | Part number | Description                                      | Qty | Code | Group page |
|------|-------------|--------------------------------------------------|-----|------|------------|
|      | 4M-6425     | BOLT (5/16-18X1-IN)                              | 3   |      |            |
|      | 8T-0023     | BOLT-HEAD LOCKING (5/16-18X1-IN)                 | 8   |      |            |
|      | 132-8622    | BRACKET-TRANSFORMER                              | 1   |      |            |
|      | 3S-8664     | CLIP (LOOP)                                      | 1   |      |            |
|      | 6P-0699     | GROMMET                                          | 8   |      |            |
|      | 9S-5937     | LOCKNUT (10-32-THD)                              | 2   |      |            |
|      | 6V-8189     | NUT (5/16-18-THD)                                | 3   |      |            |
|      | 120-8714    | PANEL AS                                         | 1   |      |            |
|      | 9F-6445     | NUT-WELD (1/4-20-THD)                            | 2   |      |            |
|      | 4K-9097     | NUT-WELD (5/16-18-THD)                           | 3   |      |            |
|      | 120-8713    | PANEL AS                                         | 1   |      |            |
|      | 9F-6445     | NUT-WELD (1/4-20-THD)                            | 8   |      |            |
|      | 030-1193    | SCREW-MACHINE (10-32X19.05-MM)                   | 2   |      |            |
|      | 170-5396    | STRIP GP-TERMINAL (RESISTIVE TEMPERATURE DEVICE) | 1   | Y    |            |
|      | 170-5395    | STRIP GP-TERMINAL (THERMOCOUPLE)                 | 1   | Y    |            |
|      | 170-5400    | STRIP GP-TERMINAL (MAIN)                         | 1   | Y    |            |
|      | 4B-4274     | WASHER (5.5X13X1.2-MM THK)                       | 14  |      |            |
|      | 5P-4116     | WASHER-HARD (8.8X20.5X2-MM THK)                  | 6   |      |            |

CAT codes: Y.

109-7874 GENERATOR AR

109-7874 GENERATOR AR S/N 8ZL128-UP 60-HERTZ. 480-VOLT

Arrangement composition. Follow the table links to the component drawings.

