

# CATERPILLAR 950E

63R / HEBP1749

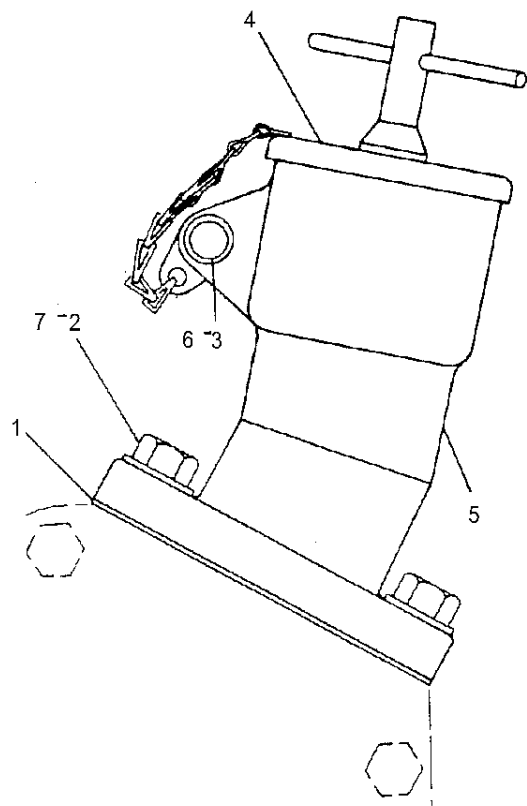
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| Hydraulic system           |      |
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| Air inlet and exhaust      |      |
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2P-6855 FILLER GP-OIL

2P6855 FILLER GP-OIL

Drawing 1 of 1



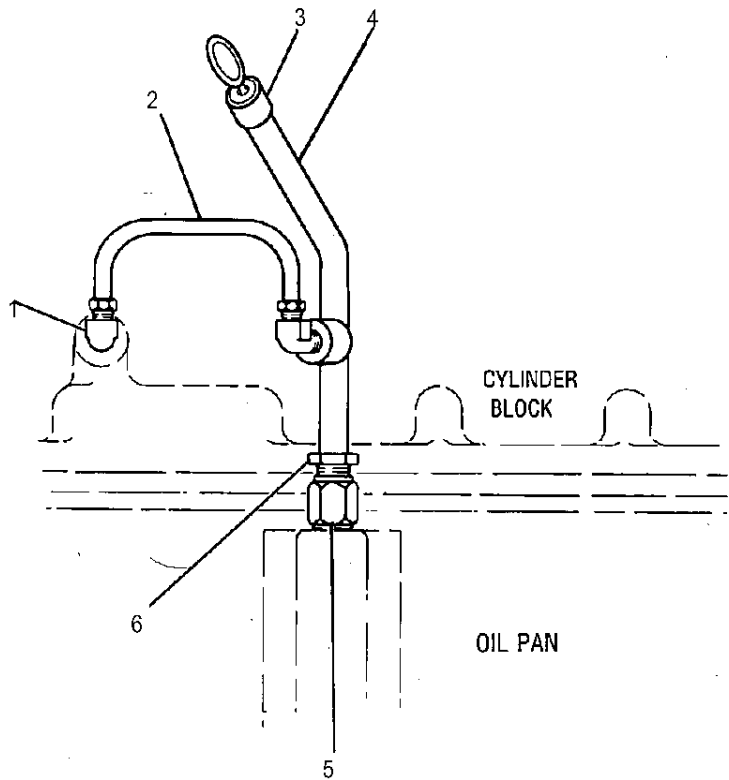
| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 2P-2720     | GASKET          | 1   |      |            |
| 2    | 1A-2029     | BOLT            | 2   | C    |            |
| 3    | 9M-5732     | RIVET-POP       | 1   |      |            |
| 4    | 6N-2985     | CAP AS-FILLER   | 1   | C    |            |
| 5    | 2P-2719     | PIPE-OIL FILLER | 1   |      |            |
| 6    | 2A-3211     | WASHER          | 1   |      |            |
| 7    | 5M-2894     | WASHER          | 2   | C    |            |

CAT codes: C.

