

# CATERPILLAR D35HP

3FD / SEBP8481

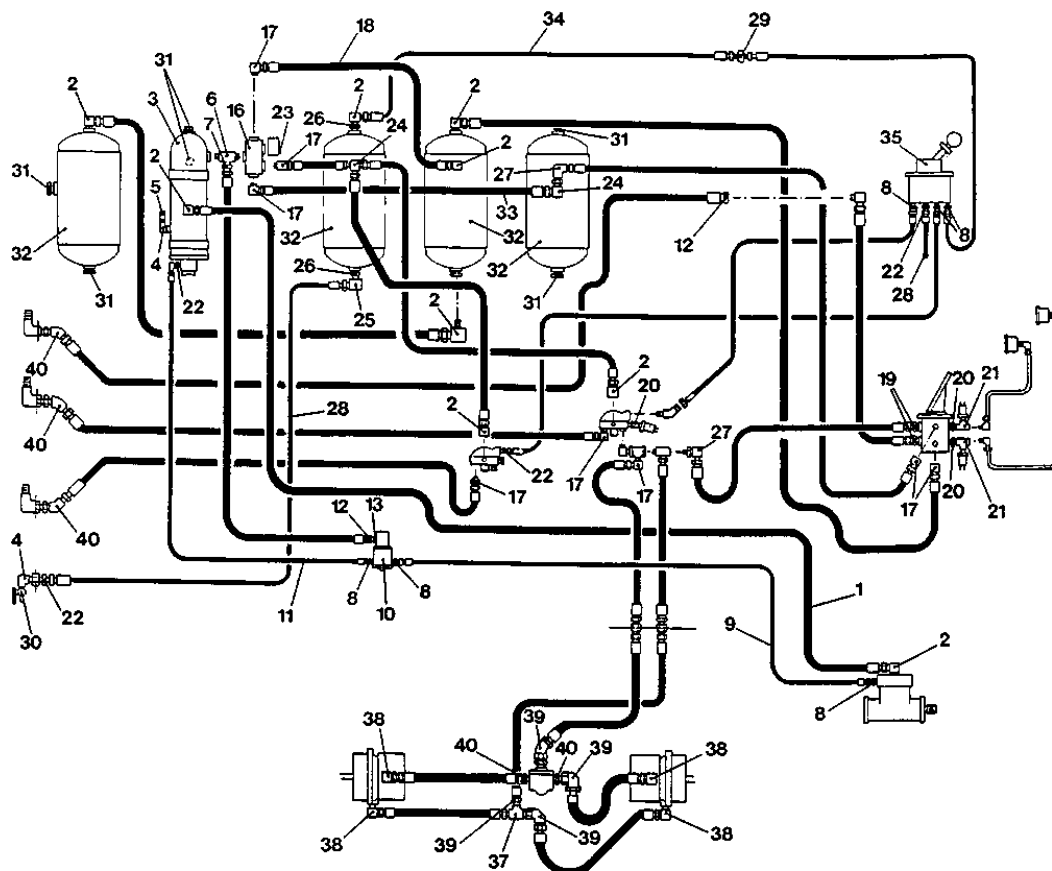
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| Power train                 |      |
| Fuel system                 |      |
| Electrical and electronics  |      |
| Power train                 |      |
| Air inlet and exhaust       |      |

# AIR BRAKE LINES - TRACTOR

## AIR BRAKE LINES - TRACTOR (1 OF 2)

Drawing 1 of 1



| ITEM NO | PART NO | QTY   | DESCRIPTION             |
|---------|---------|-------|-------------------------|
| 1       | 5U3146  | 1     | HOSE                    |
| 2       | 2N3378  | 8     | ELBOW                   |
| Y 3     | 5U8222  | 1     | AIR DRYER               |
| 4       | 3B6773  | 2     | ELBOW                   |
| 5       | 5U3834  | 1     | SAFETY VALVE            |
| 6       | 5U8369  | 1     | TEE                     |
| 7       | 5U8370  | 1     | ADAPTOR                 |
| 8       | 8L6557  | 6     | ADAPTOR                 |
| 9       | 6U2295  | 1     | HOSE                    |
| Y 10    | 6U5704  | 1     | GOVERNOR VALVE          |
| 11      | 5U9056  | 1     | HOSE                    |
| 12      | 618463  | 2     | ADAPTOR                 |
| 13      | 5H8936  | 1     | REDUCER                 |
| 14      | -----   | ----- | -----                   |
| C 15    | -----   | ----- | -----                   |
| 16      | 5U3838  | 1     | SYSTEM PROTECTION VALVE |
| 17      | 7L7262  | 8     | ELBOW                   |
| 18      | 5U9002  | 1     | HOSE                    |
| 19      | 8M0755  | 2     | ADAPTOR                 |
| 20      | 3B7722  | 3     | ADAPTOR                 |
| 21      | 2D7325  | 3     | TEE                     |