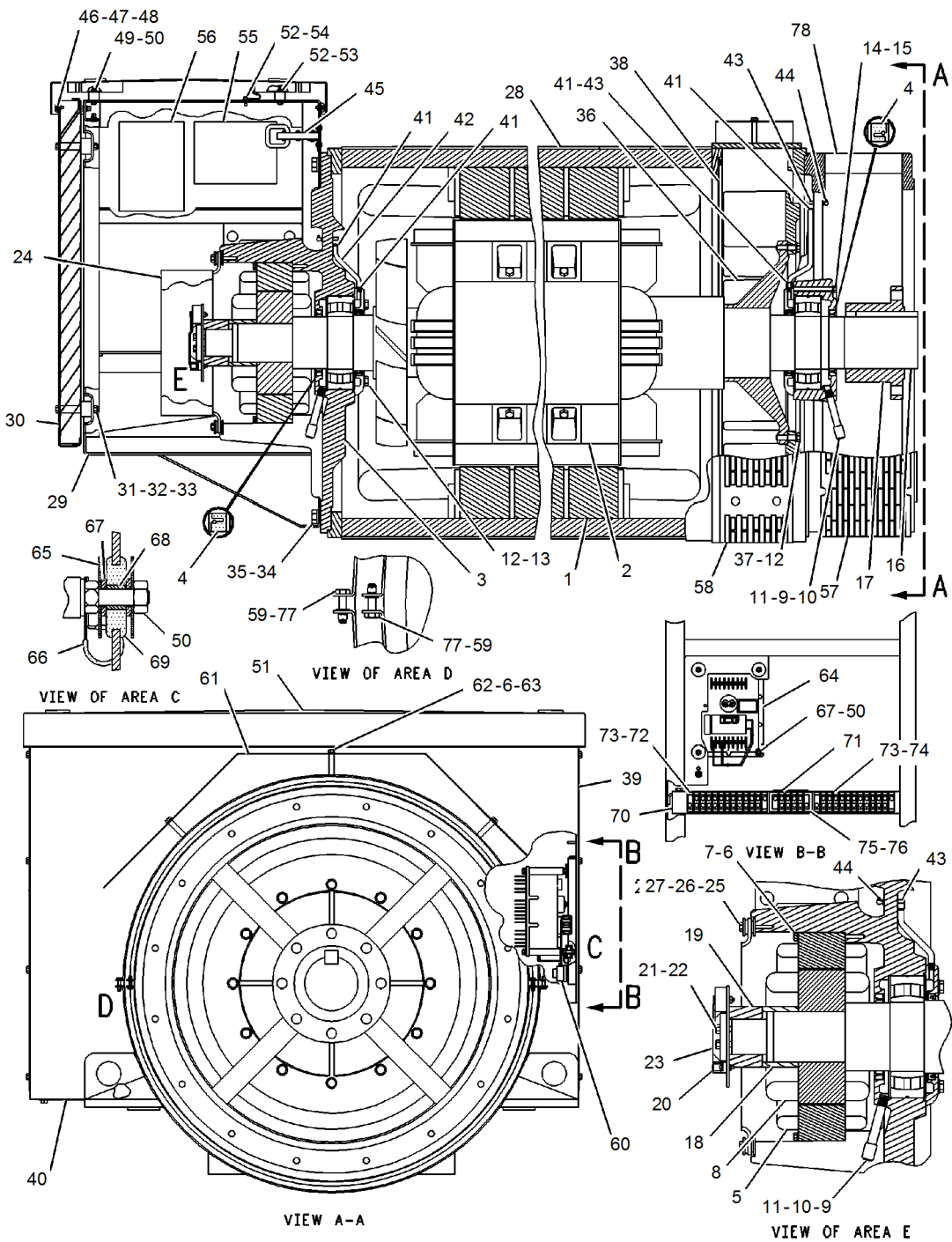
| Ref. | Part number | Description                                                                        | Qty | Code | Group page |
|------|-------------|------------------------------------------------------------------------------------|-----|------|------------|
|      | 109-7873    | GENERATOR GP                                                                       | 1   | Y    | 7, , ,     |
|      | 4W-5138     | FILM-INSTRUCTION (GROUND)                                                          | 1   |      |            |
|      |             | (NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT)         |     |      |            |
|      | 3N-8764     | FILM-CONNECTION (SPACE HEATER)                                                     | 1   |      |            |
|      |             | (INSIDE OF GENERATOR HOUSING ON PANEL NEXT TO SPACE HEATER TERMINAL STRIP)         |     |      |            |
|      | 7W-5893     | FILM-INFORMATION (GENERATOR LIFTING)                                               | 4   |      |            |
|      |             | (DIRECTLY ABOVE EACH LIFTING HOLE ON GENERATOR BARREL)                             |     |      |            |
|      | 7E-5940     | FILM-INFORMATION (GENERATOR WIRING DIAGRAM)                                        | 1   |      |            |
|      |             | (INSIDE OF GENERATOR CONTROL BOX)                                                  |     |      |            |
|      | 110-6608    | FILM-INSTRUCTION (GENERATOR NOTICE)                                                | 1   |      |            |
|      |             | (ON LH SIDE OF GENERATOR BARREL TOWARDS THE TOP & CENTERED FRONT TO REAR)          |     |      |            |
|      | 7W-4445     | FILM-WARNING (DANGER VOLTAGE)                                                      | 2   |      |            |
|      |             | (ON RH & LH GENERATOR SIDE PANELS LOCATED 4-5 INCHES FROM REAR & TOP OF GENERATOR) |     |      |            |
|      | 4P-6410     | PLATE-INFORMATION (GENERATOR)                                                      | 1   |      |            |
|      |             | (ON GENERATOR FRONT PANEL ASSEMBLY ON RH SIDE OF PACKAGE)                          |     |      |            |
|      | 1W-7848     | PLATE-SERIAL NUMBER (ENGLISH)                                                      | 1   |      |            |
|      |             | (ON RH SIDE OF GENERATOR BARREL AT FRONT USING 2K3219 DRIVE SCREWS TO INSTALL)     |     |      |            |
|      | 2K-3219     | SCREW-DRIVE (NO 6X0.25-IN)                                                         | 2   |      |            |

CAT codes: Y.

