

# CATERPILLAR D6D

19X / HEBP1163

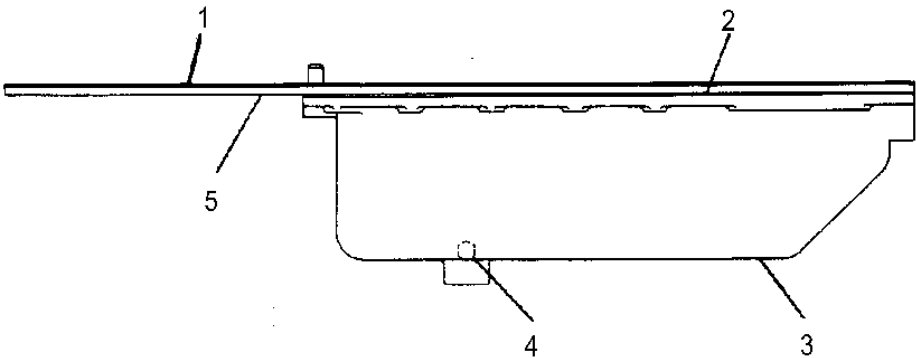
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| Basic engine                       |      |
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2P-6152 OIL PAN GROUP

2P6152 OIL PAN GROUP

Drawing 1 of 1

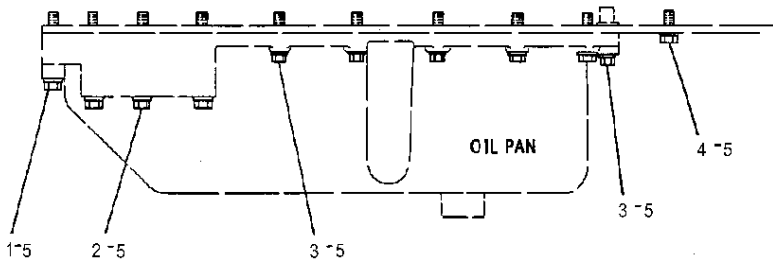


| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 4M-2969     | GASKET-PAN PLATE | 1   |      |            |
| 2    | 8S-1965     | GASKET-OIL PAN   | 1   |      |            |
| 3    | 9S-5417     | PAN-OIL          | 1   |      |            |
| 4    | 4B-7739     | PLUG-DRAIN       | 1   |      |            |
| 5    | 2P-1738     | PLATE AS-OIL PAN | 1   |      |            |

2P-6200 OIL PAN FASTENER GROUP

2P6200 OIL PAN FASTENER GROUP

Drawing 1 of 1



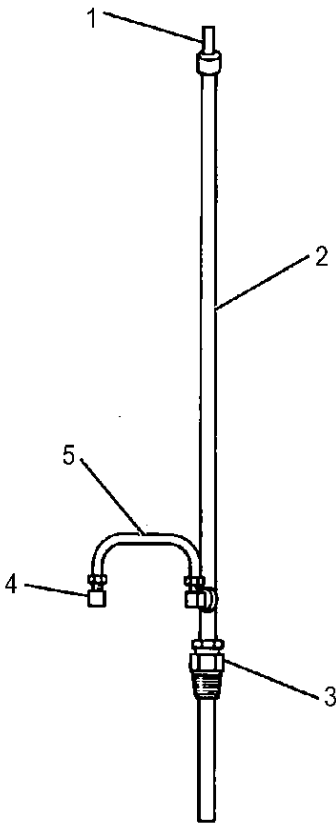
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 0T-0573     | BOLT        | 5   | C    |            |
| 2    | 0L-1352     | BOLT        | 3   | C    |            |
| 3    | 0S-1591     | BOLT        | 20  | C    |            |
| 4    | 0L-1351     | BOLT        | 18  | C    |            |
| 5    | 5M-2894     | WASHER      | 46  | C    |            |

CAT codes: C.

