

# CATERPILLAR 215

95Z / HEBP1427

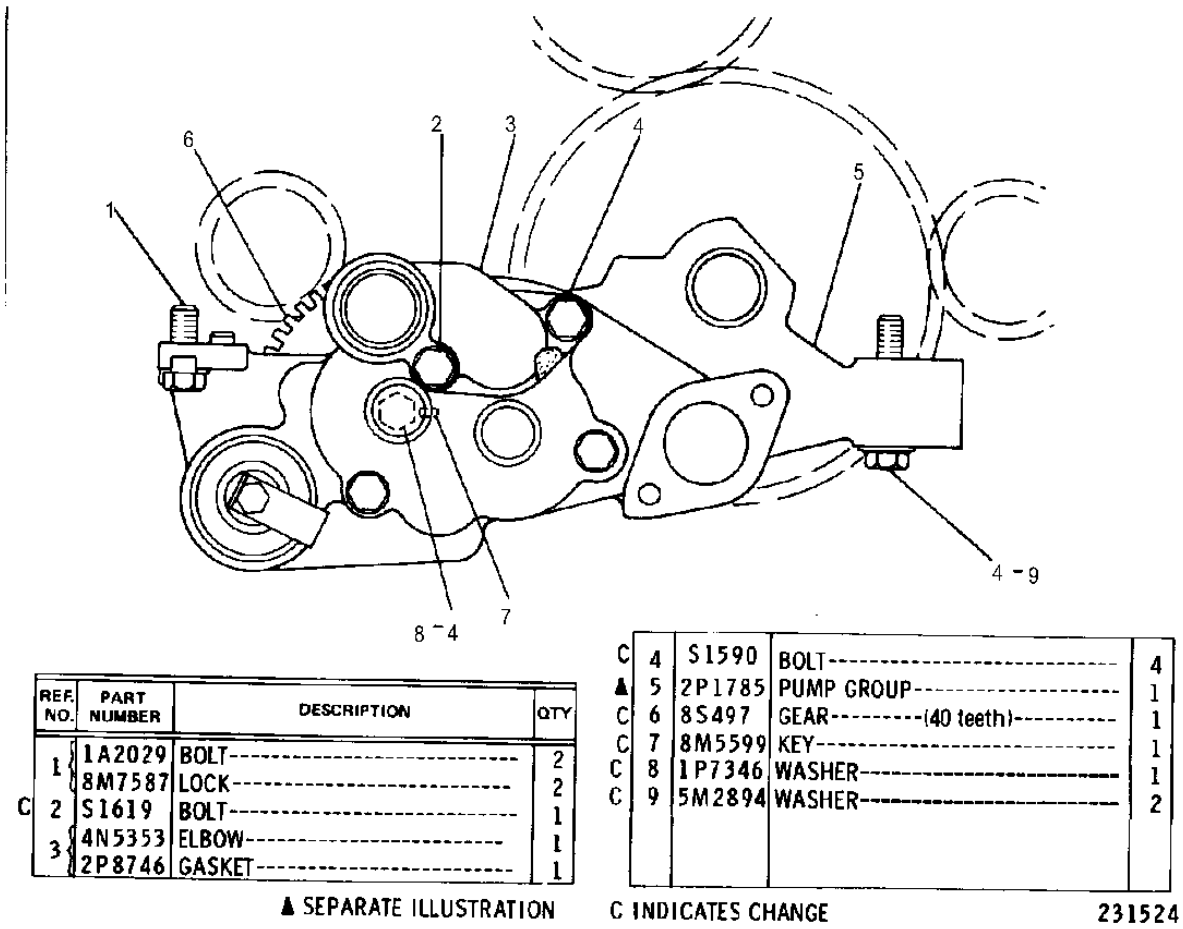
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| Hydraulic system                   |      |
| Hydraulic system                   |      |