109-7873 GENERATOR GP

109-7873 GENERATOR GP S/N 8ZL128-523 60-HERTZ. 480-VOLT. 808-FRAME, 4-POLE, 6-LEAD PART OF 109-7874 GENERATOR AR

Drawing 1 of 1



| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 114-5481    | STATOR AS          | 1   |      |            |
| 2    | 112-6928    | ROTOR GP-GENERATOR | 1   | Y    |            |
| 3    | 6I-1388     | BRACKET            | 1   |      |            |
| 4    | 7C-9161     | SEAL               | 2   |      |            |

109-7873 GENERATOR GP (continued)

| Ref. | Part number | Description                              | Qty | Code | Group page |
|------|-------------|------------------------------------------|-----|------|------------|
| 5    | 7W-8873     | STATOR AS-EXCITER                        | 1   |      |            |
| 6    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK)            | 9   |      |            |
| 7    | 8H-8769     | BOLT (5/16-18X4.25-IN)                   | 4   |      |            |
| 8    | 7C-7164     | ROTOR-EXCITER                            | 1   |      |            |
| 9    | 5D-1707     | FITTING                                  | 2   |      |            |
| 10   | 5B-1309     | COUPLING-PIPE                            | 2   |      |            |
| 11   | 3J-5390     | PLUG (3/8-18-THD)                        | 2   |      |            |
| 12   | 5P-8245     | WASHER-HARD (13.5X25.5X3-MM THK)         | 16  |      |            |
| 13   | 0S-1585     | BOLT (1/2-13X1.5-IN)                     | 4   |      |            |
| 14   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)       | 4   |      |            |
| 15   | 1A-5964     | BOLT (3/8-16X4.5-IN)                     | 4   |      |            |
| 16   | 5N-8539     | KEY                                      | 1   |      |            |
| 17   | 7E-4271     | HUB-FLEXIBLE COUPLING                    | 1   | Y    |            |
| 18   | 7E-0132     | SLEEVE-SHAFT                             | 1   |      |            |
| 19   | 7E-0133     | SLEEVE AS-SHAFT                          | 1   |      |            |
| 20   | 4P-6007     | HEAT SINK AS                             | 1   | Y    |            |
| 21   | 107-6274    | SPACER (20.57X86.36X12.45-MM THK)        | 1   |      |            |
| 22   | 0S-1571     | BOLT (3/8-16X1.75-IN)                    | 4   |      |            |
| 23   | 9Y-5828     | HARNESS AS-WIRING (RECTIFIER)(HEAT SINK) | 1   |      |            |
| 24   | 7E-8372     | COVER AS-EXCITER                         | 1   |      |            |
| 25   | 7X-0578     | WASHER-HARD (10.2X32X2.5-MM THK)         | 8   |      |            |
| 26   | 7E-8303     | GROMMET                                  | 4   |      |            |
| 27   | 0S-1591     | BOLT (3/8-16X1.5-IN)                     | 4   |      |            |
| 28   | 107-2577    | COVER-STATOR                             | 1   |      |            |
| 29   | 7E-5021     | FRAME AS                                 | 1   |      |            |
| 30   | 7W-9984     | LOUVER-BOX                               | 1   |      |            |
| 31   | 054-8671    | MOUNT                                    | 4   |      |            |
| 32   | 8F-3590     | LOCKWASHER                               | 4   |      |            |
| 33   | 6V-8801     | NUT (3/8-16-THD)                         | 4   |      |            |
| 34   | 5H-1504     | WASHER-HARD (20X33.5X5-MM THK)           | 6   |      |            |
| 35   | 1A-8063     | BOLT (3/4-10X2.5-IN)                     | 6   |      |            |
| 36   | 7E-3087     | FAN (12-BLADE)                           | 1   |      |            |
| 37   | 1A-1460     | BOLT (1/2-13X2-IN)                       | 12  |      |            |
| 38   | 114-5357    | DEFLECTOR                                | 2   |      |            |
| 39   | 4P-0348     | PANEL                                    | 2   |      |            |
| 40   | 7W-9971     | COVER-BOTTOM                             | 1   |      |            |

