

# CATERPILLAR BP24

EAK / SEBP3561

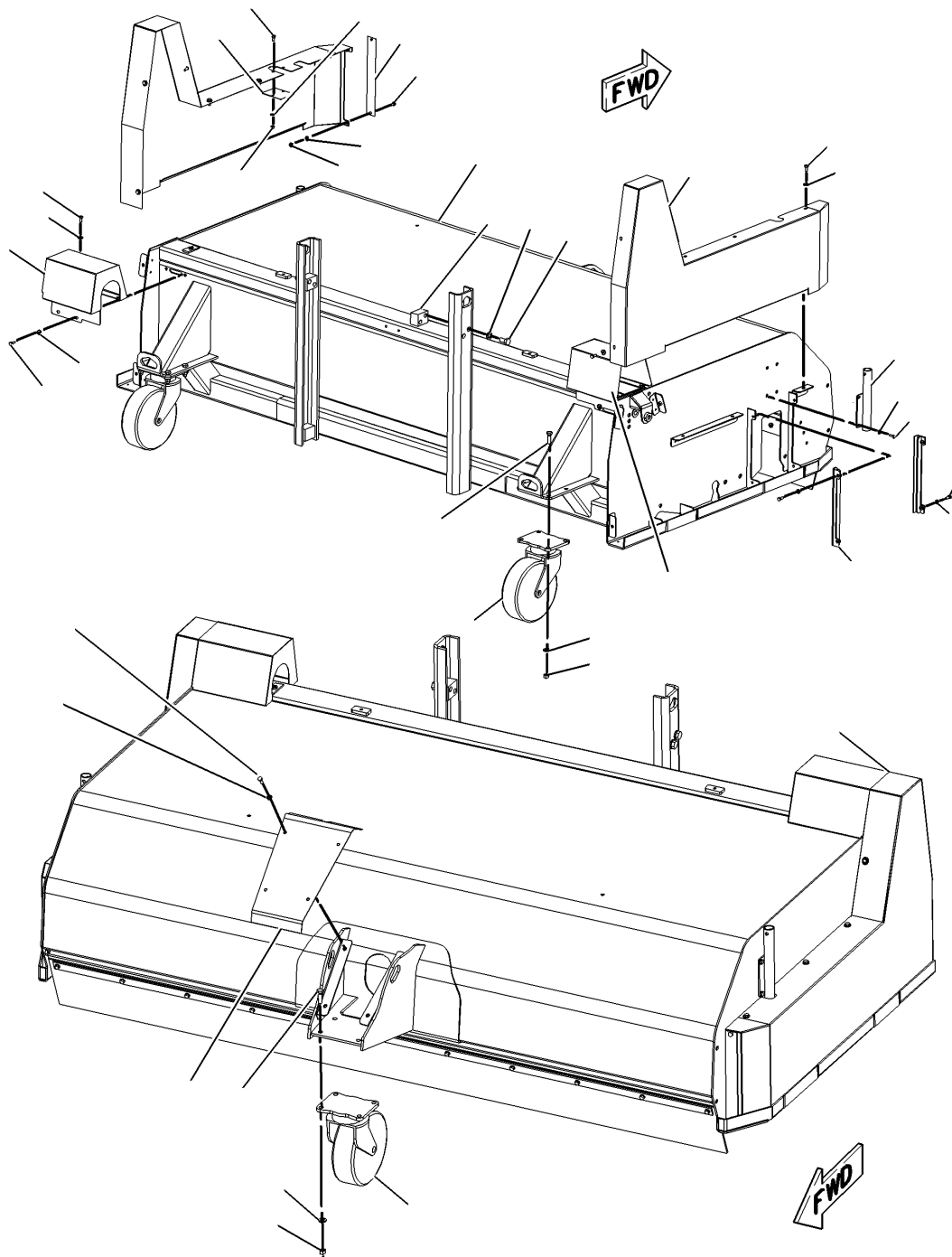
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| Basic engine                     |                   |
| Basic engine                     |                   |

