

# CATERPILLAR 3516C

PRC / SEBP4679

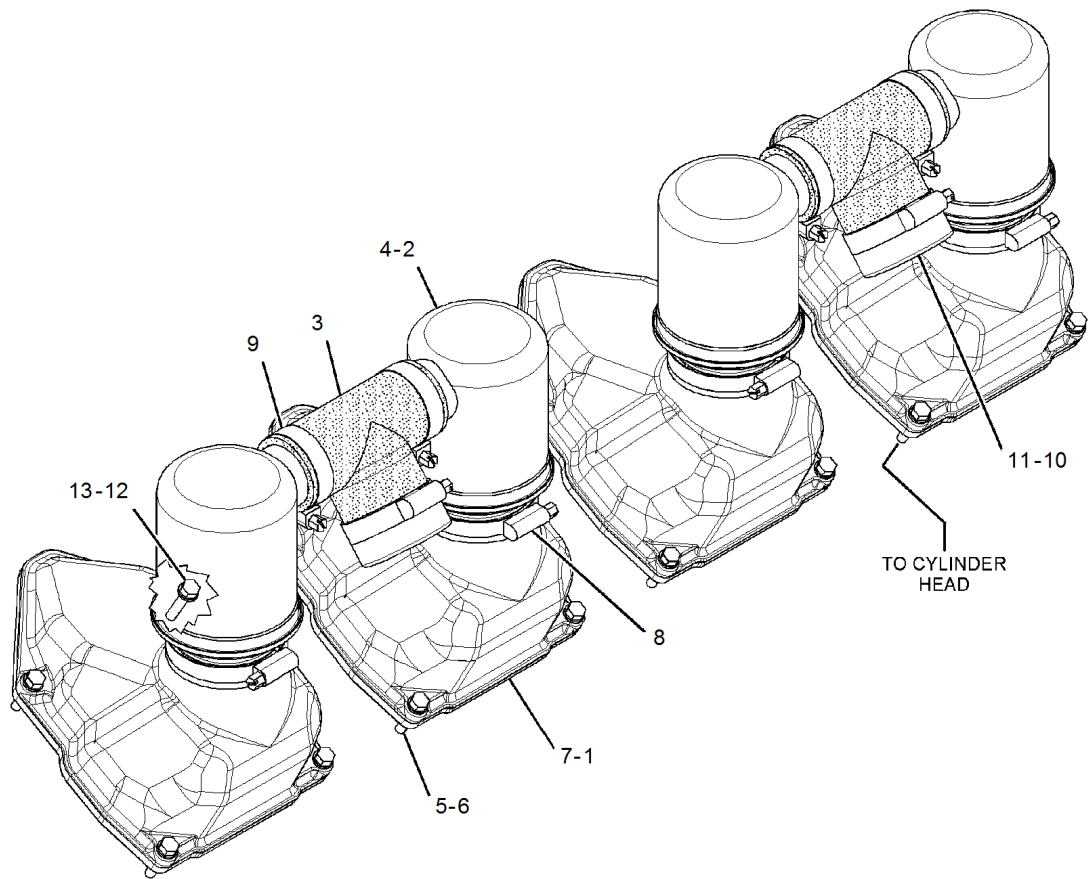
## Contents

| Section                            | Page |
|------------------------------------|------|
| <a href="#">Lubrication system</a> | 2    |
| Cooling system                     |      |
| Air inlet and exhaust              |      |
| Fuel system                        |      |
| Electrical and electronics         |      |
| Basic engine                       |      |
| Basic engine                       |      |
| Electrical and electronics         |      |
| Power train                        |      |
| Frame, guards and enclosure        |      |
| Undercarriage                      |      |

