

# CATERPILLAR 966E

94X / SEBP1748

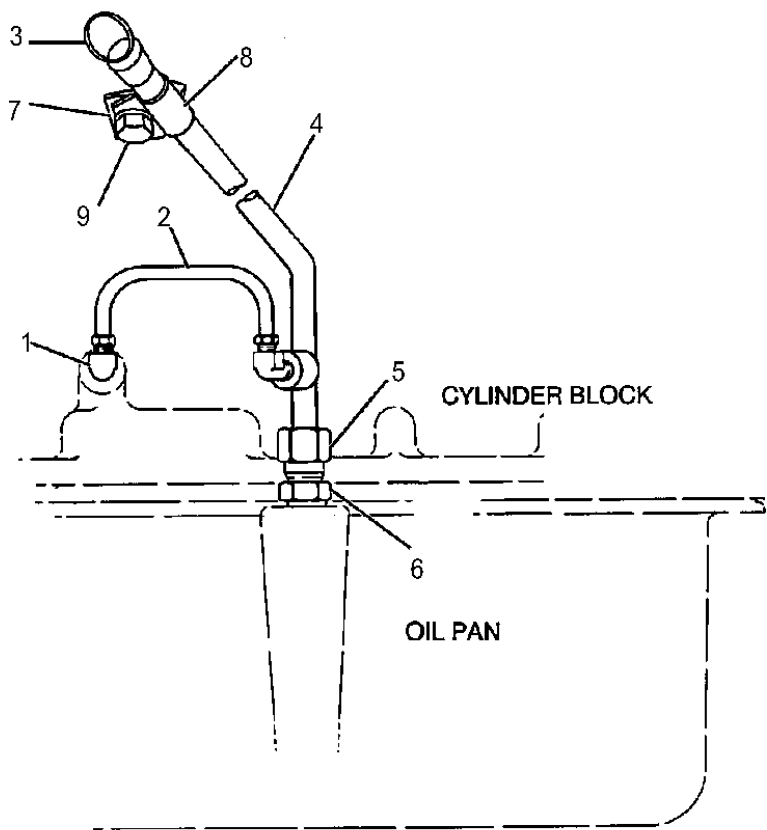
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| Basic engine                 |      |
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| Power train                  |      |
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1W-4320 GAUGE GP-OIL LEVEL (DIPSTICK)