1W-0046 GAUGE GP-OIL LEVEL (DIPSTICK)

1W0046 GAUGE GP-OIL LEVEL (DIPSTICK)

Drawing 1 of 1



| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 5K-9243     | ELBOW-FLARED         | 2   |      |            |
| 2    | 2P-2697     | TUBE AS-AIR VENT     | 1   |      |            |
| 3    | 7W-9353     | GAUGE AS-OIL LEVEL   | 1   | C    |            |
| 4    | 1W-0047     | TUBE AS-GAUGE GUIDE  | 1   |      |            |
| 5    | 8S-1326     | CONNECTOR AS-SPECIAL | 1   | C    |            |
| 6    | 5P-4448     | NUT-AIR BRAKE        | 1   |      |            |
|      | 5P-4443     | SLEEVE-AIR BRAKE     | 1   |      |            |

CAT codes: C.

6N-2642 PUMP GP-ENGINE OIL

6N2642 PUMP GP-ENGINE OIL PART OF 2P1784 PUMP-ENGINE OIL

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

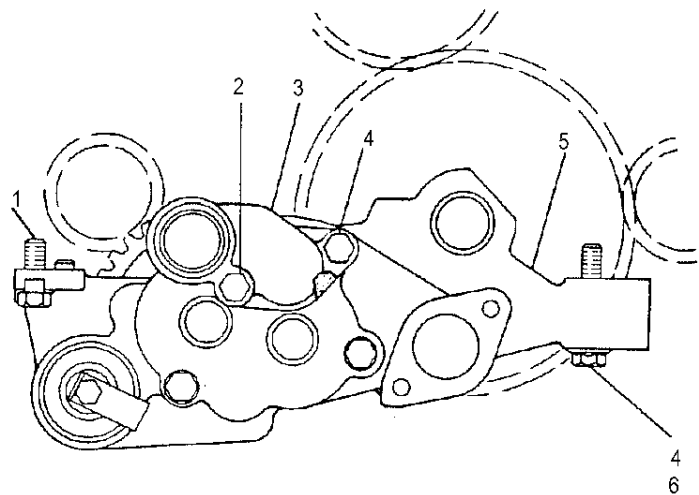
| Ref. | Part number             | Description          | Qty | Code | Group page        |
|------|-------------------------|----------------------|-----|------|-------------------|
|      | <a href="#">4W-2448</a> | PUMP GP-ENGINE OIL   | 1   | RY   | <a href="#">6</a> |
|      | 0S-1590                 | BOLT                 | 1   |      |                   |
|      | 8S-0497                 | GEAR-OIL PUMP INPUT  | 1   |      |                   |
|      | 8M-5599                 | KEY-SPECIAL WOODRUFF | 1   |      |                   |
|      | 1P-7346                 | WASHER               | 1   |      |                   |

CAT codes: R, Y.