2P-6493 OIL LEVEL GAUGE GROUP

2P6493 OIL LEVEL GAUGE GROUP

Drawing 1 of 1

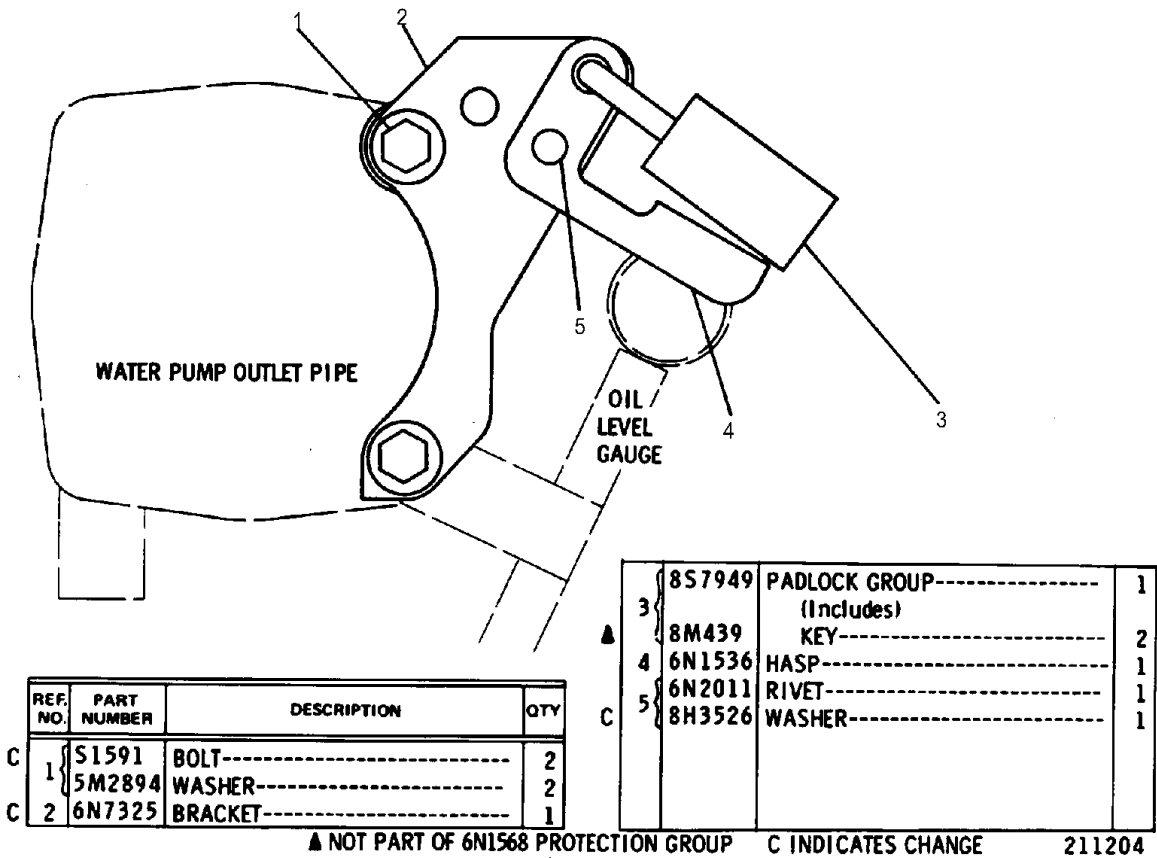


| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 8S-3995     | GAUGE AS-LEVEL       | 1   |      |            |
| 2    | 2P-2547     | TUBE AS-GUIDE        | 1   |      |            |
| 3    | 8S-1326     | CONNECTOR AS-SPECIAL | 1   |      |            |
|      | 8F-8998     | NUT-FITTING          | 1   |      |            |
| 4    | 5K-9243     | ELBOW-FLARED         | 2   |      |            |
| 5    | 2P-2697     | TUBE AS-AIR VENT     | 1   |      |            |