1W4320 GAUGE GP-OIL LEVEL

Drawing 1 of 1

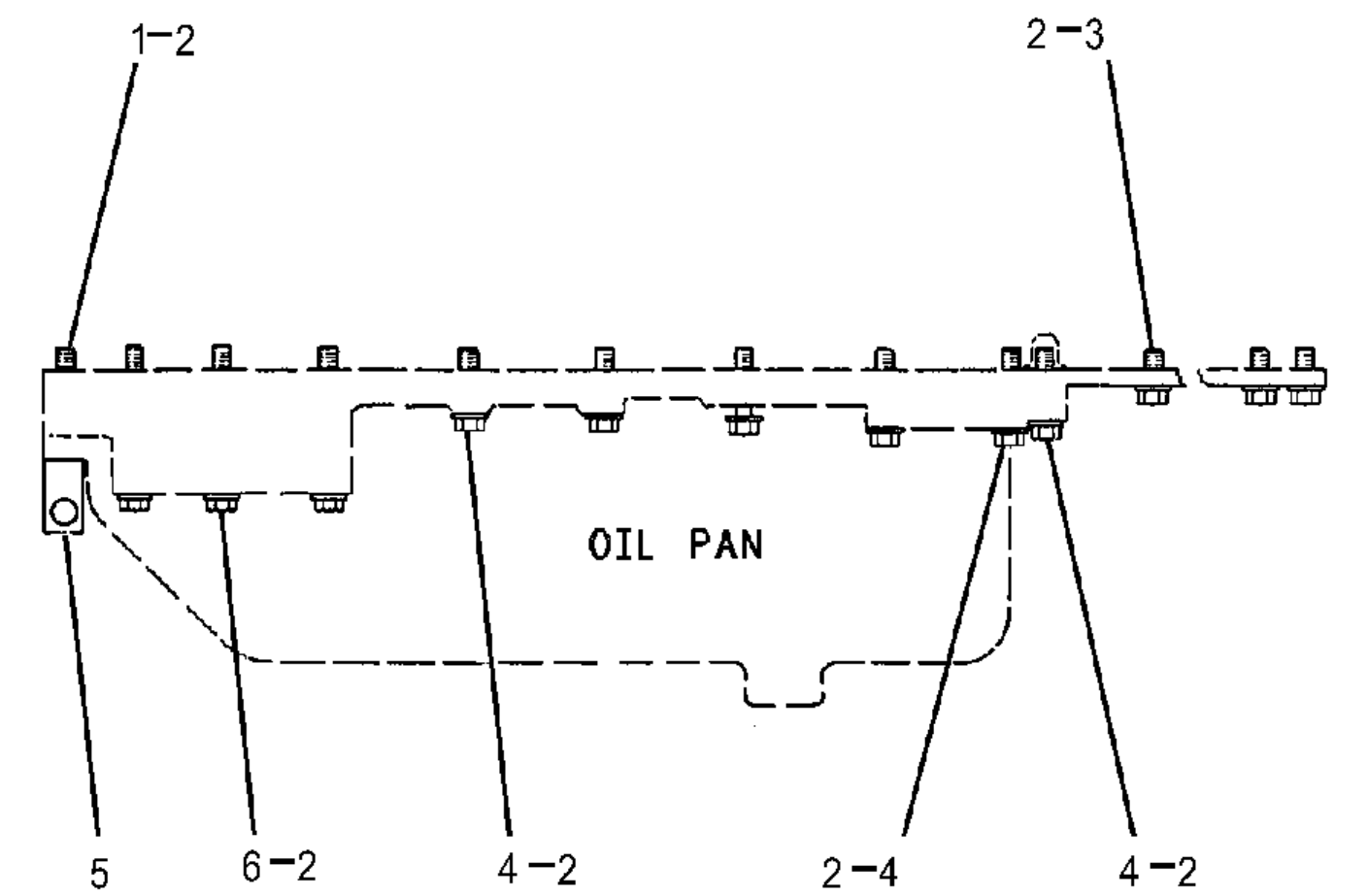


| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 5K-9243     | ELBOW-FLARED         | 2   |      |            |
| 2    | 2P-2697     | TUBE AS-AIR VENT     | 1   |      |            |
| 3    | 1W-4321     | GAUGE AS-OIL LEVEL   | 1   |      |            |
| 4    | 1W-4323     | TUBE AS              | 1   |      |            |
| 5    | 8S-1326     | CONNECTOR AS-SPECIAL | 1   |      |            |
|      | 5P-4443     | SLEEVE-AIR BRAKE     | 1   |      |            |
| 6    | 5P-4448     | NUT-AIR BRAKE        | 1   |      |            |
| 7    | 100-4317    | STRAP                | 1   |      |            |
| 8    | 4B-0418     | CLIP                 | 1   |      |            |
| 9    | 0S-0509     | BOLT                 | 1   |      |            |
|      | 1D-4717     | NUT                  | 1   |      |            |
|      | 5M-2894     | WASHER               | 2   |      |            |