## 219-1277 FRAME GP-BROOM

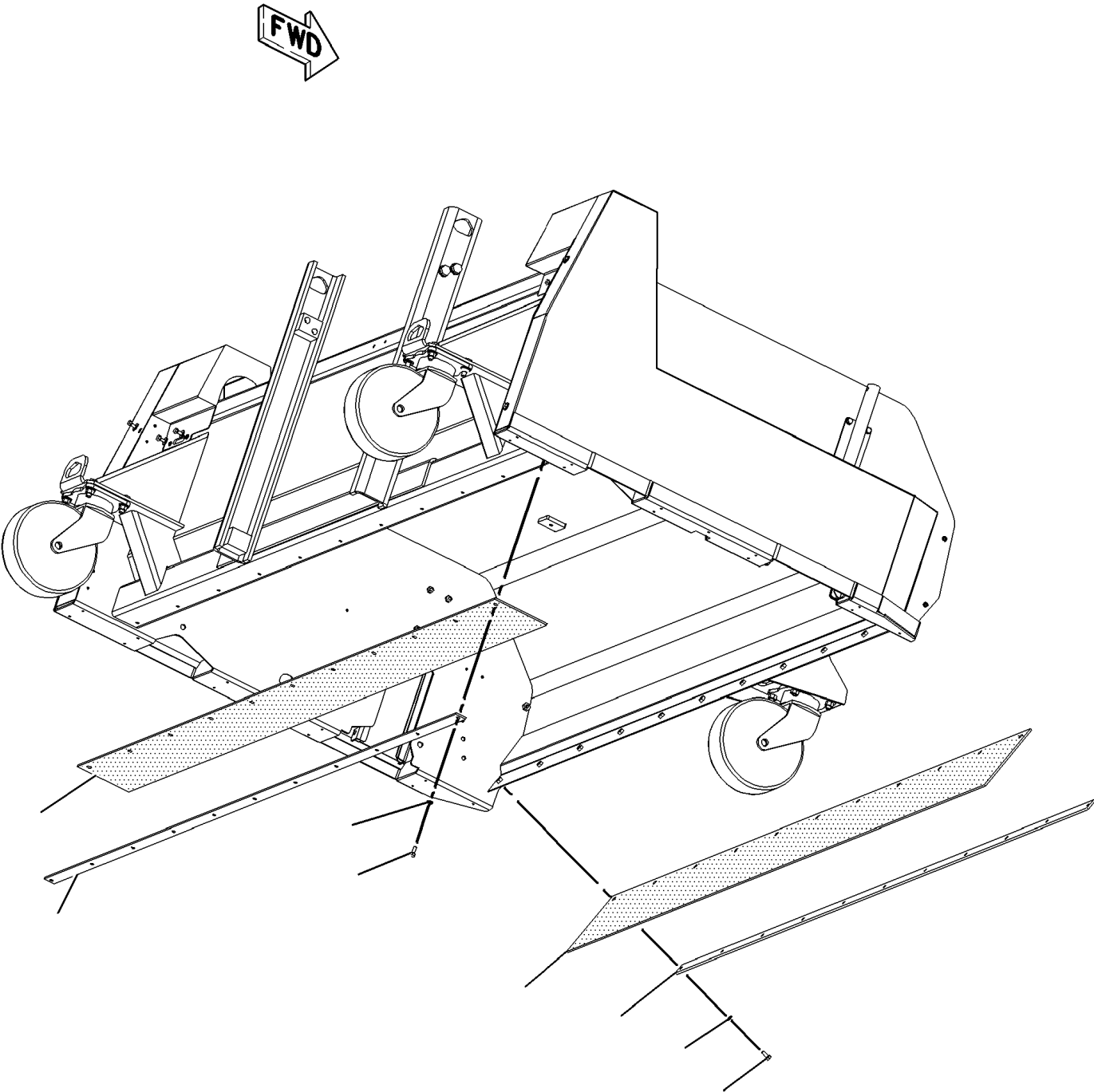
219-1277 FRAME GP-BROOM PART OF 221-1960, 221-1970 BROOM AR-PICKUP