| ITEM NO | PART NO | QTY   | DESCRIPTION      |
|---------|---------|-------|------------------|
| 22      | 4S6399  | 4     | ADAPTOR          |
| 23      | 2B7409  | 1     | PLUG             |
| 24      | 016842  | 2     | TEE              |
| 25      | 6K1972  | 2     | ELBOW            |
| 26      | 6B5072  | 2     | ADAPTOR          |
| 27      | 8M0547  | 2     | ELBOW            |
| 28      | 6U4729  | 2     | HOSE             |
| 29      | 2P1276  | 1     | BULKHEAD         |
| 30      | 2U3015  | 1     | DRAIN VALVE      |
| 31      | 2U3908  | 5     | PLUG             |
| 32      | 5U2174  | 4     | AIR TANK         |
| 33      | 5U3143  | 1     | HOSE             |
| 34      | 5U9009  | 1     | HOSE             |
| Y C 35  | 6U7706  | 1     | PARK BRAKE VALVE |
| C 36    | -----   | ----- | -----            |
| 37      | 5U5372  | 1     | TEE              |
| 38      | 2N3378  | 4     | ELBOW            |
| 39      | 307963  | 4     | ELBOW            |
| 40      | 8M0755  | 2     | ADAPTOR          |

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| Ref. | Part number | Description  | Qty | Code | Group page |
|------|-------------|--------------|-----|------|------------|
| 1    | 5U-3146     | HOSE         | 1   |      |            |
| 2    | 2N-3378     | ELBOW        | 8   |      |            |
| 3    | 5U-8222     | AIR DRYER    | 1   | Y    |            |
| 4    | 3B-6773     | ELBOW        | 2   |      |            |
| 5    | 5U-3834     | SAFETY VALVE | 1   |      |            |