8N-2181 FASTENER GP-OIL PAN

8N2181 FASTENER GP-OIL PAN

Drawing 1 of 1

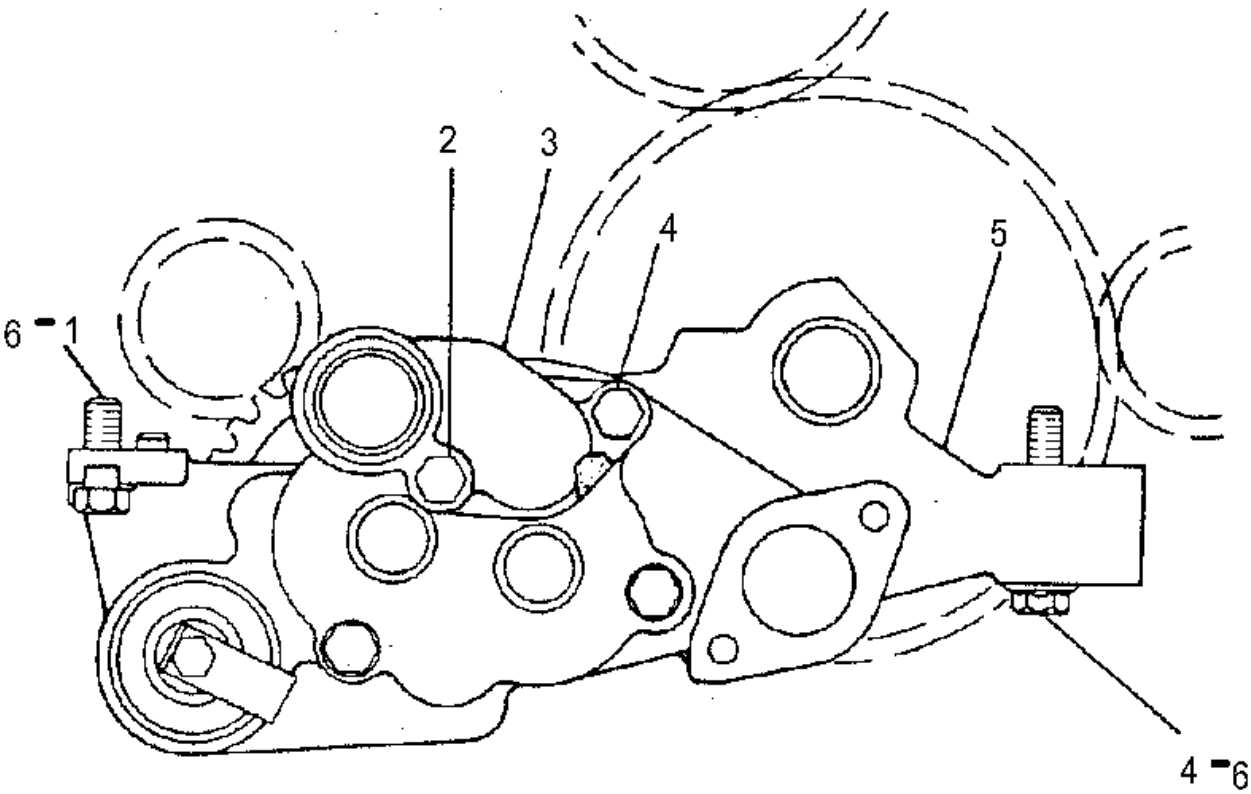


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 0T-0573     | BOLT        | 5   |      |            |
| 2    | 5M-2894     | WASHER      | 46  |      |            |
| 3    | 0S-1594     | BOLT        | 18  |      |            |
| 4    | 0S-1591     | BOLT        | 20  |      |            |
| 5    | 8N-3293     | BRACKET     | 1   |      |            |
| 6    | 0L-1352     | BOLT        | 3   |      |            |

