

# CATERPILLAR SR4

3RD / SEBP2301

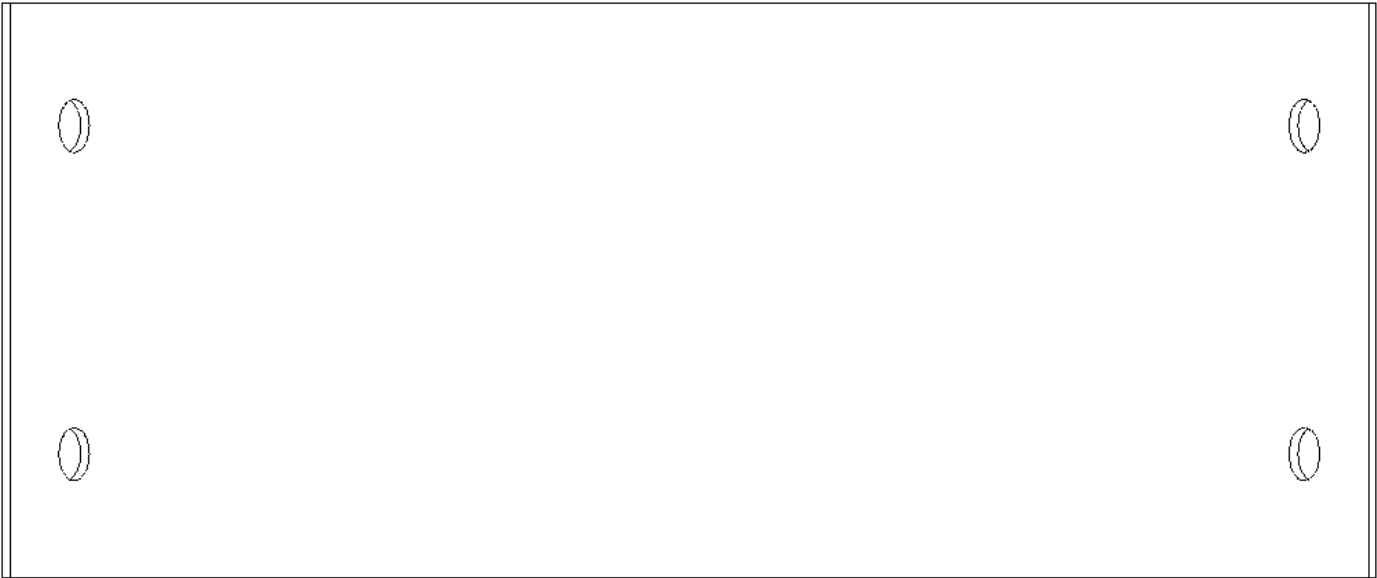
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| Fuel system                |      |
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| Electrical and electronics |      |
| Fuel system                |      |