Drawing 1 of 2



219-1277 FRAME GP-BROOM (continued)

Drawing 2 of 2



| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 1    | 219-1212    | BRACKET AS             | 4   |      |            |
|      | 8T-3612     | NUT-WELD (M8X1.25-THD) | 2   | M    |            |
| 2    | 219-1214    | BLOCK                  | 2   |      |            |
| 3    | 219-1261    | BRACKET                | 2   |      |            |
| 4    | 219-1266    | CASTER AS              | 3   |      |            |
| 5    | 219-1269    | FRAME AS               | 1   |      |            |

219-1277 FRAME GP-BROOM (continued)

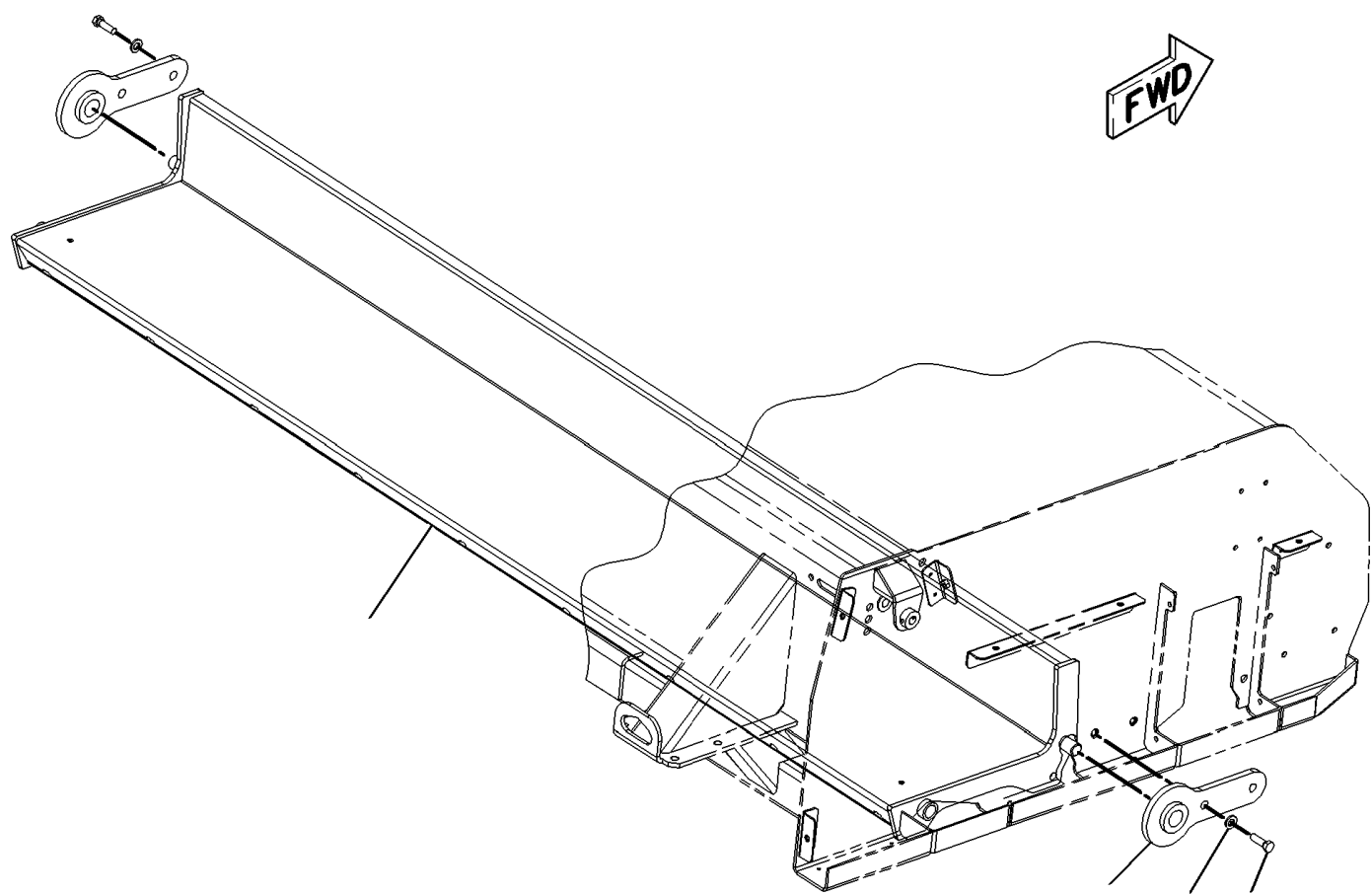
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
|      | 8T-3490     | NUT-WELD (M10X1.5-THD)           | 4   | M    |            |
|      | 8T-3597     | NUT-WELD (M12X1.75-THD)          | 4   | M    |            |
|      | 8T-3612     | NUT-WELD (M8X1.25-THD)           | 39  | M    |            |
|      | 089-7991    | PLATE                            | 2   |      |            |
|      | 219-1197    | BRACKET AS                       | 2   |      |            |
| 6    | 221-8341    | SKIRT                            | 1   |      |            |
| 7    | 221-8359    | COVER                            | 1   |      |            |
| 8    | 228-6460    | SKIRT                            | 1   |      |            |
| 9    | 228-6487    | BRACKET AS                       | 2   |      |            |