2P-1784 PUMP GP-ENGINE OIL

2P1784 PUMP GP-ENGINE OIL 6N2642-PAGE 29.01

Drawing 1 of 1



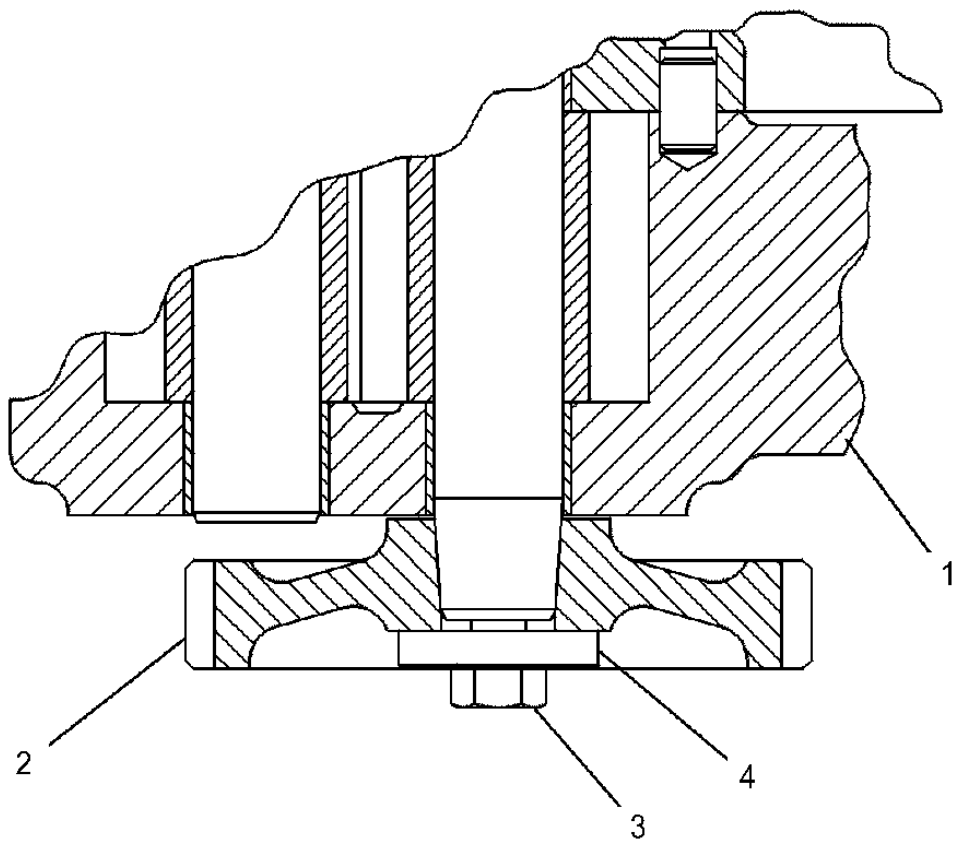
| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 3B-1915     | BOLT               | 2   |      |            |
| 2    | 0S-1619     | BOLT               | 1   |      |            |
| 3    | 4N-5353     | 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.

6N-2642 PUMP GP-ENGINE OIL

6N2642 PUMP GP-ENGINE OIL TYPE 2. 6I1346-PAGE 30.02 PART OF 2P1784 PUMP-ENGINE OIL

Drawing 1 of 1



| Ref. | Part number | Description         | Qty | Code | Group page |
|------|-------------|---------------------|-----|------|------------|
| 1    | 6I-1346     | PUMP GP-ENGINE OIL  | 1   | YR   |            |
| 2    | 7W-0507     | GEAR-OIL PUMP DRIVE | 1   |      |            |
| 3    | 0S-1590     | BOLT                | 1   |      |            |
| 4    | 1P-7346     | WASHER              | 1   |      |            |

CAT codes: R, Y.