# 159-8562 COVER-GENERATOR

159-8562 COVER-GENERATOR S/N 3RD605-UP FOR USE WITH OIL FIELD GENERATOR FIELD INSTALLATION

Drawing 1 of 1

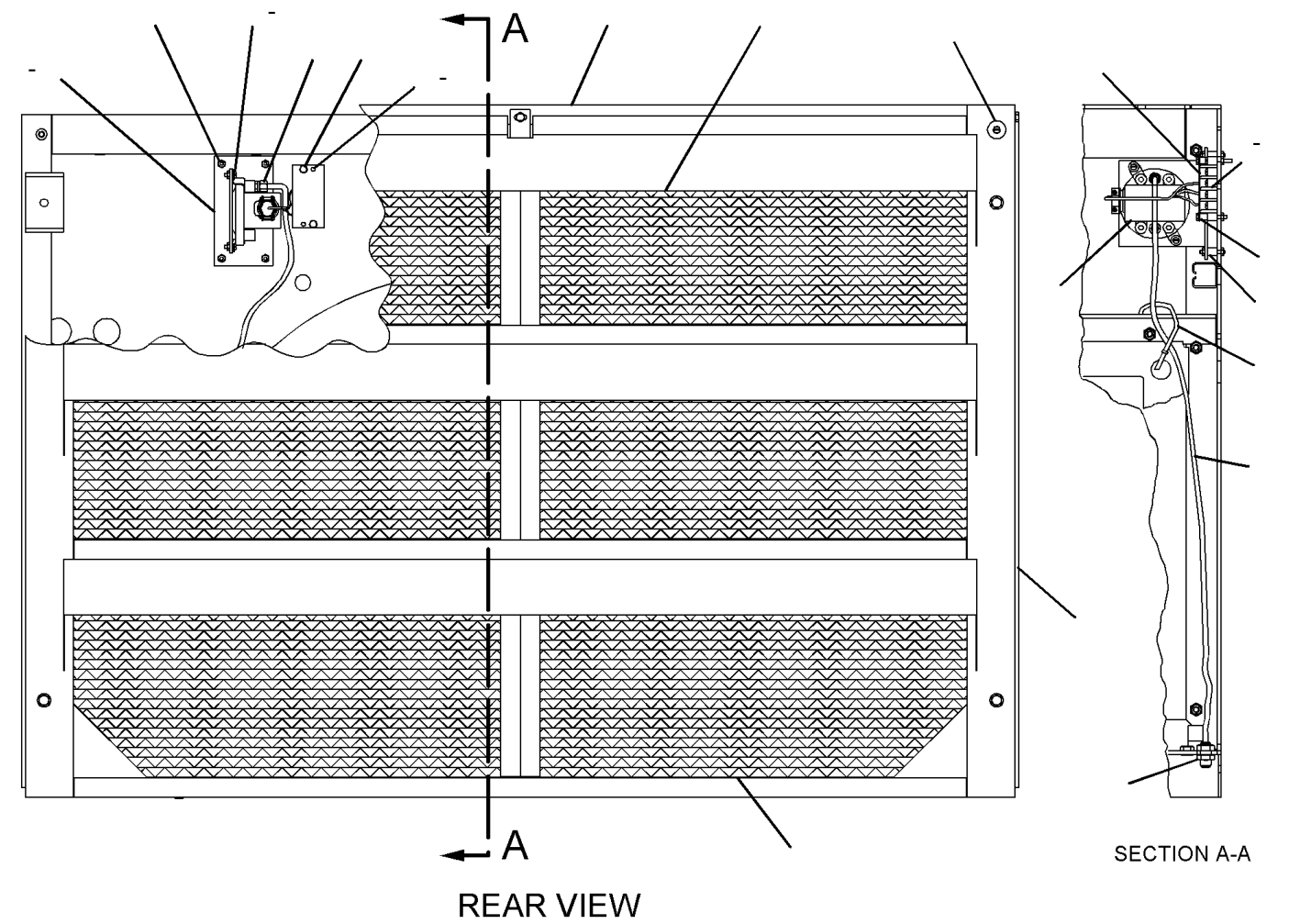


| Ref.                                           | Part number | Description | Qty | Code | Group |
|------------------------------------------------|-------------|-------------|-----|------|-------|
|                                                |             |             | .   |      | page  |
| (INDIVIDUAL PARTS ARE NOT SERVICED SEPARATELY) |             |             |     |      |       |

4P-8897 AIR FILTER GP-GENERATOR

4P-8897 AIR FILTER GP-GENERATOR S/N 5YA845-UP; 5ZA600-UP; 6LA647-UP; 3RD605-UP; 4MD610-UP; 8ZD605-UP  
FOR USE WITH 800-FRAME AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                                      | Qty | Code | Group page |
|------|-------------|--------------------------------------------------|-----|------|------------|
| 1    | 4P-9482     | SWITCH AS-PRESSURE (AIR DIFFERENTIAL, GENERATOR) | 1   |      |            |
| 2    | 4W-3595     | MOUNT                                            | 4   |      |            |
| 3    | 7W-1380     | TERMINAL                                         | 1   |      |            |
| 4    | 7E-8356     | SPACER (4.93X7.87X9.65-MM THK)                   | 2   |      |            |
| 5    | 4B-2043     | NUT (8-32-THD)                                   | 12  |      |            |
| 6    | 7S-1197     | SCREW-MACHINE (8-32X0.5-IN)                      | 2   |      |            |
|      | 4B-4863     | WASHER (4.7X11X1.2-MM THK)                       | 2   |      |            |
| 7    | 1P-2086     | BOLT-WASHER HEAD                                 | 2   |      |            |
| 8    | 6V-7697     | SCREW-MACHINE (8-32X1.25-IN)                     | 2   |      |            |
| 9    | 6I-3592     | CONNECTOR AS                                     | 1   |      |            |
| 10   | 4P-8767     | SWITCH-PRESSURE (AIR DIFFERENTIAL, GENERATOR)    | 1   |      |            |
| 11   | 4P-9481     | BRACKET                                          | 1   |      |            |