124-5513 BREATHER GP -CRANKCASE

124-5513 BREATHER GP -CRANKCASE S/N PRC1-UP; SDX101-UP

Drawing 1 of 1



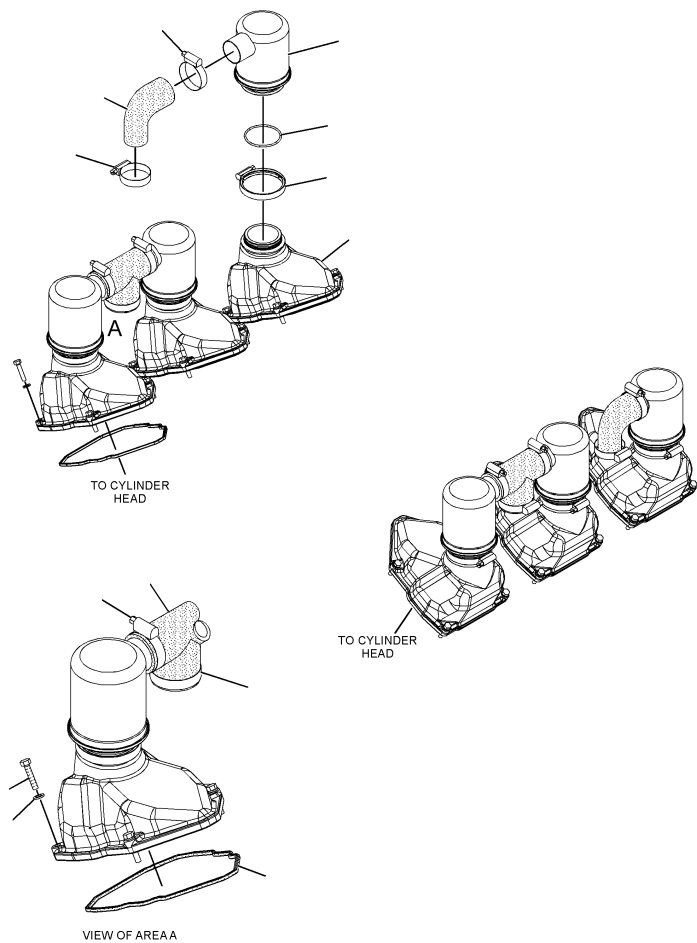
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 272-0760    | SEAL-VALVE COVER (BREATHER)   | 4   |      |            |
| 2    | 4W-3027     | BREATHER AS (CRANKCASE)       | 4   |      |            |
| 3    | 217-6692    | HOSE-TEE                      | 2   |      |            |
| 4    | 033-6031    | SEAL-O-RING                   | 4   |      |            |
| 5    | 1A-9579     | BOLT (5/16-18X1.5-IN)         | 15  |      |            |
| 6    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 15  |      |            |
| 7    | 101-4199    | COVER AS                      | 4   |      |            |
| 8    | 4W-3034     | CLAMP-HOSE                    | 4   |      |            |
| 9    | 5P-0597     | CLAMP-HOSE                    | 4   |      |            |
| 10   | 5P-4868     | CLAMP-HOSE                    | 2   |      |            |
| 11   | 7N-7820     | BOOT                          | 2   | B    |            |
| 12   | 1A-9579     | BOLT (5/16-18X1.5-IN)         | 1   | B    |            |
| 13   | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 1   | B    |            |

CAT codes: B.