| 10   | 228-6499    | COVER (LH)                       | 1   |      |            |
| 11   | 228-6500    | COVER (RH)                       | 1   |      |            |
| 12   | 229-8976    | PLATE                            | 2   |      |            |
| 13   | 229-8977    | PLATE                            | 1   |      |            |
| 14   | 232-4801    | COVER AS (LH)                    | 1   |      |            |
| 15   | 232-4802    | COVER AS (RH)                    | 1   |      |            |
| 16   | 5C-7261     | NUT (M8X1.25-THD)                | 6   | M    |            |
| 17   | 5P-4116     | WASHER-HARD (8.8X20.5X2-MM THK)  | 24  |      |            |
| 18   | 7X-2552     | BOLT (M16X2X30-MM)               | 4   | M    |            |
| 19   | 8T-4183     | BOLT (M12X1.75X40-MM)            | 12  | M    |            |
| 20   | 8T-4189     | BOLT (M8X1.25X20-MM)             | 54  | M    |            |
| 21   | 8T-4200     | BOLT (M8X1.25X16-MM)             | 6   | M    |            |
| 22   | 8T-4223     | WASHER-HARD (13.5X25.5X3-MM THK) | 12  |      |            |
| 23   | 8T-4224     | WASHER-HARD (8.8X16X2-MM THK)    | 44  |      |            |
| 24   | 8T-4244     | NUT (M12X1.75-THD)               | 12  | M    |            |
| 25   | 8T-4908     | BOLT (M8X1.25X25-MM)             | 8   | M    |            |
| 26   | 9X-8257     | WASHER (17.5X30X3.5-MM THK)      | 14  |      |            |