4P-8897 AIR FILTER GP-GENERATOR (continued)

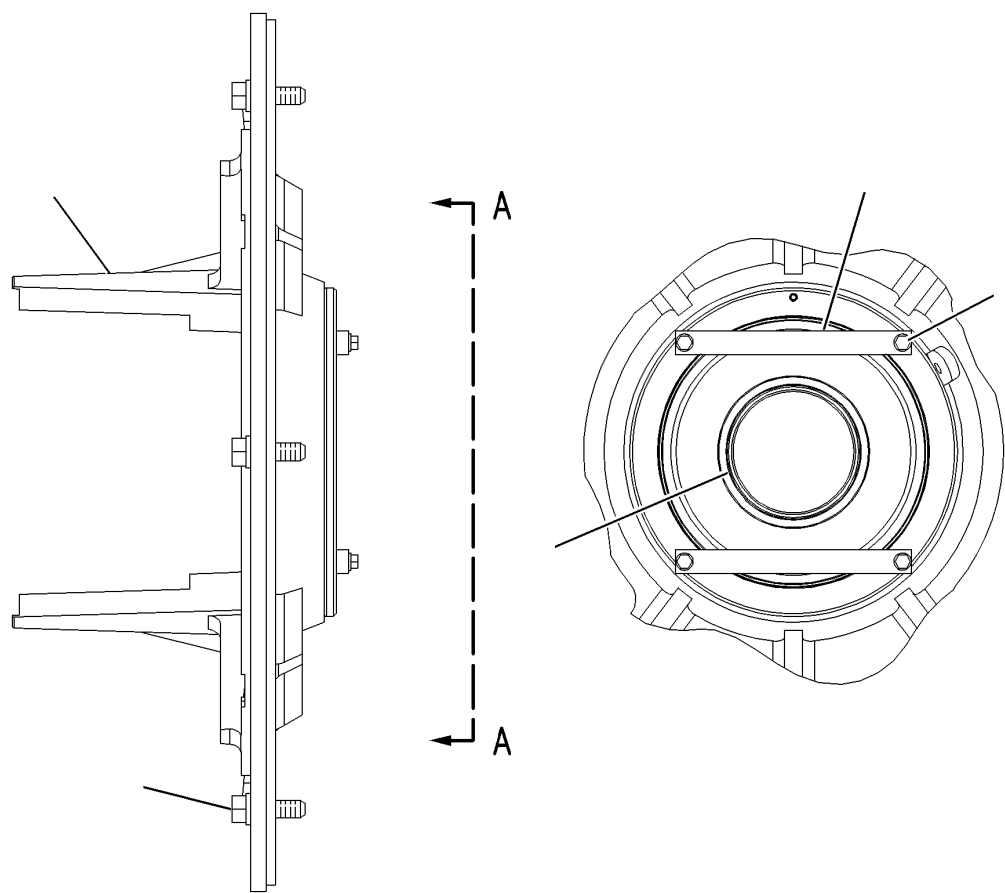
| Ref.                                                                 | Part number | Description                              | Qty | Code | Group page |
|----------------------------------------------------------------------|-------------|------------------------------------------|-----|------|------------|
| 12                                                                   | 3S-2093     | STRAP-CABLE                              | 3   | B    |            |
| 13                                                                   | 5P-6010     | TUBE                                     |     | BD   |            |
| 14                                                                   | 6I-4938     | FITTING                                  | 1   |      |            |
| 15                                                                   | 4P-6491     | FILM-IDENTIFICATION (TERMINAL)           | 1   |      |            |
| 16                                                                   | 7W-1378     | COVER                                    | 1   |      |            |
| 17                                                                   | 4P-8768     | FILTER ELEMENT AS-ENCL AIR               | 1   |      |            |
| 18                                                                   | 4P-9478     | FILTER ELEMENT-ENCLOSURE AIR             | 2   |      |            |
| 19                                                                   | 4P-9479     | FILTER ELEMENT-ENCLOSURE AIR             | 2   |      |            |
| 20                                                                   | 4P-9480     | FRAME AS                                 | 1   |      |            |
| 21                                                                   | 7E-3035     | BUMPER                                   | 2   |      |            |
|                                                                      | 4B-1238     | SCREW-MACHINE (10-32X15.88-MM)           | 2   |      |            |
|                                                                      | 4B-2049     | NUT (10-32-THD)                          | 2   |      |            |
| AVAILABLE REPAIR KIT(S):                                             |             |                                          |     |      |            |
|                                                                      | 6I-4937     | KIT-FILTER SEAL (GENERATOR)(AIR CLEANER) | 1   |      |            |
| (INCLUDES GASKETS, BRACKET, SCREWS, WASHERS, BOLTS, LOCKNUTS & PLUG) |             |                                          |     |      |            |

CAT codes: B, D.