2P-1784 PUMP GP-ENGINE OIL

2P1784 OIL PUMP GROUP 2P1785 PUMP PARTS ARE SHOWN ON PAGE 27

Drawing 1 of 1



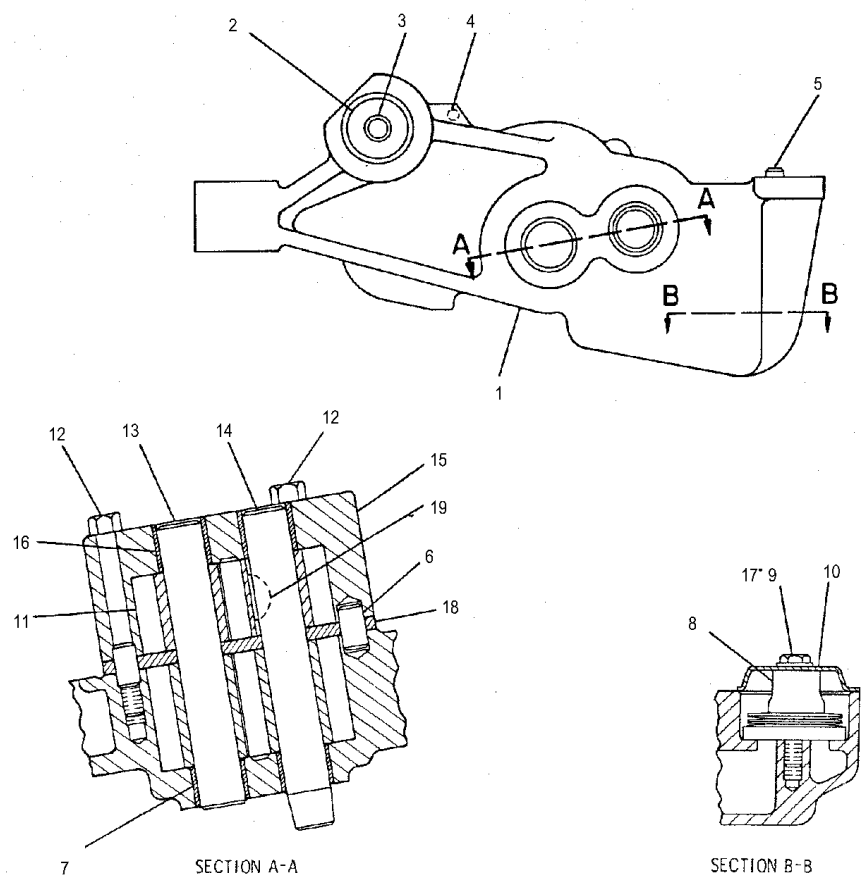
| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 1A-2029     | BOLT            | 2   |      |            |
|      | 8M-7587     | LOCK            | 2   |      |            |
| 2    | 0S-1619     | BOLT            | 1   | C    |            |
| 3    | 4N-5353     | ELBOW           | 1   |      |            |
|      | 2P-8746     | GASKET          | 1   |      |            |
| 4    | 0S-1590     | BOLT            | 4   | C    |            |
| 5    | 2P-1785     | PUMP GROUP      | 1   | RY   |            |
| 6    | 8S-0497     | GEAR (40 teeth) | 1   | C    |            |
| 7    | 8M-5599     | KEY             | 1   | C    |            |
| 8    | 1P-7346     | WASHER          | 1   | C    |            |
| 9    | 5M-2894     | WASHER          | 2   | C    |            |

CAT codes: R, Y, C.

2P-1785 PUMP GP-ENGINE OIL

2P1785 OIL PUMP GROUP\*R PART OF 2P1784 OIL PUMP GROUP SHOWN ON PAGE 26

Drawing 1 of 1



| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 8N-8636     | BODY AS-OIL PUMP | 1   | C    |            |
| 2    | 2P-1170     | SHAFT AS-GEAR    | 1   |      |            |
| 3    | 4B-9782     | BALL             | 1   |      |            |
| 4    | 4B-9880     | BALL             | 1   |      |            |
| 5    | 1F-1006     | DOWEL            | 1   |      |            |
| 6    | 1M-3735     | DOWEL            | 2   |      |            |
| 7    | 8S-6511     | BEARING-SLEEVE   | 2   |      |            |
| 8    | 4N-8385     | VALVE AS-RELIEF  | 1   |      |            |
| 9    | 2B-2694     | BOLT             | 1   |      |            |
| 10   | 4N-3732     | COVER-VALVE      | 1   |      |            |
| 11   | 6N-1036     | GEAR-OIL PUMP    | 2   |      |            |
| 12   | 0T-0065     | BOLT             | 3   | C    |            |
| 13   | 8S-0493     | SHAFT AS-PUMP    | 1   |      |            |
| 14   | 2P-6245     | SHAFT AS-PUMP    | 1   |      |            |
| 15   | 4N-4055     | BODY AS-PUMP     | 1   |      |            |