6N-2642 PUMP GP-ENGINE OIL

6N2642 PUMP GP-ENGINE OIL TYPE 1 PART OF 2P1784 PUMP-ENGINE OIL

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

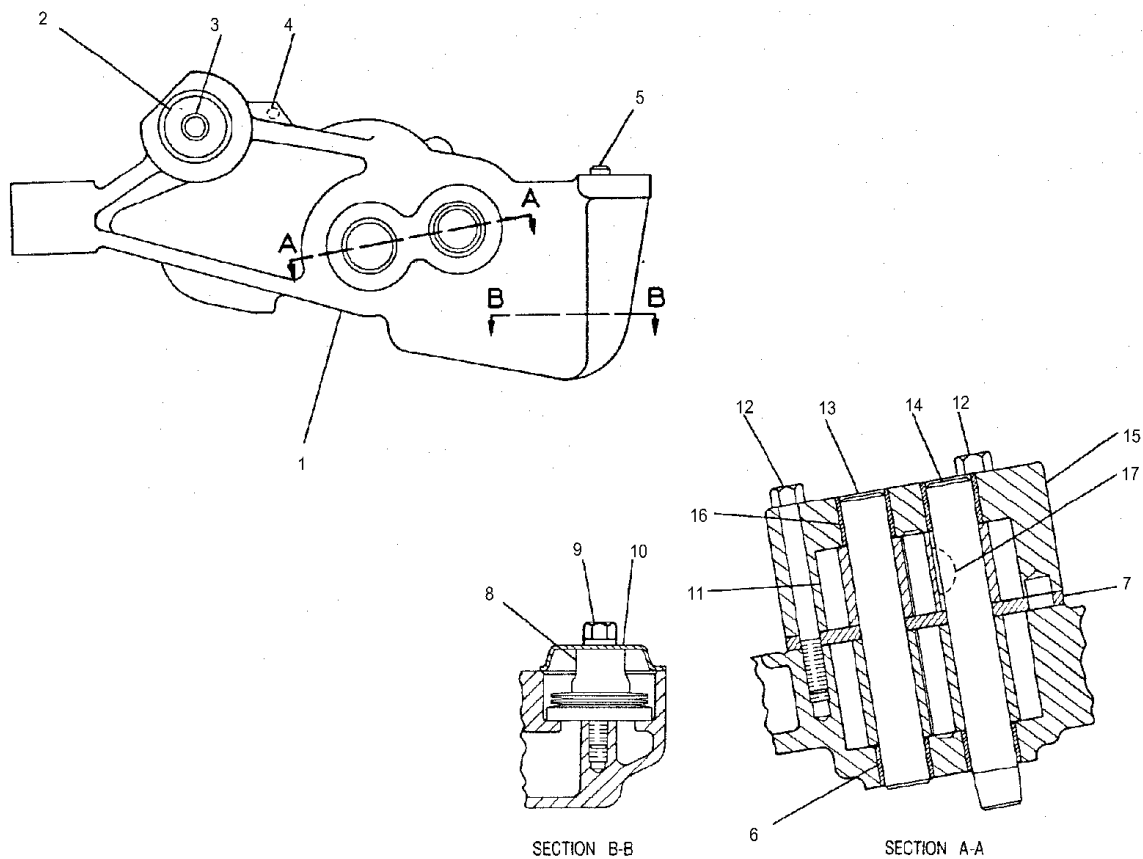
| Ref.                           | Part number             | Description          | Qty | Code | Group page        |
|--------------------------------|-------------------------|----------------------|-----|------|-------------------|
|                                | <a href="#">4W-2448</a> | PUMP GP-ENGINE OIL*R | 1   | RY   | <a href="#">7</a> |
| ENGINE S/N 13Z14225-24635      |                         |                      |     |      |                   |
|                                | <a href="#">4P-4020</a> | PUMP GP-ENGINE OIL   | 1   | Y    | <a href="#">9</a> |
| ENGINE S/N 13Z24636-UP         |                         |                      |     |      |                   |
|                                | 0S-1590                 | BOLT                 | 1   |      |                   |
|                                | 8S-0497                 | GEAR-OIL PUMP INPUT  | 1   |      |                   |
|                                | 8M-5599                 | KEY-SPECIAL WOODRUFF | 1   |      |                   |
|                                | 1P-7346                 | WASHER               | 1   |      |                   |
| *R-REMFG PART MAY BE AVAILABLE |                         |                      |     |      |                   |