2P-1784 PUMP GP-ENGINE OIL

2P1784 PUMP GP-ENGINE OIL 6N2642-PAGE 36

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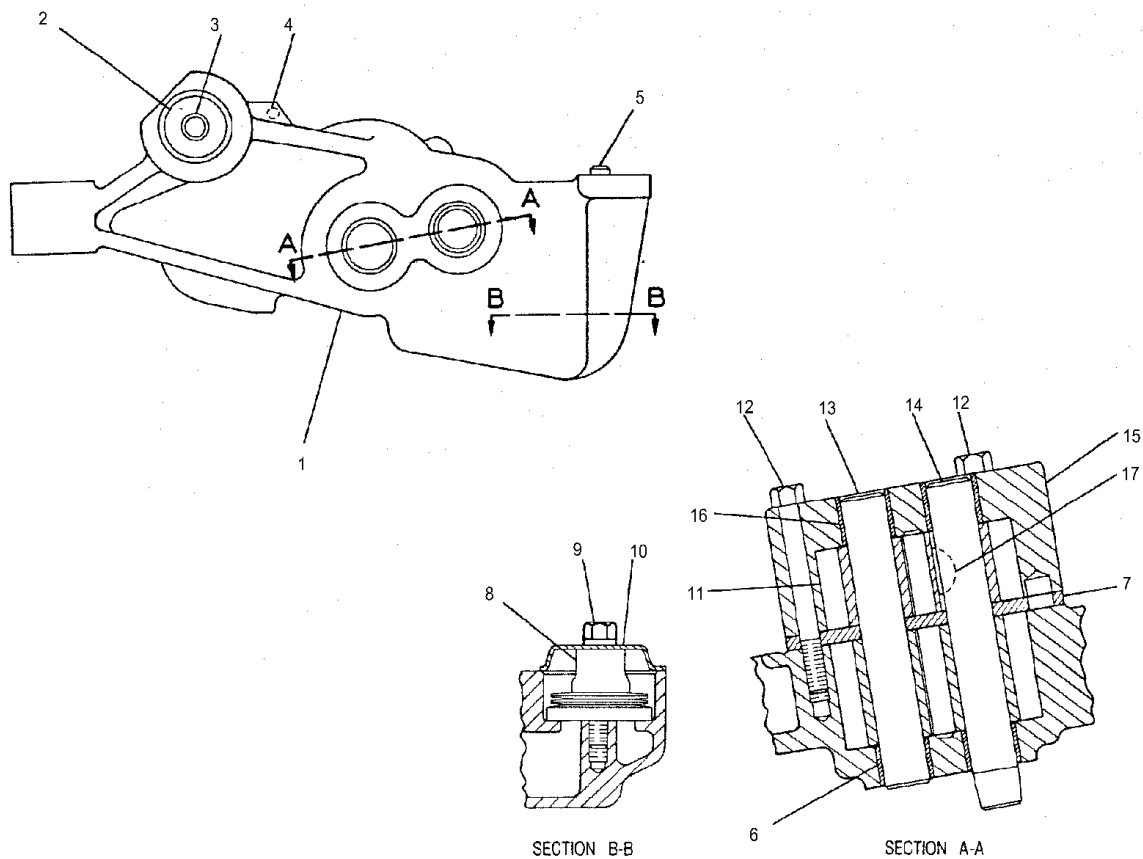
| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 3B-1915     | BOLT               | 2   |      |            |
| 2    | 0S-1619     | BOLT               | 1   |      |            |
| 3    | 4N-5353     | ELBOW-LINE         | 1   |      |            |
|      | 2P-8746     | GASKET             | 1   |      |            |
| 4    | 0S-1590     | BOLT               | 3   |      |            |
| 5    | 6N-2642     | PUMP GP-ENGINE OIL | 1   | CY   |            |
| 6    | 5M-2894     | WASHER             | 4   |      |            |

CAT codes: C, Y.

4W-2448 PUMP GP-ENGINE OIL

4W2448 PUMP GP-ENGINE OIL\*R 2 SECTION PART OF 6N2642 PUMP-ENGINE OIL

Drawing 1 of 1



| Ref. | Part number | Description             | Qty | Code | Group page |
|------|-------------|-------------------------|-----|------|------------|
| 1    | 4W-2322     | BODY AS-OIL PUMP        | 1   |      |            |
| 2    | 2P-1170     | SHAFT AS-GEAR           | 1   |      |            |
| 3    | 4B-9782     | BALL                    | 1   |      |            |
| 4    | 4B-9880     | BALL                    | 1   |      |            |
| 5    | 1F-1006     | DOWEL                   | 1   |      |            |
| 6    | 8S-6511     | BEARING-SLEEVE          | 2   |      |            |
| 7    | 2P-1781     | SPACER-OIL PUMP         | 1   |      |            |
| 8    | 4N-8385     | VALVE AS-RELIEF         | 1   |      |            |
| 9    | 2B-2694     | BOLT                    | 1   |      |            |
|      | 9M-1974     | WASHER                  | 1   |      |            |
| 10   | 4N-3732     | COVER-VALVE             | 1   |      |            |
| 11   | 6N-1036     | GEAR-OIL PUMP (8 TEETH) | 2   |      |            |
| 12   | 0T-0065     | BOLT                    | 3   |      |            |
| 13   | 8S-0493     | SHAFT AS-PUMP           | 1   |      |            |
| 14   | 2P-6245     | SHAFT AS-PUMP           | 1   |      |            |