6N-1568 PROTECTION COVER GROUP

6N1568 PROTECTION COVER GROUP--Oil Level Gauge AN ATTACHMENT

Drawing 1 of 1



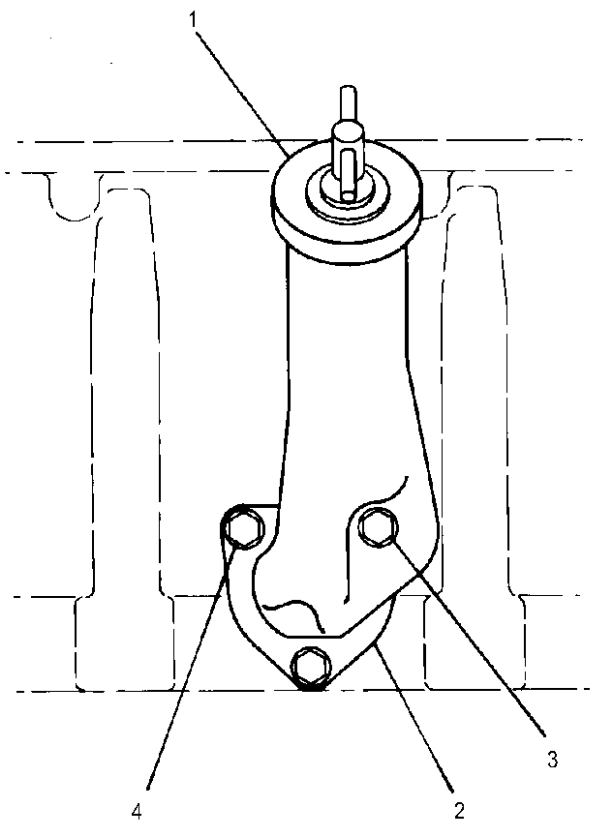
| Ref.       | Part number | Description   | Qty | Code | Group page |
|------------|-------------|---------------|-----|------|------------|
| 1          | 0S-1591     | BOLT          | 2   | C    |            |
|            | 5M-2894     | WASHER        | 2   |      |            |
| 2          | 6N-7325     | BRACKET       | 1   | C    |            |
| 3          | 8S-7949     | PADLOCK GROUP | 1   |      |            |
| (Includes) |             |               |     |      |            |
|            | 8M-0439     | KEY           | 2   | A    |            |
| 4          | 6N-1536     | HASP          | 1   |      |            |
| 5          | 6N-2011     | RIVET         | 1   |      |            |
|            | 8H-3526     | WASHER        | 1   | C    |            |

CAT codes: A, C.

4N-5139 OIL FILLER GROUP

4N5139 OIL FILLER GROUP

Drawing 1 of 1

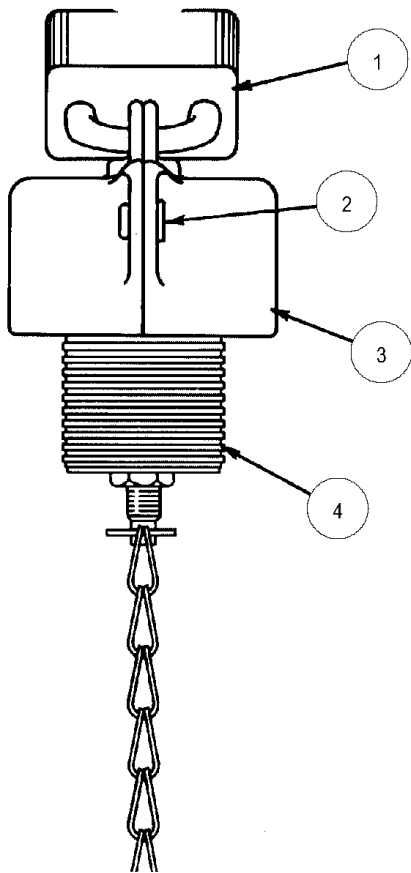


| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 7S-1803     | CAP AS-OIL       | 1   |      |            |
| 2    | 9S-1434     | PIPE-OIL FILLER  | 1   |      |            |
|      | 7S-1801     | ANCHOR-CHAIN     | 1   |      |            |
|      | 5S-8055     | GASKET           | 1   |      |            |
| 3    | 2P-3206     | BOLT-WASHER HEAD | 1   |      |            |
| 4    | 2P-3201     | BOLT-WASHER HEAD | 2   |      |            |