284-4153 BREATHER GP -CRANKCASE

284-4153 BREATHER GP -CRANKCASE S/N SDX1-UP

Drawing 1 of 1

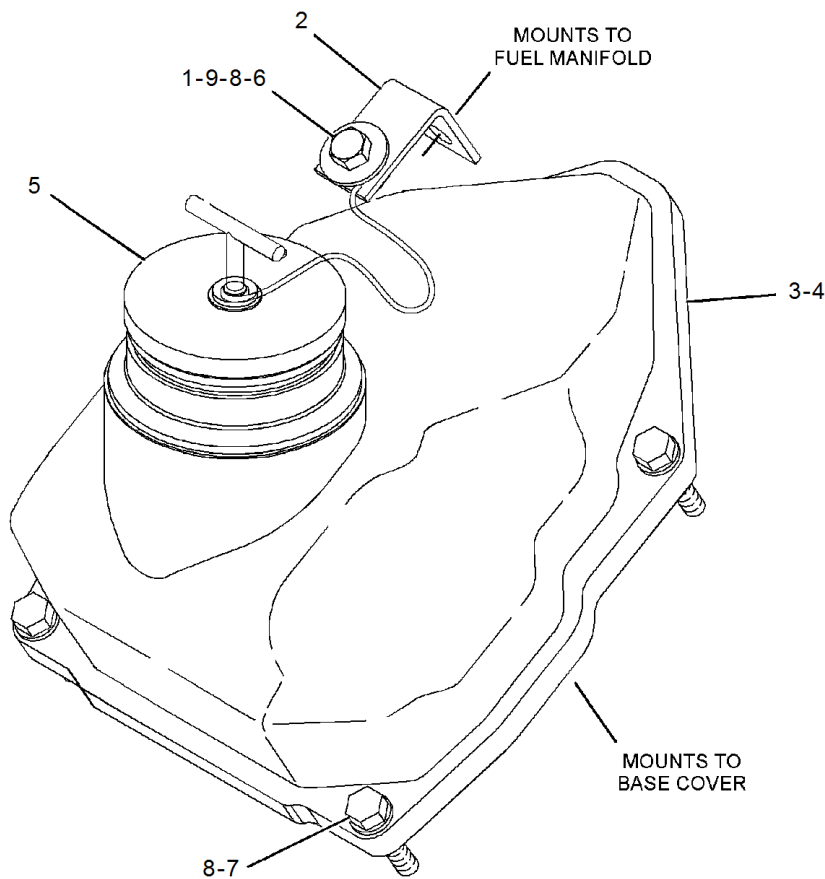


| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 4W-3027     | BREATHER AS (CRANKCASE)       | 6   |      |            |
| 2    | 4W-3034     | CLAMP-HOSE                    | 6   |      |            |
| 3    | 5P-0597     | CLAMP-HOSE                    | 8   |      |            |
| 4    | 7E-8736     | HOSE                          | 2   |      |            |
| 5    | 101-4199    | COVER AS                      | 6   |      |            |
| 6    | 5P-4868     | CLAMP-HOSE                    | 2   |      |            |
| 7    | 272-0760    | SEAL-VALVE COVER (BREATHER)   | 6   |      |            |
| 8    | 217-6692    | HOSE-TEE                      | 2   |      |            |
| 9    | 033-6031    | SEAL-O-RING                   | 6   |      |            |
| 10   | 1A-9579     | BOLT (5/16-18X1.5-IN)         | 24  |      |            |
| 11   | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 24  |      |            |