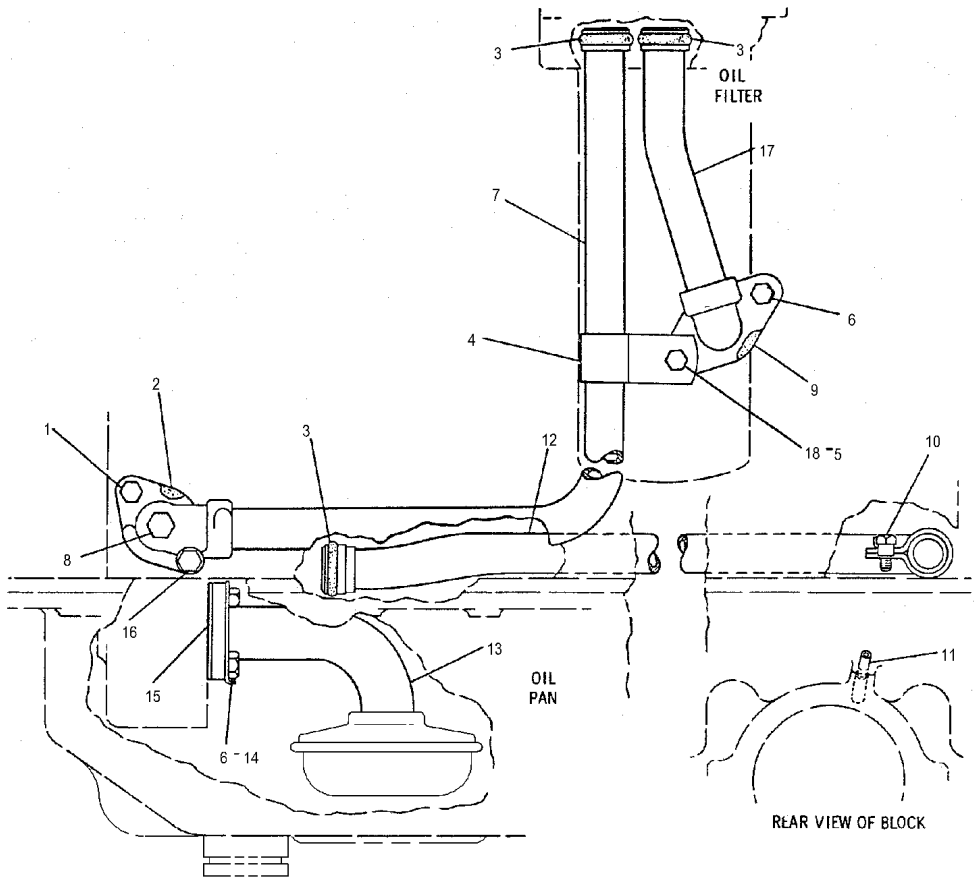
4W-2448 PUMP GP-ENGINE OIL (continued)

| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 15   | 4W-2321     | BODY AS-PUMP   | 1   |      |            |
| 16   | 8S-6511     | BEARING-SLEEVE | 2   |      |            |
| 17   | 1B-8709     | KEY-WOODRUFF   | 1   |      |            |

2P-6512 LINES GP-ENGINE OIL

2P6512 LINES GP-ENGINE OIL ENGINE S/N 12Z21520-42202

Drawing 1 of 1



| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 1A-2029     | BOLT             | 1   |      |            |
| 2    | 2M-5407     | GASKET           | 1   |      |            |
| 3    | 9M-4849     | SEAL-O-RING      | 3   |      |            |
| 4    | 4L-3641     | CLIP             | 1   | C    |            |
| 5    | 6B-7469     | SPACER           | 1   | C    |            |
| 6    | 0S-1594     | BOLT             | 3   | C    |            |
| 7    | 8N-7318     | TUBE AS-INLET    | 1   |      |            |
| 8    | 5M-6213     | PLUG             | 1   |      |            |
| 9    | 7F-7590     | GASKET           | 1   |      |            |
| 10   | 0T-0102     | BOLT             | 1   |      |            |
|      | 0L-0364     | LOCK             | 1   |      |            |
| 11   | 2S-1541     | ORIFICE-JET      | 4   |      |            |
| 12   | 9Y-7589     | TUBE AS-SCAVENGE | 1   |      |            |
| 13   | 7C-2880     | BELL AS-SUCTION  | 1   |      |            |
| 14   | 8S-8874     | LOCK-NUT         | 1   |      |            |

2P-6512 LINES GP-ENGINE OIL (continued)