## AIR BRAKE LINES - TRACTOR (continued)

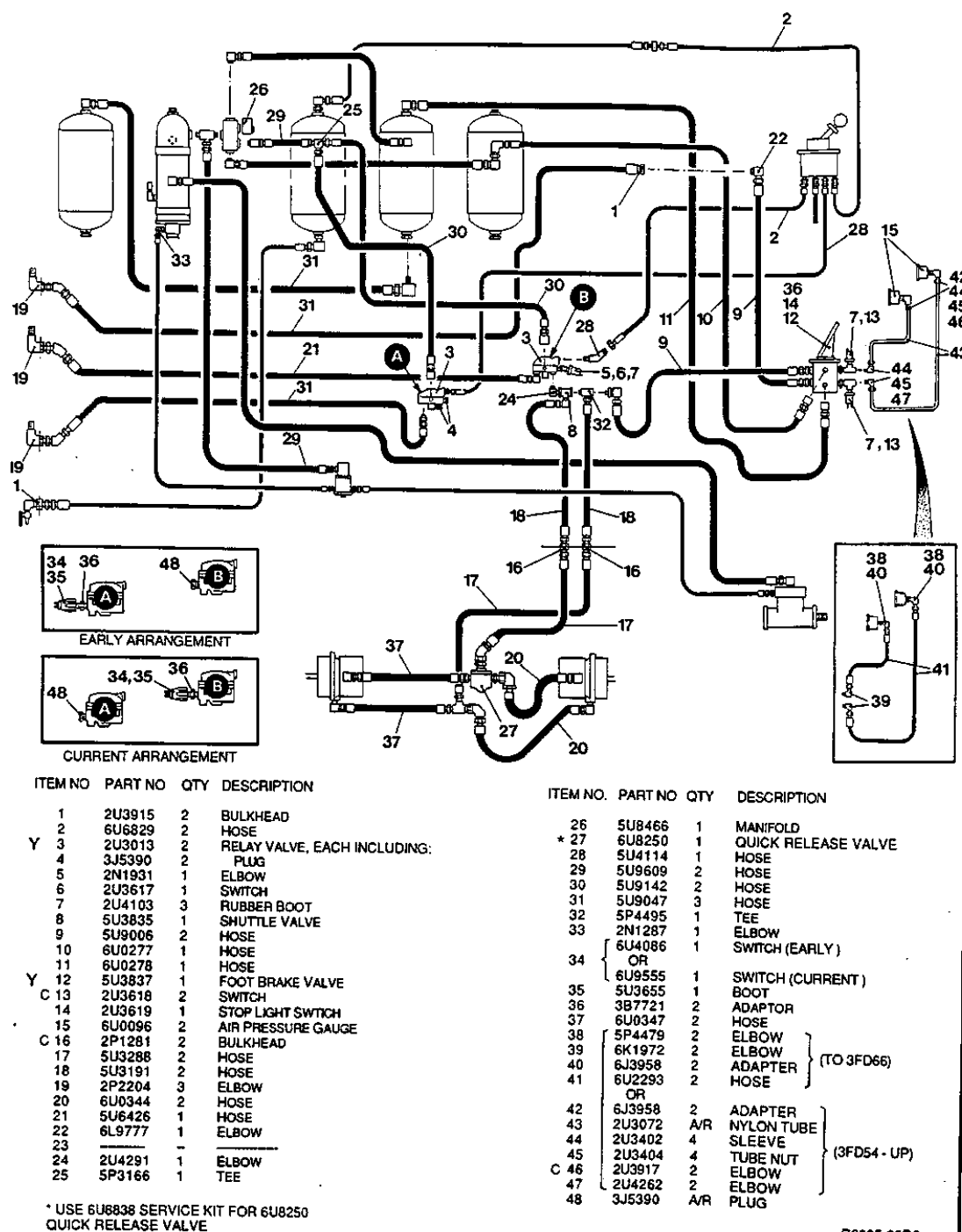
| Ref. | Part number | Description             | Qty | Code | Group page |
|------|-------------|-------------------------|-----|------|------------|
| 6    | 5U-8369     | TEE                     | 1   |      |            |
| 7    | 5U-8370     | ADAPTOR                 | 1   |      |            |
| 8    | 8L-6557     | ADAPTOR                 | 6   |      |            |
| 9    | 6U-2295     | HOSE                    | 1   |      |            |
| 10   | 6U-5704     | GOVERNOR VALVE          | 1   | Y    |            |
| 11   | 5U-9056     | HOSE                    | 1   |      |            |
| 12   | 061-9463    | ADAPTOR                 | 2   |      |            |
| 13   | 5H-8936     | REDUCER                 | 1   |      |            |
| 16   | 5U-3838     | SYSTEM PROTECTION VALVE | 1   |      |            |
| 17   | 7L-7262     | ELBOW                   | 8   |      |            |
| 18   | 5U-9002     | HOSE                    | 1   |      |            |
| 19   | 8M-0755     | ADAPTOR                 | 2   |      |            |
| 20   | 3B-7722     | ADAPTOR                 | 3   |      |            |
| 21   | 2D-7325     | TEE                     | 3   |      |            |
| 22   | 4S-6399     | ADAPTOR                 | 4   |      |            |
| 23   | 2B-7409     | PLUG                    | 1   |      |            |
| 24   | 001-6842    | TEE                     | 2   |      |            |
| 25   | 6K-1972     | ELBOW                   | 2   |      |            |
| 26   | 6B-5072     | ADAPTOR                 | 2   |      |            |
| 27   | 8M-0547     | ELBOW                   | 2   |      |            |
| 28   | 6U-4729     | HOSE                    | 2   |      |            |
| 29   | 2P-1276     | BULKHEAD                | 1   |      |            |
| 30   | 2U-3015     | DRAIN VALVE             | 1   |      |            |
| 31   | 2U-3908     | PLUG                    | 5   |      |            |
| 32   | 5U-2174     | AIR TANK                | 4   |      |            |
| 33   | 5U-3143     | HOSE                    | 1   |      |            |
| 34   | 5U-9009     | HOSE                    | 1   |      |            |
| 35   | 6U-7706     | PARK BRAKE VALVE        | 1   | YC   |            |
| 37   | 5U-5372     | TEE                     | 1   |      |            |
| 38   | 2N-3378     | ELBOW                   | 4   |      |            |
| 39   | 030-7963    | ELBOW                   | 4   |      |            |
| 40   | 8M-0755     | ADAPTOR                 | 2   |      |            |

CAT codes: C, Y.