160-0802 BRACKET GP-MOUNTING

160-0802 BRACKET GP-MOUNTING S/N 3RD638-UP; 4MD746-UP; 8MM500-UP PART OF 128-7423, 6I-4855, 7C-2623, 9Y-1408 GENERATOR GP

Drawing 1 of 1

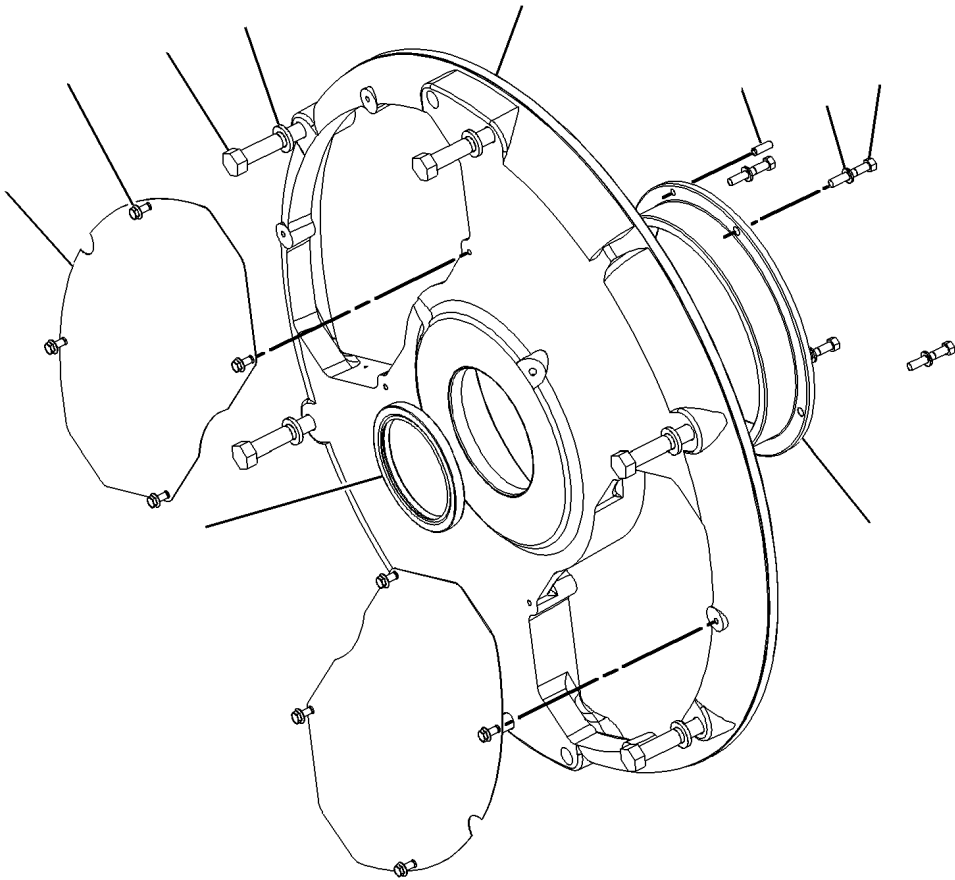


| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 5H-1504     | WASHER-HARD (20X33.5X5-MM THK)     | 6   |      |            |
| 2    | 127-4374    | SEAL                               | 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 5ZA661-UP; 3RD638-UP; 4MD746-UP; 8ZD770-UP PART OF 4P-7270, 4P-7272, 7C-2623, 9Y-1408 GENERATOR GP

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.

147-7258 CONNECTION GP-TERMINAL STRIP

147-7258 CONNECTION GP-TERMINAL STRIP S/N 5RA643-UP; 5SA515-UP; 8ZD605-UP; 8MM500-UP; 5TA845-UP; 5VA543-UP; 5YA845-UP; 5ZA600-UP; 6LA647-UP; 6WA580-UP; 3RD605-UP; 4MD610-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.