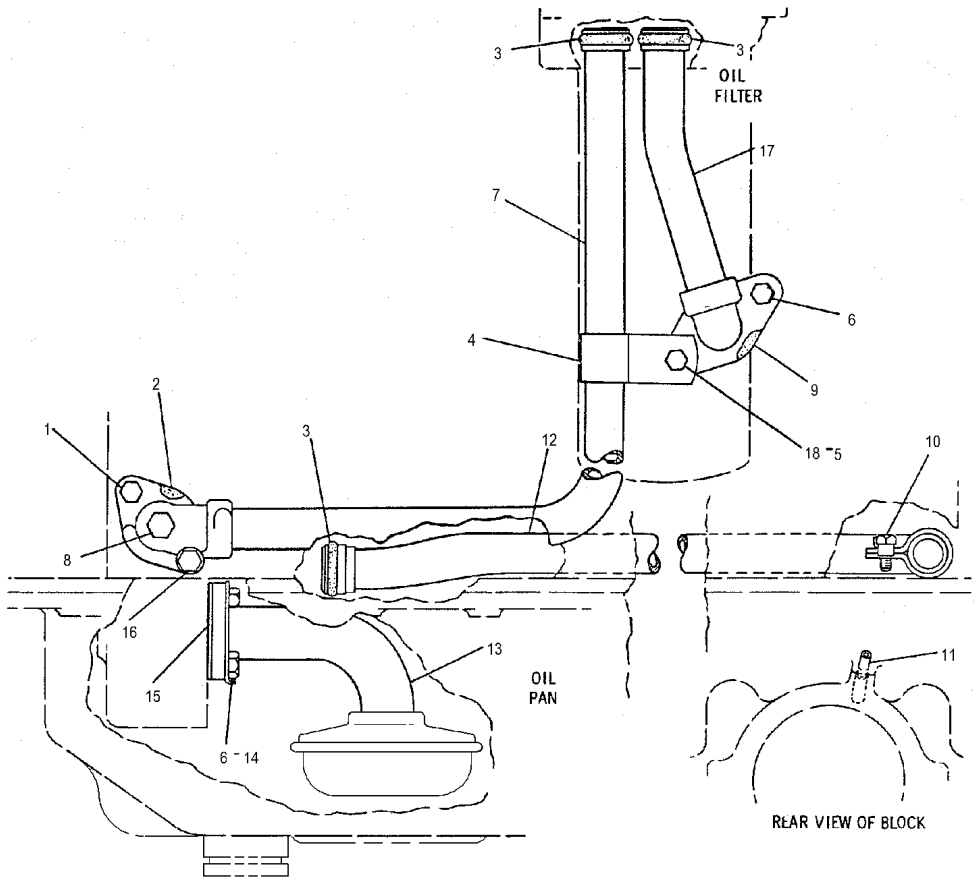
| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 15   | 8M-0904     | GASKET         | 1   |      |            |
| 16   | 0L-2070     | BOLT           | 1   |      |            |
| 17   | 8N-7315     | TUBE AS-OUTLET | 1   |      |            |
| 18   | 1C-2251     | BOLT           | 1   | C    |            |
|      | 5M-2894     | WASHER         | 1   | C    |            |

CAT codes: C.

2P-6512 LINES GP-ENGINE OIL

2P6512 LINES GP-ENGINE OIL ENGINE S/N 12Z42203-UP

Drawing 1 of 1



| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 1A-2029     | BOLT             | 1   |      |            |
| 2    | 2M-5407     | GASKET           | 1   |      |            |
| 3    | 9M-4849     | SEAL-O-RING      | 3   |      |            |
| 4    | 4L-3641     | CLIP             | 1   |      |            |
| 5    | 1L-5081     | SPACER           | 1   | C    |            |
| 6    | 0S-1594     | BOLT             | 3   |      |            |
| 7    | 6C-5381     | TUBE AS          | 1   | C    |            |
| 8    | 5M-6213     | PLUG             | 1   | C    |            |
| 9    | 7F-7590     | GASKET           | 1   |      |            |
| 10   | 0T-0102     | BOLT             | 1   |      |            |
|      | 0L-0364     | LOCK             | 1   |      |            |
| 11   | 2S-1541     | ORIFICE-JET      | 4   |      |            |
| 12   | 9Y-7589     | TUBE AS-SCAVENGE | 1   |      |            |
| 13   | 7C-2880     | BELL AS-SUCTION  | 1   |      |            |
| 14   | 8S-8874     | LOCK-NUT         | 1   |      |            |

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