# AIR BRAKE LINES - TRACTOR

## AIR BRAKE LINES - TRACTOR (2 OF 2)

Drawing 1 of 1



| Ref. | Part number | Description                  | Qty | Code | Group page |
|------|-------------|------------------------------|-----|------|------------|
| 1    | 2U-3915     | BULKHEAD                     | 2   |      |            |
| 2    | 6U-6829     | HOSE                         | 2   |      |            |
| 3    | 2U-3013     | RELAY VALVE, EACH INCLUDING: | 2   | Y    |            |
| 4    | 3J-5390     | PLUG                         | 2   |      |            |
| 5    | 2N-1931     | ELBOW                        | 1   |      |            |

## AIR BRAKE LINES - TRACTOR (continued)

| Ref. | Part number | Description         | Qty | Code | Group page |
|------|-------------|---------------------|-----|------|------------|
| 6    | 2U-3617     | SWITCH              | 1   |      |            |
| 7    | 2U-4103     | RUBBER BOOT         | 3   |      |            |
| 8    | 5U-3835     | SHUTTLE VALVE       | 1   |      |            |
| 9    | 5U-9006     | HOSE                | 2   |      |            |
| 10   | 6U-0277     | HOSE                | 1   |      |            |
| 11   | 6U-0278     | HOSE                | 1   |      |            |
| 12   | 5U-3837     | FOOT BRAKE VALVE    | 1   | Y    |            |
| 13   | 2U-3618     | SWITCH              | 2   | C    |            |
| 14   | 2U-3619     | STOP LIGHT SWITCH   | 1   |      |            |
| 15   | 6U-0096     | AIR PRESSURE GAUGE  | 2   |      |            |
| 16   | 2P-1281     | BULKHEAD            | 2   | C    |            |
| 17   | 5U-3288     | HOSE                | 2   |      |            |
| 18   | 5U-3191     | HOSE                | 2   |      |            |
| 19   | 2P-2204     | ELBOW               | 3   |      |            |
| 20   | 6U-0344     | HOSE                | 2   |      |            |
| 21   | 5U-6426     | HOSE                | 1   |      |            |
| 22   | 6L-9777     | ELBOW               | 1   |      |            |
| 24   | 2U-4291     | ELBOW               | 1   |      |            |
| 25   | 5P-3166     | TEE                 | 1   |      |            |
| 26   | 5U-8466     | MANIFOLD            | 1   |      |            |
| 27   | 6U-8250     | QUICK RELEASE VALVE | 1   | H    |            |
| 28   | 5U-4114     | HOSE                | 1   |      |            |
| 29   | 5U-9609     | HOSE                | 2   |      |            |
| 30   | 5U-9142     | HOSE                | 2   |      |            |
| 31   | 5U-9047     | HOSE                | 3   |      |            |
| 32   | 5P-4495     | TEE                 | 1   |      |            |
| 33   | 2N-1287     | ELBOW               | 1   |      |            |
| 34   | 6U-4086     | SWITCH (EARLY)      | 1   |      |            |
| OR   |             |                     |     |      |            |
|      | 6U-9555     | SWITCH (CURRENT)    | 1   |      |            |
| 35   | 5U-3655     | BOOT                | 1   |      |            |
| 36   | 3B-7721     | ADAPTOR             | 2   |      |            |
| 37   | 6U-0347     | HOSE                | 2   |      |            |
| 38   | 5P-4479     | ELBOW               | 2   | A    |            |
| 39   | 6K-1972     | ELBOW               | 2   | A    |            |
| 40   | 6J-3958     | ADAPTER             | 2   | A    |            |

AIR BRAKE LINES - TRACTOR (continued)