2P-1785 PUMP GP-ENGINE OIL (continued)

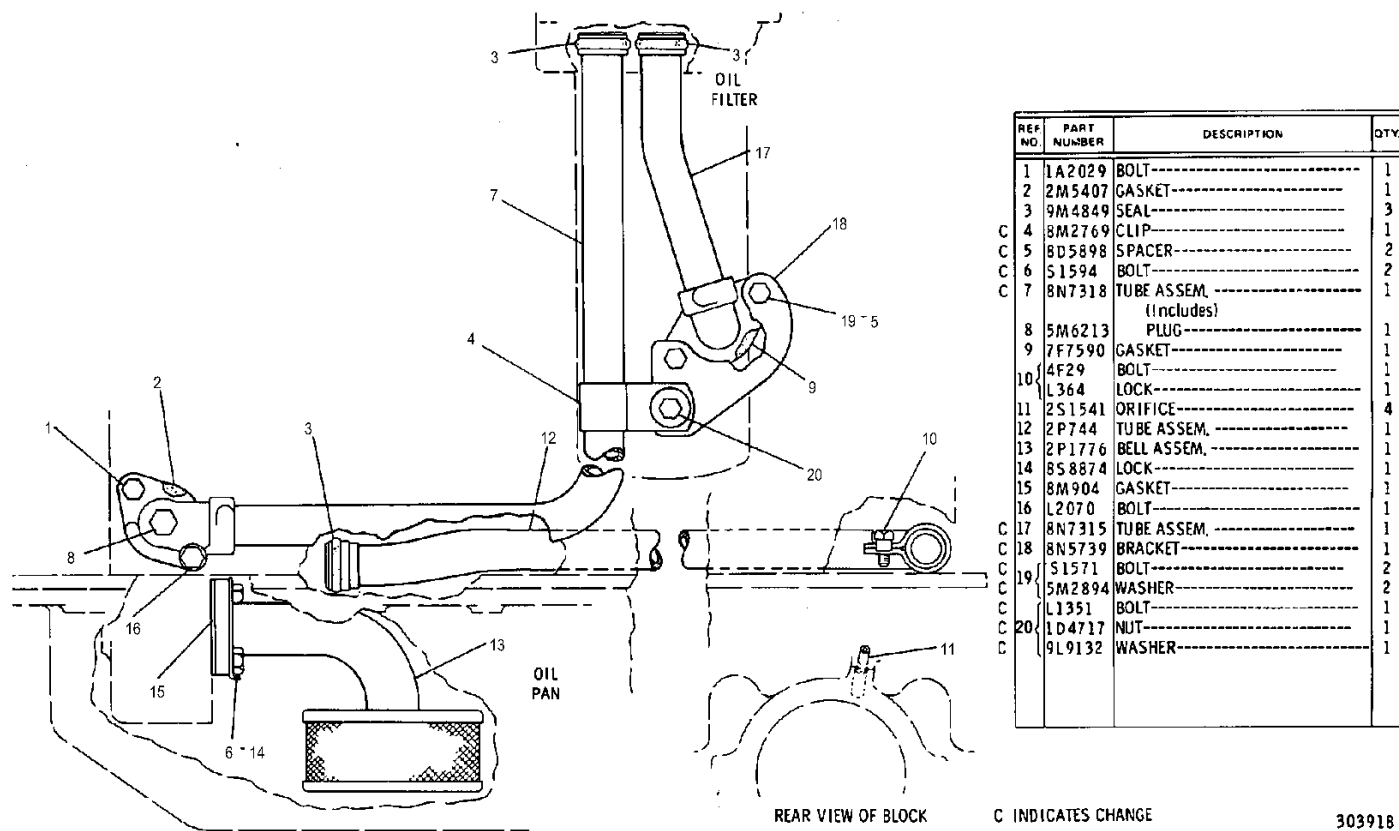
| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 16   | 8S-6511     | BEARING-SLEEVE  | 2   | C    |            |
| 17   | 9M-1974     | WASHER-HARD     | 1   |      |            |
| 18   | 2P-1781     | SPACER-OIL PUMP | 1   |      |            |
| 19   | 1B-8709     | KEY-WOODRUFF    | 1   |      |            |

CAT codes: C.