CAT codes: M.

221-8339 FRAME GP-DEBRIS

221-8339 FRAME GP-DEBRIS PART OF 221-1960, 221-1970 BROOM AR-PICKUP

Drawing 1 of 1



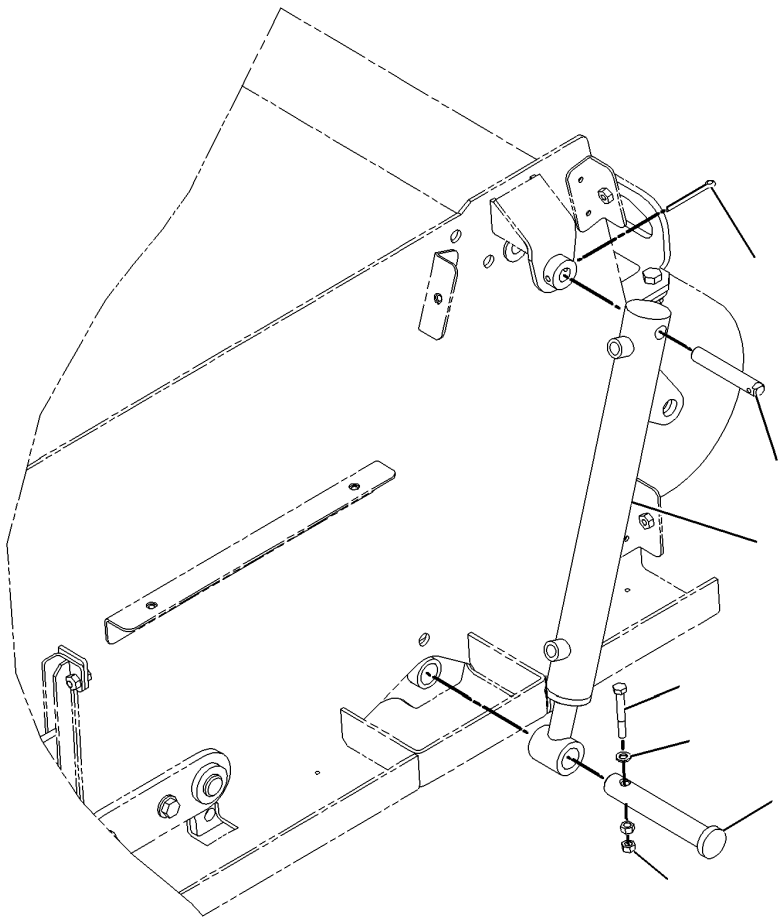
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 221-8330    | FRAME AS                         | 1   |      |            |
| 2    | 221-8338    | PIVOT AS                         | 2   |      |            |
| 3    | 8T-4183     | BOLT (M12X1.75X40-MM)            | 4   | M    |            |
| 4    | 8T-4223     | WASHER-HARD (13.5X25.5X3-MM THK) | 4   |      |            |

CAT codes: M.

221-8371 CYLINDER & MTG GP-BROOM

221-8371 CYLINDER & MTG GP-BROOM PART OF 221-8360 HYDRAULIC AR

Drawing 1 of 1



| Ref.            | Part number | Description                   | Qty | Code | Group page |
|-----------------|-------------|-------------------------------|-----|------|------------|
| 1               | 219-1222    | PIN                           | 2   |      |            |
| 2               | 219-1223    | CYLINDER GP-HYDRAULIC         | 2   |      |            |
| (EACH INCLUDES) |             |                               |     |      |            |
|                 | 229-8966    | KIT-SEAL                      | 1   |      |            |
| 3               | 219-1224    | PIN                           | 2   |      |            |
| 4               | 3B-5302     | PIN-COTTER                    | 2   |      |            |
| 5               | 5C-7261     | NUT (M8X1.25-THD)             | 4   | M    |            |
| 6               | 8T-4224     | WASHER-HARD (8.8X16X2-MM THK) | 2   |      |            |
| 7               | 8T-6869     | BOLT (M8X1.25X60-MM)          | 2   | M    |            |

CAT codes: M.