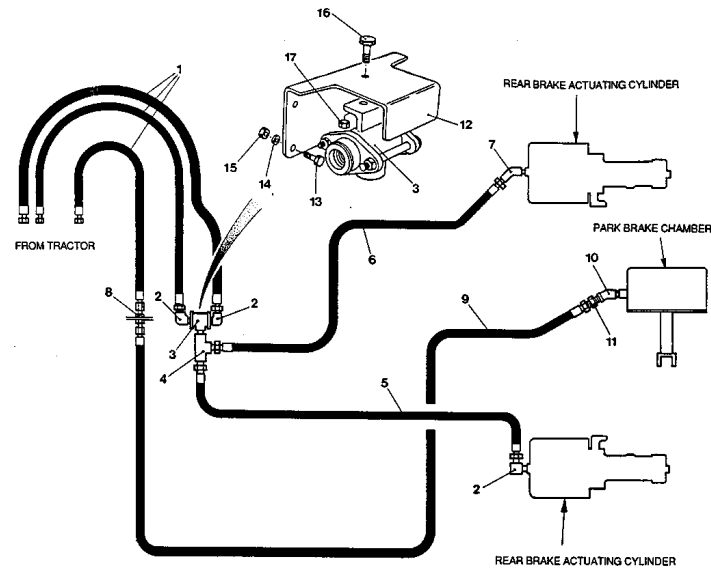
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 41   | 6U-2293     | HOSE        | 2   | A    |            |
| OR   |             |             |     |      |            |
| 42   | 6J-3958     | ADAPTER     | 2   | D    |            |
| 43   | 2U-3072     | NYLON TUBE  |     | BD   |            |
| 44   | 2U-3402     | SLEEVE      | 4   | D    |            |
| 45   | 2U-3404     | TUBE NUT    | 4   | D    |            |
| 46   | 2U-3917     | ELBOW       | 2   | DC   |            |
| 47   | 2U-4262     | ELBOW       | 2   | D    |            |
| 48   | 3J-5390     | PLUG        |     | B    |            |

CAT codes: H, Y, C, A, D, B.

AIR BRAKE LINES - TRAILER

AIR BRAKE LINES - TRAILER

Drawing 1 of 1



| ITEM NO | PART NO | QTY | DESCRIPTION        |
|---------|---------|-----|--------------------|
| 1       | 5U3194  | 3   | HOSE ASSEMBLY      |
| 2       | 2U0843  | 3   | ELBOW              |
| 3       | 5U3835  | 1   | SHUTTLE VALVE      |
| 4       | 2U0845  | 1   | TEE PIECE          |
| 5       | 5U2904  | 1   | HOSE ASSEMBLY      |
| 6       | 5U3198  | 1   | HOSE ASSEMBLY      |
| 7       | 5U9015  | 1   | ELBOW              |
| 8       | 2P1283  | 1   | BULKHEAD CONNECTOR |
| 9       | 5U6427  | 1   | HOSE ASSEMBLY      |
| 10      | 2N1931  | 1   | ELBOW              |
| 11      | 619463  | 1   | CONNECTOR          |
| C 12    | 6U7364  | 1   | BRACKET            |
| C 13    | 0S0509  | 4   | BOLT               |
| C 14    | 4B5271  | 4   | WASHER             |
| C 15    | 3K6660  | 4   | NUT                |
| C 16    | 0S1618  | 1   | BOLT               |
| C 17    | 314155  | 1   | NUT                |

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| Ref. | Part number | Description        | Qty | Code | Group |
|------|-------------|--------------------|-----|------|-------|
|      |             |                    |     |      | page  |
| 1    | 5U-3194     | HOSE ASSEMBLY      | 3   |      |       |
| 2    | 2U-0843     | ELBOW              | 3   |      |       |
| 3    | 5U-3835     | SHUTTLE VALVE      | 1   |      |       |
| 4    | 2U-0845     | TEE PIECE          | 1   |      |       |
| 5    | 5U-2904     | HOSE ASSEMBLY      | 1   |      |       |
| 6    | 5U-3198     | HOSE ASSEMBLY      | 1   |      |       |
| 7    | 5U-9015     | ELBOW              | 1   |      |       |
| 8    | 2P-1283     | BULKHEAD CONNECTOR | 1   |      |       |
| 9    | 5U-6427     | HOSE ASSEMBLY      | 1   |      |       |
| 10   | 2N-1931     | ELBOW              | 1   |      |       |
| 11   | 061-9463    | CONNECTOR          | 1   |      |       |
| 12   | 6U-7364     | BRACKET            | 1   | C    |       |
| 13   | 0S-0509     | BOLT               | 4   | C    |       |
| 14   | 4B-5271     | WASHER             | 4   | C    |       |