# 154-6193 CONVERSION GP-GENERATOR

154-6193 CONVERSION GP-GENERATOR S/N 5ZA600-UP; 3RD605-UP; 4MD610-UP; 8ZD605-UP 800-FRAME, 6-POLE, SELF EXCITED TO PERMANENT MAGNET EXCITE AN ATTACHMENT

Kit / parts list. The current source card does not provide a separate drawing.

| Ref. | Part number | Description                              | Qty | Code | Group page |
|------|-------------|------------------------------------------|-----|------|------------|
|      | 0S-1590     | BOLT (3/8-16X2-IN)                       | 4   |      |            |
|      | 1B-2713     | BOLT (1/4-20X1.75-IN)                    | 4   |      |            |
|      | 117-0017    | RING (SUPPORT)(SUPPORT EXCITER)          | 1   |      |            |
|      | 7C-7160     | ROTOR AS (PERMANENT MAGNET)              | 1   |      |            |
|      | 154-6698    | STATOR AS (PERMANENT MAGNET)             | 1   |      |            |
|      | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)(HARD) | 4   |      |            |
|      | 5P-0537     | WASHER-HARD (7.2X14.5X2-MM THK)(HARD)    | 4   |      |            |

## 142-9900 GENERATOR AR

142-9900 GENERATOR AR S/N 3RD605-UP 60-HERTZ. 600-VOLT

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

| Ref. | Part number | Description                                                                                              | Qty | Code | Group page |
|------|-------------|----------------------------------------------------------------------------------------------------------|-----|------|------------|
|      | 142-9899    | GENERATOR GP                                                                                             | 1   | Y    | ,          |
|      | 4P-6399     | FILM-IDENTIFICATION (CATERPILLAR)                                                                        | 1   |      |            |
|      |             | ON THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE TERMINAL BOX LID                   |     |      |            |
|      | 7W-5893     | FILM-INFORMATION (GENERATOR LIFTING)                                                                     | 4   |      |            |
|      |             | DIRECTLY ABOVE EACH LIFTING HOLE ON GENERATOR BARREL                                                     |     |      |            |
|      | 228-4798    | FILM-IDENTIFICATION (GROUND)                                                                             | 1   |      |            |
|      |             | NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT                                 |     |      |            |
|      | 224-7684    | FILM-IDENTIFICATION (CAT)                                                                                | 2   |      |            |
|      |             | ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE TERMINAL BOX             |     |      |            |
|      |             | IF THE TERMINAL BOX HAS TWO PANELS, MOVE FILM TO THE CENTER OF THE REAR PANEL, AT THE TOP                |     |      |            |
|      | 3N-8591     | FILM-INFORMATION (DO NOT LIFT)                                                                           | 4   |      |            |
|      |             | ONE ON EACH LIFTING EYE COVER ASSEMBLY                                                                   |     |      |            |
|      | 7C-5990     | FILM-INFORMATION (NEUTRAL FLOATING)                                                                      | 2   |      |            |
|      |             | ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, DIRECTLY ABOVE THE AUTO START WARNING               |     |      |            |
|      | 225-3224    | FILM-WARNING (AUTOMATIC ENGINE START)                                                                    | 2   |      |            |
|      |             | ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, DIRECTLY ABOVE THE SHOCK WARNING FILM               |     |      |            |
|      | 225-3227    | FILM-WARNING (HOT SURFACE)                                                                               | 2   |      |            |
|      |             | ONE FILM ON EACH SIDE OF THE GENERATOR BARREL, DIRECTLY ON THE GENERATOR BARREL, NOT ON THE BARREL COVER |     |      |            |
|      | 229-5047    | FILM-WARNING (SHOCK HAZARD, READ OMM)                                                                    | 3   |      |            |
|      |             | ONE FILM ON THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE BOTTOM OF THE TERMINAL BOX           |     |      |            |
|      |             | ALSO ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, CENTERED ABOVE LIFTING INSTALLATION FILM       |     |      |            |
|      | 106-8061    | PLATE-GENERATOR (GREASE BEARING)                                                                         | 1   |      |            |
|      |             | ON GENERATOR FRONT PANEL ASSEMBLY ON RH SIDE OF PACKAGE, NEXT TO GENERATOR INFORMATION PLATE             |     |      |            |
|      | 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   |      |            |
|      |             | ON GENERATOR SERIAL NUMBER PLATE                                                                         |     |      |            |

CAT codes: Y.