## 2P-6512 LINES GP-ENGINE OIL

2P6512 OIL LINES GROUP ENGINE SERIAL NO. 12Z1 TO 12Z4387 INCLUSIVE

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        | 3   |      |            |
| 4          | 8M-2769     | CLIP        | 1   | C    |            |
| 5          | 8D-5898     | SPACER      | 2   | C    |            |
| 6          | 0S-1594     | BOLT        | 2   | C    |            |
| 7          | 8N-7318     | TUBE ASSEM. | 1   | C    |            |
| (Includes) |             |             |     |      |            |
| 8          | 5M-6213     | PLUG        | 1   |      |            |
| 9          | 7F-7590     | GASKET      | 1   |      |            |
| 10         | 4F-0029     | BOLT        | 1   |      |            |
|            | 0L-0364     | LOCK        | 1   |      |            |
| 11         | 2S-1541     | ORIFICE     | 4   |      |            |
| 12         | 2P-0744     | TUBE ASSEM. | 1   |      |            |
| 13         | 2P-1776     | BELL ASSEM. | 1   |      |            |
| 14         | 8S-8874     | LOCK        | 1   |      |            |

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

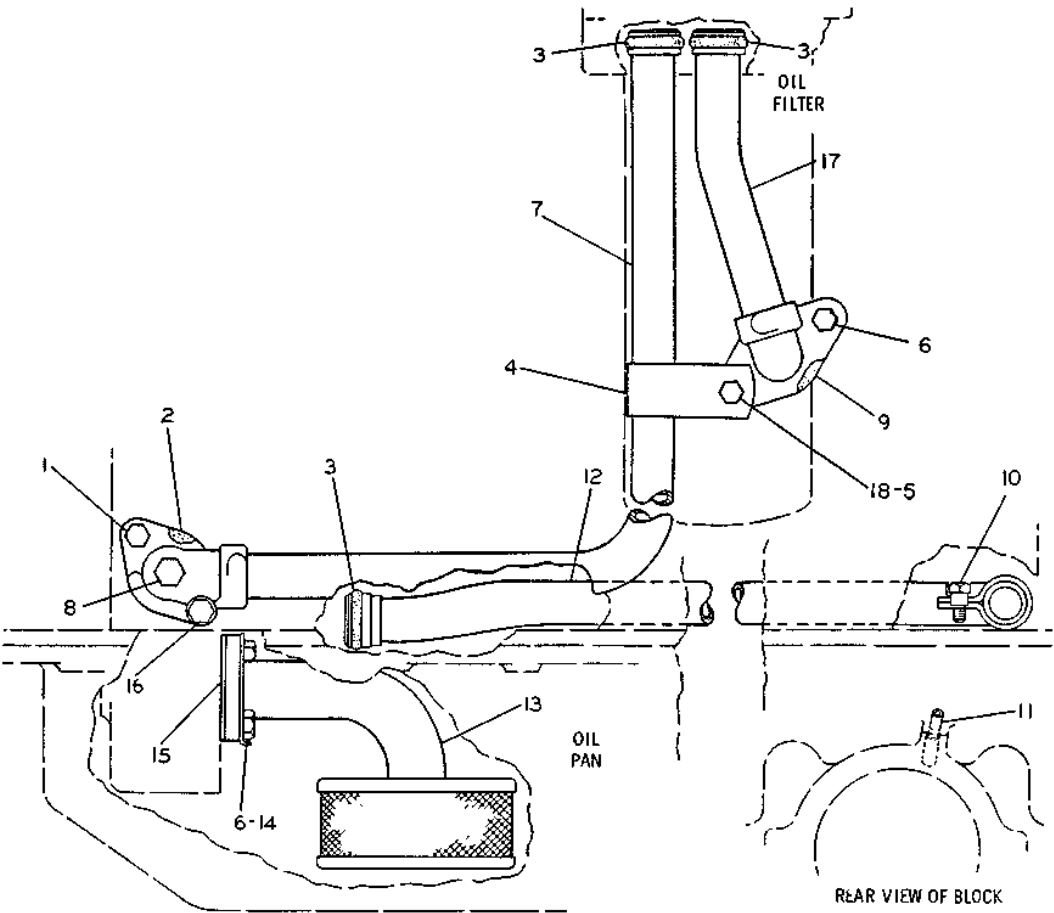
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 15   | 8M-0904     | GASKET      | 1   |      |            |
| 16   | 0L-2070     | BOLT        | 1   |      |            |
| 17   | 8N-7315     | TUBE ASSEM. | 1   | C    |            |
| 18   | 8N-5739     | BRACKET     | 1   | C    |            |
| 19   | 0S-1571     | BOLT        | 2   | C    |            |
|      | 5M-2894     | WASHER      | 2   | C    |            |
| 20   | 0L-1351     | BOLT        | 1   | C    |            |
|      | 1D-4717     | NUT         | 1   | C    |            |
|      | 9L-9132     | WASHER      | 1   | C    |            |