AIR BRAKE LINES - TRAILER (continued)

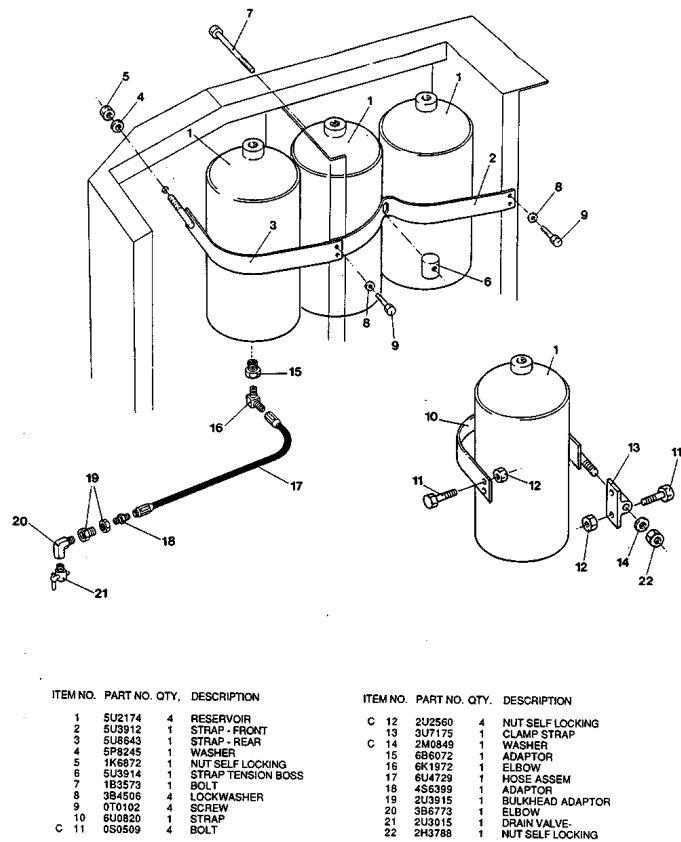
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 15   | 3K-6060     | NUT         | 4   | C    |            |
| 16   | 0S-1618     | BOLT        | 1   | C    |            |
| 17   | 031-4155    | NUT         | 1   | C    |            |

CAT codes: C.

AIR RESERVOIRS

AIR RESERVOIRS

Drawing 1 of 1



R5059 - 01D7

| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 5U-2174     | RESERVOIR          | 4   |      |            |
| 2    | 5U-3912     | STRAP-FRONT        | 1   |      |            |
| 3    | 5U-8643     | STRAP-REAR         | 1   |      |            |
| 4    | 5P-8245     | WASHER             | 1   |      |            |
| 5    | 1K-6872     | NUT SELF LOCKING   | 1   |      |            |
| 6    | 5U-3914     | STRAP TENSION BOSS | 1   |      |            |
| 7    | 1B-3573     | BOLT               | 1   |      |            |
| 8    | 3B-4506     | LOCKWASHER         | 4   |      |            |
| 9    | 0T-0102     | SCREW              | 4   |      |            |
| 10   | 6U-0820     | STRAP              | 1   |      |            |
| 11   | 0S-0509     | BOLT               | 4   | C    |            |
| 12   | 2U-2560     | NUT SELF LOCKING   | 4   | C    |            |
| 13   | 3U-7175     | CLAMP STRAP        | 1   |      |            |
| 14   | 2M-0849     | WASHER             | 1   | C    |            |
| 15   | 6B-6072     | ADAPTOR            | 1   |      |            |

AIR RESERVOIRS (continued)

| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 16   | 6K-1972     | ELBOW            | 1   |      |            |
| 17   | 6U-4729     | HOSE ASSEM       | 1   |      |            |
| 18   | 4S-6399     | ADAPTOR          | 1   |      |            |
| 19   | 2U-3915     | BULKHEAD ADAPTOR | 1   |      |            |
| 20   | 3B-6773     | ELBOW            | 1   |      |            |
| 21   | 2U-3015     | DRAIN VALVE-     | 1   |      |            |
| 22   | 2H-3788     | NUT SELF LOCKING | 1   |      |            |

CAT codes: C.

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