8S-3747 PROTECTION COVER GROUP

8S3747 PROTECTION COVER GROUP--Oil Filler Cap AN ATTACHMENT

Drawing 1 of 1



NOTE: For service of Key and Padlock order 8S7949  
Padlock Group

| REF. NO. | PART NUMBER     | DESCRIPTION      | QTY. |
|----------|-----------------|------------------|------|
| 1        | Not Serv. 8M439 | PADLOCK-----     | 1    |
|          |                 | KEY-----         | 2    |
| 2        | 8S4212          | RIVET-----       | 2    |
| 3        | Not Serv.       | COVER-----       | 2    |
| 4        | 7S1803          | CAP ASSEM. ----- | 1    |

▲ Not part of 8S3747 Protection  
Cover Group

111307

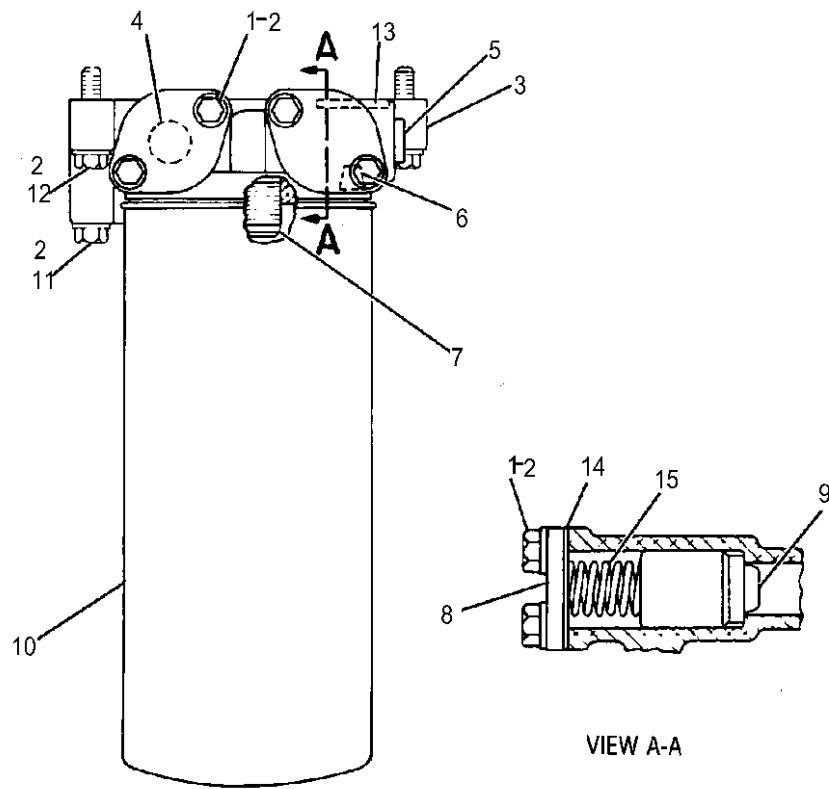
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | NOT-SERV    | PADLOCK     | 1   |      |            |
|      | 8M-0439     | KEY         | 2   | A    |            |
| 2    | 8S-4212     | RIVET       | 2   |      |            |
| 3    | NOT-SERV    | COVER       | 2   |      |            |
| 4    | 7S-1803     | CAP ASSEM.  | 1   |      |            |

CAT codes: A.