CAT codes: C.

2P-6512 LINES GP-ENGINE OIL

2P6512 OIL LINES GROUP ENGINE SERIAL NO. 12Z4388-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        | 3   |      |            |
| 4    | 3P-2404     | CLIP        | 1   | C    |            |
| 5    | 1L-5081     | SPACER      | 1   | C    |            |
| 6    | 0S-1594     | BOLT        | 3   | C    |            |
| 7    | 8N-7318     | TUBE ASSEM. | 1   |      |            |
| 8    | 5M-6213     | PLUG        | 1   |      |            |
| 9    | 7F-7590     | GASKET      | 1   |      |            |
| 10   | 4F-0029     | BOLT        | 1   |      |            |
|      | 0L-0364     | LOCK        | 1   |      |            |
| 11   | 2S-1541     | ORIFICE     | 4   |      |            |
| 12   | 2P-0744     | TUBE ASSEM. | 1   |      |            |
| 13   | 2P-1776     | BELL ASSEM. | 1   |      |            |
| 14   | 8S-8874     | LOCK        | 1   |      |            |

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

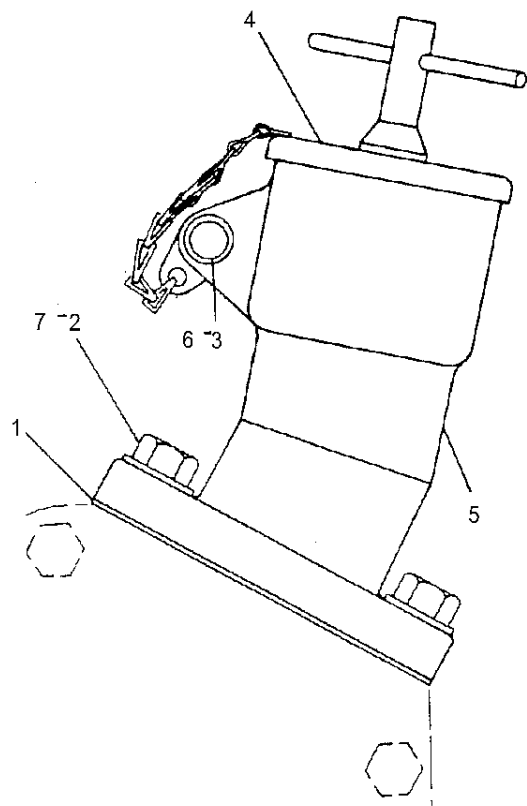
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 15   | 8M-0904     | GASKET      | 1   |      |            |
| 16   | 0L-2070     | BOLT        | 1   |      |            |
| 17   | 8N-7315     | TUBE ASSEM. | 1   |      |            |
| 18   | 0S-1571     | BOLT        | 1   | C    |            |
|      | 5M-2894     | WASHER      | 1   | C    |            |

CAT codes: C.