221-8360 HYDRAULIC AR

221-8360 HYDRAULIC AR PART OF 221-1960, 221-1970 BROOM AR-PICKUP

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

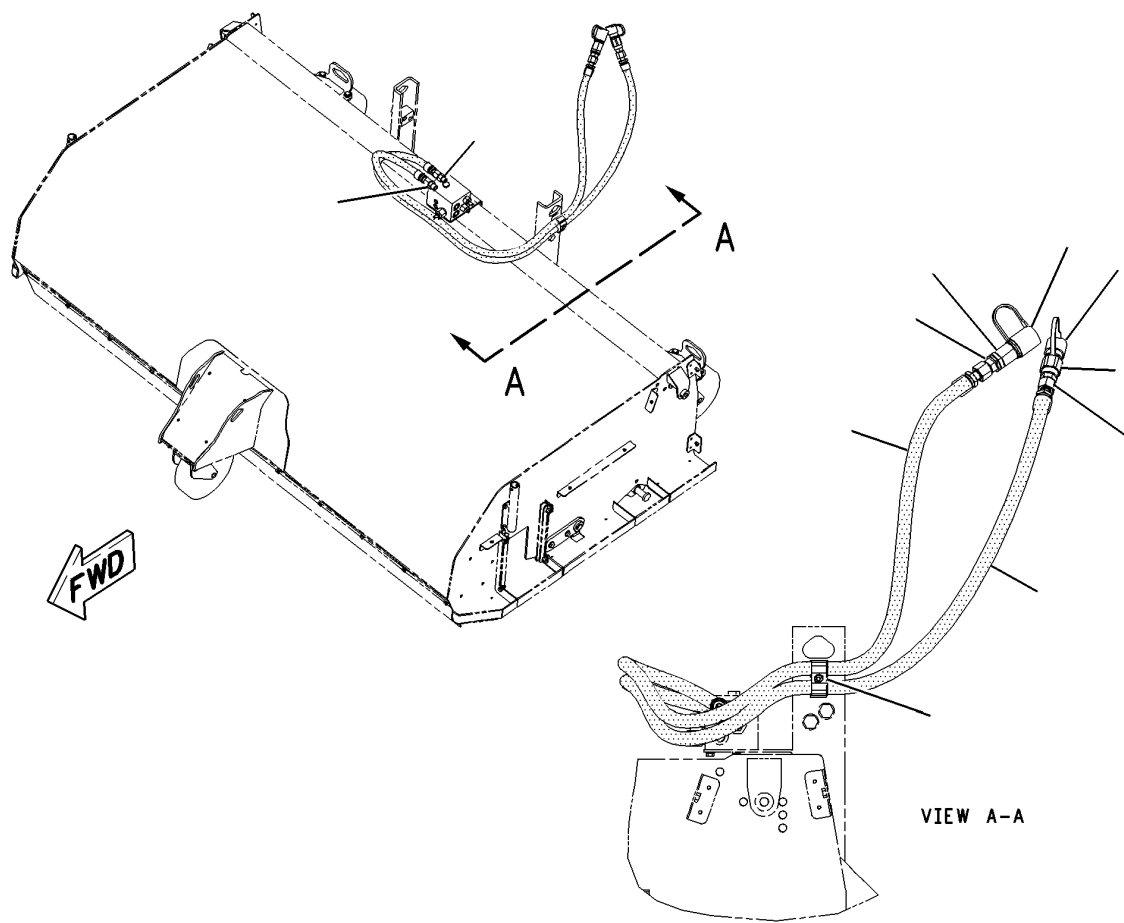
| Ref. | Part number              | Description             | Qty | Code | Group page |
|------|--------------------------|-------------------------|-----|------|------------|
|      | <a href="#">221-8371</a> | CYLINDER & MTG GP-BROOM | 1   | Y    | 6          |
|      | <a href="#">221-8361</a> | LINES GP-CONNECTING     | 1   | Y    | 8          |
|      | 221-8369                 | LINES GP-CYLINDER       | 1   | Y    |            |
|      | 221-8364                 | LINES GP-HYDRAULIC      | 1   | Y    |            |

CAT codes: Y.

221-8361 LINES GP-CONNECTING

221-8361 LINES GP-CONNECTING PART OF 221-8360 HYDRAULIC AR

Drawing 1 of 1



| Ref.            | Part number | Description                          | Qty | Code | Group page |
|-----------------|-------------|--------------------------------------|-----|------|------------|
| 1               | 117-5937    | CLAMP-DOUBLE                         | 1   |      |            |
| 2               | 153-2994    | COUPLER AS-QUICK DISCONNECT (FEMALE) | 1   |      |            |
| 3               | 185-7887    | COUPLER AS-QUICK DISCONNECT (MALE)   | 1   |      |            |
| 4               | 231-3459    | HOSE AS                              | 2   | I    |            |
| 5               | 148-8315    | CONNECTOR AS                         | 3   |      |            |
| (EACH INCLUDES) |             |                                      |     |      |            |
|                 | 2M-9780     | SEAL-O-RING                          | 1   |      |            |
|                 | 6V-8642     | CONNECTOR                            | 1   |      |            |
|                 | 7J-9108     | SEAL-O-RING                          | 1   |      |            |
| 6               | 148-8342    | CONNECTOR AS                         | 1   |      |            |
|                 | 3K-0360     | SEAL-O-RING                          | 1   |      |            |
|                 | 6V-8632     | CONNECTOR                            | 1   |      |            |