CAT codes: R, 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   |      |            |

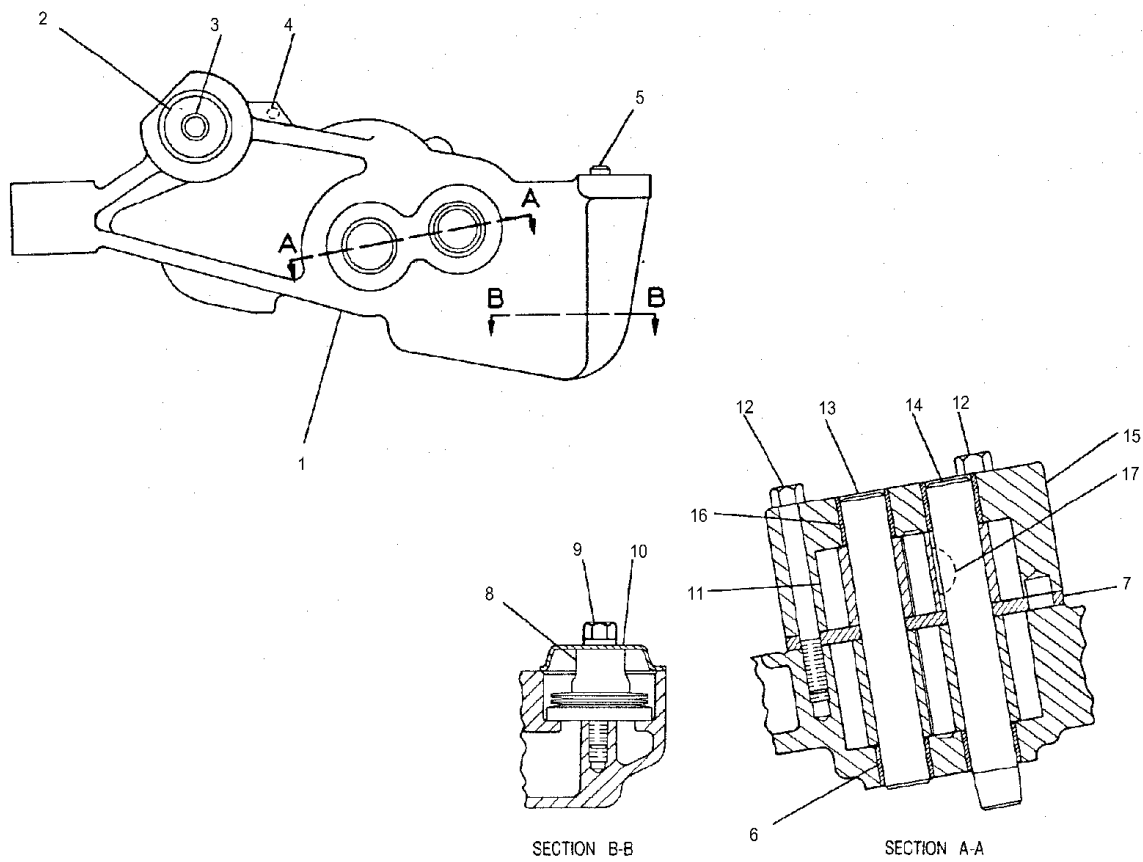
4W-2448 PUMP GP-ENGINE OIL (continued)

| 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   |      |            |

4P-4020 PUMP GP-ENGINE OIL

4P4020 PUMP GP-ENGINE OIL ENGINE S/N 13Z24636-UP 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    | 4P-3546     | VALVE AS-RELIEF         | 1   |      |            |
| 9    | 2B-2694     | BOLT                    | 1   |      |            |
|      | 9M-1974     | WASHER-HARD             | 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   | 6I-1345     | SHAFT AS-OIL PUMP       | 1   |      |            |

4P-4020 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   |      |            |

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