7C-2630 GENERATOR AR

7C-2630 GENERATOR AR S/N 3RD605-UP 60-HERTZ. 600-VOLT

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

| Ref.                                                                                                     | Part number | Description                                 | Qty | Code | Group page |
|----------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------|-----|------|------------|
|                                                                                                          | 7C-2623     | GENERATOR GP                                | 1   | Y    |            |
|                                                                                                          | 4P-6399     | FILM-IDENTIFICATION (CATERPILLAR)           | 1   |      |            |
| ON THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE TERMINAL BOX LID                   |             |                                             |     |      |            |
|                                                                                                          | 7W-5893     | FILM-INFORMATION (GENERATOR LIFTING)        | 4   |      |            |
| ONE DIRECTLY ABOVE EACH LIFTING HOLE ON GENERATOR BARREL                                                 |             |                                             |     |      |            |
|                                                                                                          | 228-4798    | FILM-IDENTIFICATION (GROUND)                | 1   |      |            |
| NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND CUSTOMER CONNECTION POINT                                 |             |                                             |     |      |            |
|                                                                                                          | 224-7684    | FILM-IDENTIFICATION (CAT)                   | 2   |      |            |
| ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, CENTERED AT THE TOP OF THE TERMINAL BOX             |             |                                             |     |      |            |
| IF THE TERMINAL BOX HAS TWO PANELS, MOVE FILM TO THE CENTER OF THE REAR PANEL, AT THE TOP                |             |                                             |     |      |            |
|                                                                                                          | 7E-5940     | FILM-INFORMATION (GENERATOR WIRING DIAGRAM) | 1   |      |            |
| INSIDE OF GENERATOR CONTROL BOX                                                                          |             |                                             |     |      |            |
|                                                                                                          | 3N-8591     | FILM-INFORMATION (DO NOT LIFT)              | 4   |      |            |
| ONE ON EACH LIFTING EYE COVER ASSEMBLY                                                                   |             |                                             |     |      |            |
|                                                                                                          | 7C-5990     | FILM-INFORMATION (NEUTRAL FLOATING)         | 2   |      |            |
| ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, DIRECTLY ABOVE THE AUTO START WARNING               |             |                                             |     |      |            |
|                                                                                                          | 225-3224    | FILM-WARNING (AUTOMATIC ENGINE START)       | 2   |      |            |
| ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, DIRECTLY ABOVE THE SHOCK WARNING FILM               |             |                                             |     |      |            |
|                                                                                                          | 225-3227    | FILM-WARNING (HOT SURFACE)                  | 2   |      |            |
| ONE FILM ON EACH SIDE OF THE GENERATOR BARREL, DIRECTLY ON THE GENERATOR BARREL, NOT ON THE BARREL COVER |             |                                             |     |      |            |
|                                                                                                          | 229-5047    | FILM-WARNING (SHOCK HAZARD, READ OMM)       | 3   |      |            |
| ONE FILM ON THE REAR OF THE GENERATOR TERMINAL BOX, CENTERED AT THE BOTTOM OF THE TERMINAL BOX           |             |                                             |     |      |            |
| ALSO ONE FILM ON EACH SIDE OF THE GENERATOR TERMINAL BOX, CENTERED ABOVE LIFTING INSTALLATION FILM       |             |                                             |     |      |            |
|                                                                                                          | 106-8061    | PLATE-GENERATOR (GREASE BEARING)            | 1   |      |            |
| ON GENERATOR FRONT PANEL ASSEMBLY ON RH SIDE OF PACKAGE NEXT TO GENERATOR INFORMATION PLATE              |             |                                             |     |      |            |
|                                                                                                          | 1W-7848     | PLATE-SERIAL NUMBER (ENGLISH)               | 1   |      |            |
| INSIDE OF GENERATOR CONTROL PANEL                                                                        |             |                                             |     |      |            |
|                                                                                                          | 2K-3219     | SCREW-DRIVE (NO 6X0.25-IN)                  | 2   |      |            |
| ON GENERATOR SERIAL NUMBER PLATE                                                                         |             |                                             |     |      |            |

CAT codes: Y.

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