221-8361 LINES GP-CONNECTING (continued)

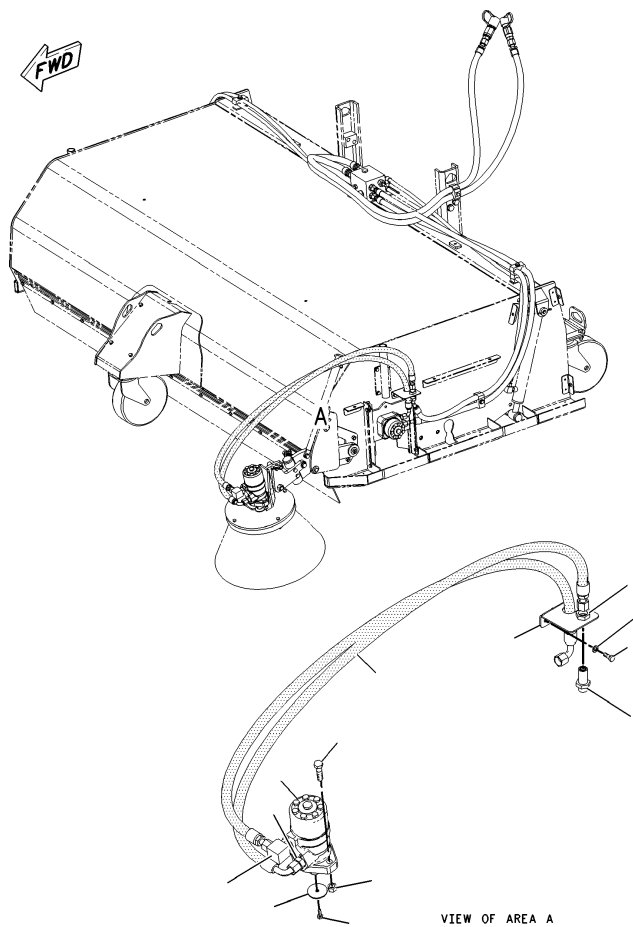
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
|      | 7J-9108     | SEAL-O-RING | 1   |      |            |
| 7    | 152-5717    | CAP-DUST    | 1   |      |            |
| 8    | 152-5718    | CAP-DUST    | 1   |      |            |

CAT codes: I.

231-4508 LINES GP-CONNECTING

231-4508 LINES GP-CONNECTING PART OF 221-8390 BRUSH AR-GUTTER AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                | Qty | Code | Group page |
|------|-------------|----------------------------|-----|------|------------|
| 1    | 137-1352    | WASHER (7.2X45X2.5-MM THK) | 1   |      |            |
| 2    | 231-4506    | HOSE AS                    | 2   | I    |            |
| 3    | 231-4509    | MOTOR GP-GEROTOR           | 1   |      |            |
|      | 229-8960    | KIT-SEAL                   | 1   |      |            |
|      | 232-1429    | KEY                        | 1   |      |            |
| 4    | 232-2342    | BRACKET                    | 1   |      |            |
| 5    | 0S-1615     | BOLT (1/4-20X0.75-IN)      | 1   |      |            |
| 6    | 148-8345    | CONNECTOR AS               | 1   |      |            |
|      | 6V-8638     | CONNECTOR                  | 1   |      |            |
|      | 2M-9780     | SEAL-O-RING                | 1   |      |            |
|      | 6V-8398     | SEAL-O-RING                | 1   |      |            |
| 7    | 148-8372    | ELBOW AS                   | 1   |      |            |
|      | 6V-8721     | ELBOW                      | 1   |      |            |
|      | 2M-9780     | SEAL-O-RING                | 1   |      |            |
|      | 6V-8398     | SEAL-O-RING                | 1   |      |            |

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