2P-6475 OIL FILTER GROUP

2P6475 OIL FILTER GROUP

Drawing 1 of 1

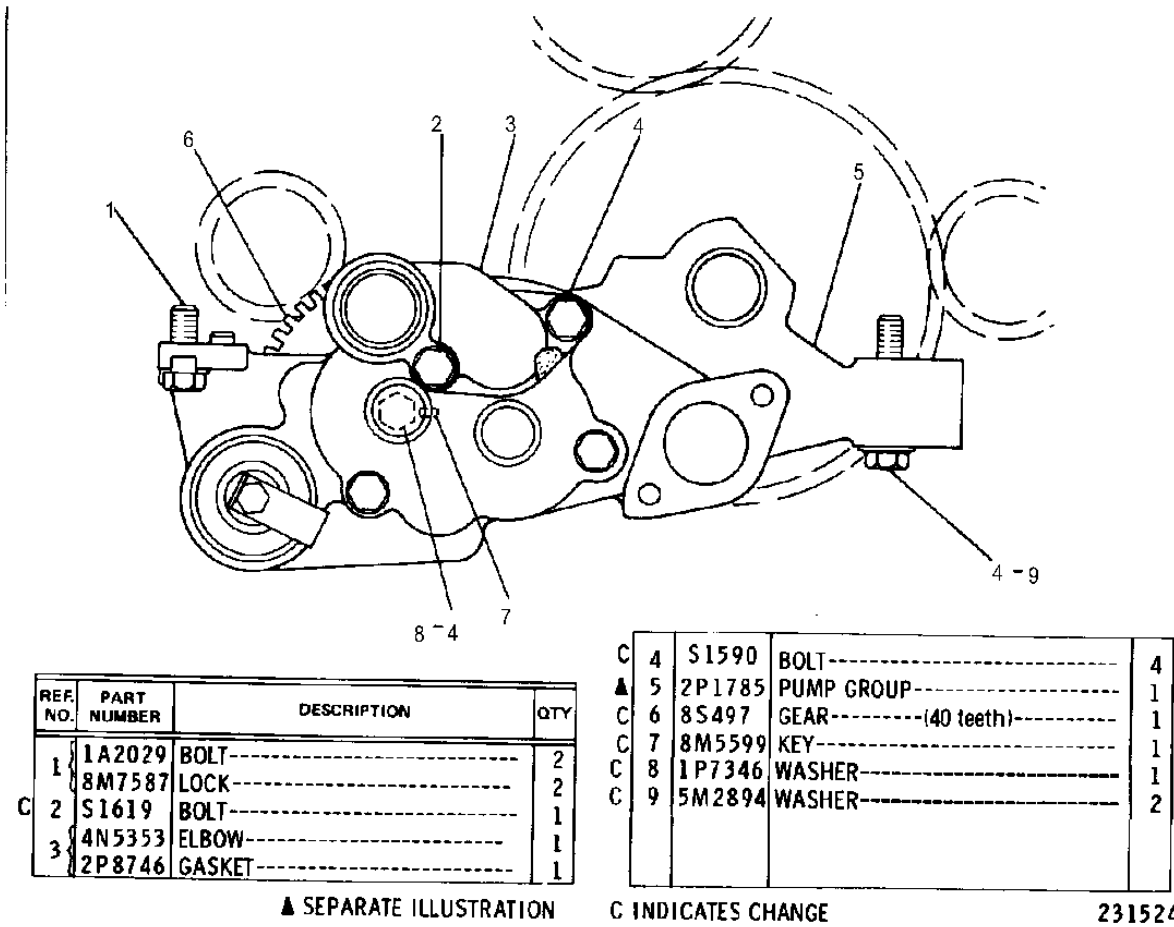


| Ref. | Part number | Description                | Qty | Code | Group page |
|------|-------------|----------------------------|-----|------|------------|
| 1    | 0S-1618     | BOLT                       | 4   |      |            |
| 2    | 9M-1974     | WASHER                     | 8   |      |            |
| 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   |      |            |