2P-6855 FILLER GP-OIL

2P6855 OIL FILLER GROUP

Drawing 1 of 1



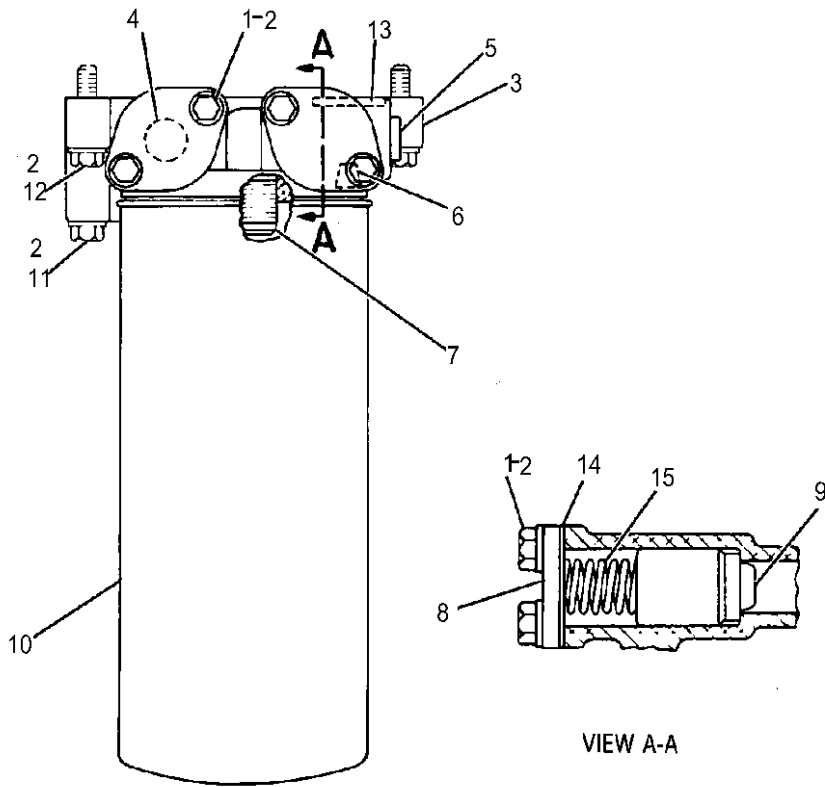
| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 2P-2720     | GASKET          | 1   |      |            |
| 2    | 1A-2029     | BOLT            | 2   | C    |            |
| 3    | 9M-5732     | RIVET-POP       | 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.

2P-6475 FILTER GP-ENGINE OIL

2P6475 OIL FILTER GROUP ENGINE SERIAL NO.12Z1 TO12Z3850 INCLUSIVE

Drawing 1 of 1



| Ref. | Part number | Description                | Qty | Code | Group page |
|------|-------------|----------------------------|-----|------|------------|
| 1    | 0S-1618     | BOLT                       | 4   |      |            |
| 2    | 9M-1974     | WASHER                     | 8   |      |            |
| 3    | 1P-6448     | BASE AS-OIL FILTER         | 1   |      |            |
| 4    | 1B-5174     | PLUG-PIPE 1.91CM(.75IN)THK | 3   |      |            |
| 5    | 3L-1850     | PLUG-PIPE 1.27CM(.5IN)THK  | 1   |      |            |
| 6    | 7H-3171     | PLUG-PIPE                  | 1   |      |            |
| 7    | 2P-2537     | STUD-HOLLOW                | 1   |      |            |
| 8    | 6B-0830     | COVER                      | 2   |      |            |
| 9    | 1P-1367     | PLUNGER                    | 2   |      |            |
| 10   | 2P-4004     | FILTER AS-OIL              | 1   |      |            |
| 11   | 1D-4540     | BOLT 6.99CM(2.75IN)LG      | 1   |      |            |
| 12   | 1A-9579     | BOLT 3.81CM(1.5IN)LG       | 3   |      |            |
| 13   | 8M-4432     | SEAL-O-RING                | 2   |      |            |
| 14   | 4N-8207     | GASKET                     | 2   |      |            |
| 15   | 8M-3182     | SPRING                     | 2   |      |            |

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