**109-7873 GENERATOR GP** (continued)

| Ref. | Part number | Description                                   | Qty | Code | Group page |
|------|-------------|-----------------------------------------------|-----|------|------------|
| 41   | 7W-8705     | FITTING                                       | 4   |      |            |
| 42   | 7W-8737     | HOSE                                          | 1   |      |            |
| 43   | 7W-8706     | FITTING                                       | 3   |      |            |
| 44   | 3B-8488     | FITTING-GREASE (1/8-27 PTF)                   | 2   |      |            |
| 45   | 7C-7542     | TRANSFORMER AS                                | 1   | Y    |            |
| 46   | 7E-3035     | BUMPER                                        | 6   |      |            |
| 47   | 5M-5845     | SCREW (10-32X0.625-IN)                        | 6   |      |            |
| 48   | 4B-2049     | NUT (10-32-THD)                               | 6   |      |            |
| 49   | 7C-1884     | MOUNT-FLEXIBLE                                | 4   |      |            |
| 50   | 6V-8185     | NUT (1/4-20-THD)                              | 12  |      |            |
| 51   | 7C-7525     | COVER AS-TOP                                  | 1   |      |            |
|      | 5N-3167     | SEAL-RING                                     | 10  |      |            |
|      | 5N-3176     | PLUG-BUTTON                                   | 10  |      |            |
|      | 6D-7128     | SEAL-O-RING                                   | 4   |      |            |
|      | 8P-7065     | PLUG-BUTTON                                   | 4   |      |            |
|      | 8T-9587     | SEAL-O-RING                                   | 4   |      |            |
|      | 030-2284    | PLUG-BUTTON                                   | 4   |      |            |
| 52   | 7F-9223     | LOCKWASHER                                    | 2   |      |            |
| 53   | 9Y-2902     | STRAP                                         | 1   |      |            |
| 54   | 5S-7349     | BOLT (1/4-20X0.5-IN)                          | 1   |      |            |
| 55   | 7E-5940     | FILM-INFORMATION (GENERATOR WIRING DIAGRAM)   | 1   |      |            |
| 56   | 7C-5711     | FILM-INSTRUCTION (VOLTAGE CONTROL ADJUSTMENT) | 1   |      |            |
| 57   | 109-6951    | SCREEN AS-AIR                                 | 2   |      |            |
| 58   | 108-3173    | SCREEN AS (INLET)                             | 2   |      |            |
| 59   | 4M-5282     | BOLT (1/4-20X1.5-IN)                          | 8   |      |            |
| 60   | 7C-8760     | RHEOSTAT AS                                   | 1   |      |            |
| 61   | 7E-8391     | COVER                                         | 1   |      |            |
| 62   | 7E-4475     | TUBE-SPACER (8.3X11.9X50.8-MM THK)            | 5   |      |            |
| 63   | 1D-4539     | BOLT (5/16-18X2.5-IN)                         | 5   |      |            |
| 64   | 7C-2663     | REGULATOR AS-VOLTAGE                          | 1   | Y    |            |
| 65   | 033-2075    | WASHER (0.266X1.25X0.06-IN THK)               | 6   |      |            |
| 66   | 8J-1256     | CLIP                                          | 1   |      |            |
| 67   | 5P-0537     | WASHER-HARD (7.2X14.5X2-MM THK)               | 7   |      |            |
| 68   | 7C-5709     | SLEEVE                                        | 3   |      |            |
| 69   | 7C-5708     | GROMMET                                       | 3   |      |            |
| 70   | 7W-8890     | BRACKET-TERMINAL                              | 1   |      |            |

**109-7873 GENERATOR GP** (continued)

| Ref.                                                  | Part number | Description                          | Qty | Code | Group page |
|-------------------------------------------------------|-------------|--------------------------------------|-----|------|------------|
| 71                                                    | 3N-8764     | FILM-CONNECTION (SPACE HEATER)       | 1   |      |            |
| 72                                                    | 7E-1223     | MARKER                               | 1   |      |            |
| 73                                                    | 7E-1222     | STRIP-TERMINAL                       | 2   |      |            |
| 74                                                    | 7E-1224     | MARKER                               | 1   |      |            |
| 75                                                    | 3N-8763     | STRIP-TERMINAL                       | 1   |      |            |
| 76                                                    | 6L-7575     | STRIP-TERMINAL                       | 1   |      |            |
| 77                                                    | 8T-4205     | WASHER-HARD (7.2X14.5X2-MM THK)      | 8   |      |            |
| 78                                                    | 115-5092    | ADAPTER-COUPLING                     | 1   |      |            |
| AVAILABLE REPAIR KIT(S):                              |             |                                      |     |      |            |
|                                                       | 7W-9254     | KIT-HARDWARE (GENERATOR)             | 1   |      |            |
| (INCLUDES SCREWS, NUTS, WASHERS, BOLTS, PLUGS & CAPS) |             |                                      |     |      |            |
|                                                       | 7C-2696     | KIT-SPACE HEATER (GENERATOR)         | 1   | Y    |            |
|                                                       | 7E-8407     | KIT-ROTOR BALANCE WEIGHT (GENERATOR) | 1   |      |            |
| (INCLUDES WEIGHTS, NUTS, SCREWS & WASHERS)            |             |                                      |     |      |            |

CAT codes: Y.

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