2P-1784 ENGINE OIL PUMP GROUP

2P1784 ENGINE OIL PUMP GROUP 2P1785 Pump parts are shown on Pages 27 & 27B

Drawing 1 of 1



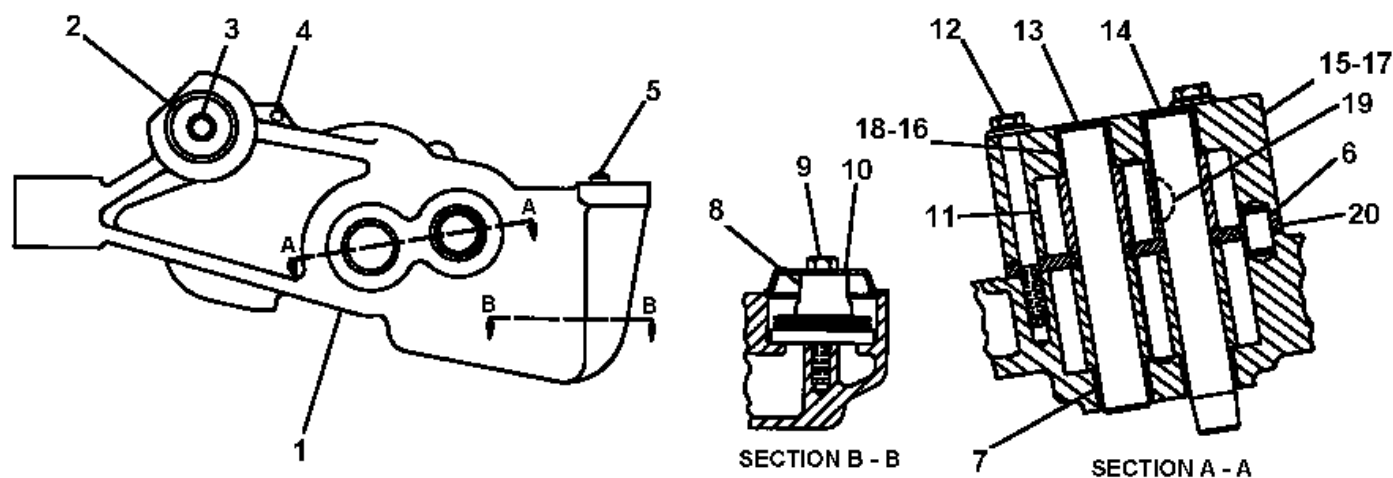
| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 1A-2029     | BOLT            | 2   |      |            |
|      | 8M-7587     | LOCK            | 2   |      |            |
| 2    | 0S-1619     | BOLT            | 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 ENGINE OIL PUMP GROUP

2P1785 ENGINE OIL PUMP GROUP Engine Serial No. 49V12459 to 49V17161 inclusive Part of 2P1784 Oil Pump Group shown on Page 26

Drawing 1 of 1



| Ref. | Part number | Description  | Qty | Code | Group page |
|------|-------------|--------------|-----|------|------------|
| 1    | 2P-0685     | BODY ASSEM.  | 1   |      |            |
| 2    | 2P-1170     | SHAFT ASSEM. | 1   |      |            |
| 3    | 4B-9782     | BALL         | 1   | C    |            |
| 4    | 4B-9880     | BALL         | 1   |      |            |
| 5    | 1F-1006     | DOWEL        | 1   |      |            |
| 6    | 1M-3735     | DOWEL        | 2   |      |            |
| 7    | 8S-6511     | BEARING      | 2   |      |            |
| 8    | 4N-8385     | VALVE ASSEM. | 1   | C    |            |
| 9    | 1B-9575     | BOLT         | 1   |      |            |
| 10   | 4N-3732     | COVER        | 1   |      |            |
| 11   | 6N-1036     | GEAR         | 2   | C    |            |
| 12   | 2P-3211     | BOLT         | 3   |      |            |
| 13   | 8S-0493     | SHAFT ASSEM. | 1   | C    |            |
| 14   | 2P-6245     | SHAFT ASSEM. | 1   |      |            |
| 15   | 6A-7802     | BODY ASSEM.  | 1   |      |            |
|      | 4N-4055     | BODY ASSEM.  | 1   |      |            |
| 16   | 8S-6511     | BEARING      | 2   |      |            |
| 17   | 2P-0681     | BODY ASSEM.  | 1   |      |            |
| 18   | 8S-6511     | BEARING      | 2   |      |            |
| 19   | 1B-8709     | KEY          | 1   |      |            |
| 20   | 2P-1781     | SPACER       | 1   |      |            |

CAT codes: C.

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