112-6033 FILLER GP-ENGINE OIL

112-6033 FILLER GP-ENGINE OIL S/N SDX1-UP

Drawing 1 of 1

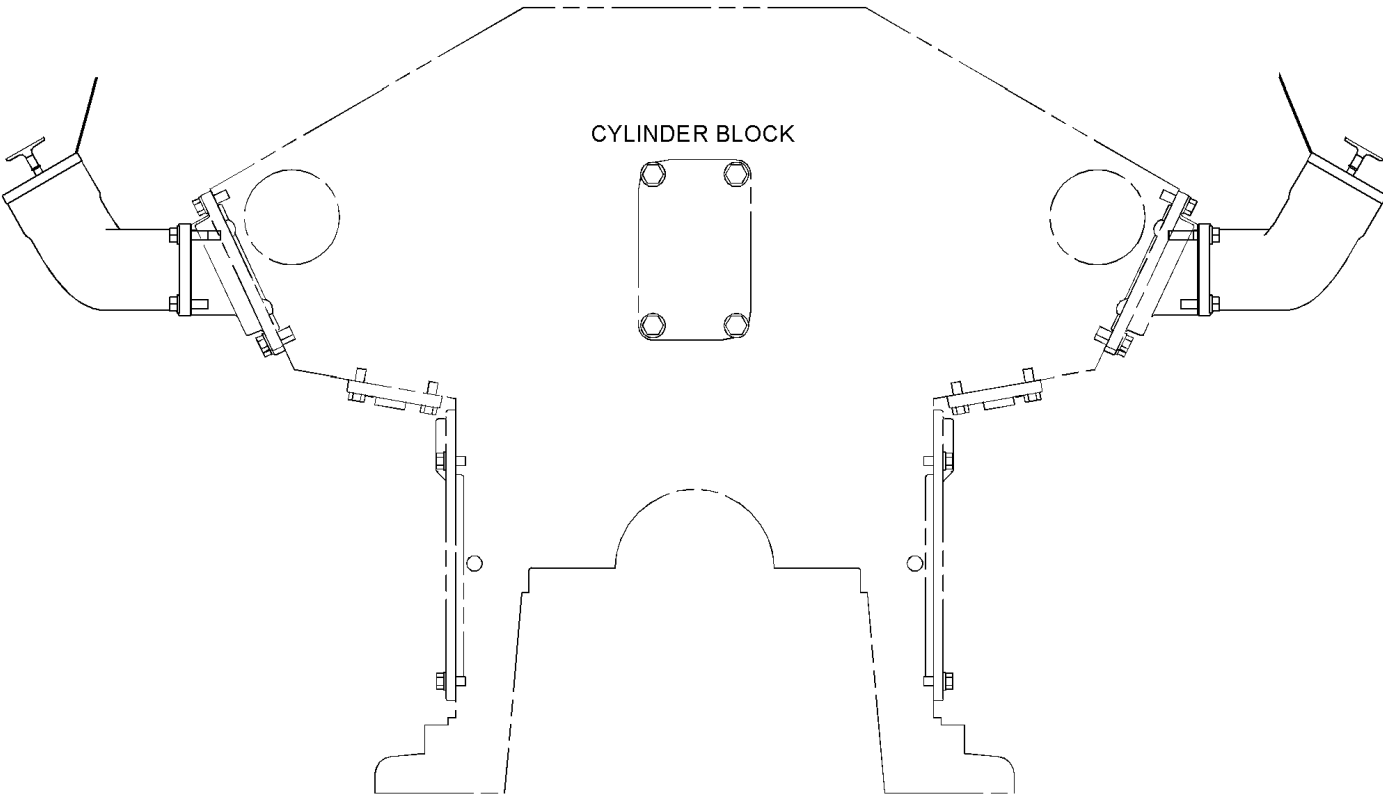


| Ref. | Part number | Description                     | Qty | Code | Group page |
|------|-------------|---------------------------------|-----|------|------------|
| 1    | 2B-2695     | BOLT (5/16-18X0.875-IN)         | 1   |      |            |
| 2    | 4P-9226     | BRACKET                         | 1   |      |            |
| 3    | 101-4199    | COVER AS                        | 1   |      |            |
| 4    | 272-0760    | SEAL-VALVE COVER (OIL FILLER)   | 1   |      |            |
| 5    | 262-6104    | CAP AS-ENGINE OIL FILLER        | 1   |      |            |
| 6    | 031-4155    | LOCKNUT (5/16-18-THD)           | 1   |      |            |
| 7    | 1A-9579     | BOLT (5/16-18X1.5-IN)           | 4   |      |            |
| 8    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK)   | 5   |      |            |
| 9    | 9N-0869     | WASHER-HARD (8.8X25.5X2-MM THK) | 1   |      |            |

314-4022 FILLER GP-ENGINE OIL

314-4022 FILLER GP-ENGINE OIL S/N PRC1-UP; SDX101-UP

Drawing 1 of 1



FRONT VIEW OF ENGINE

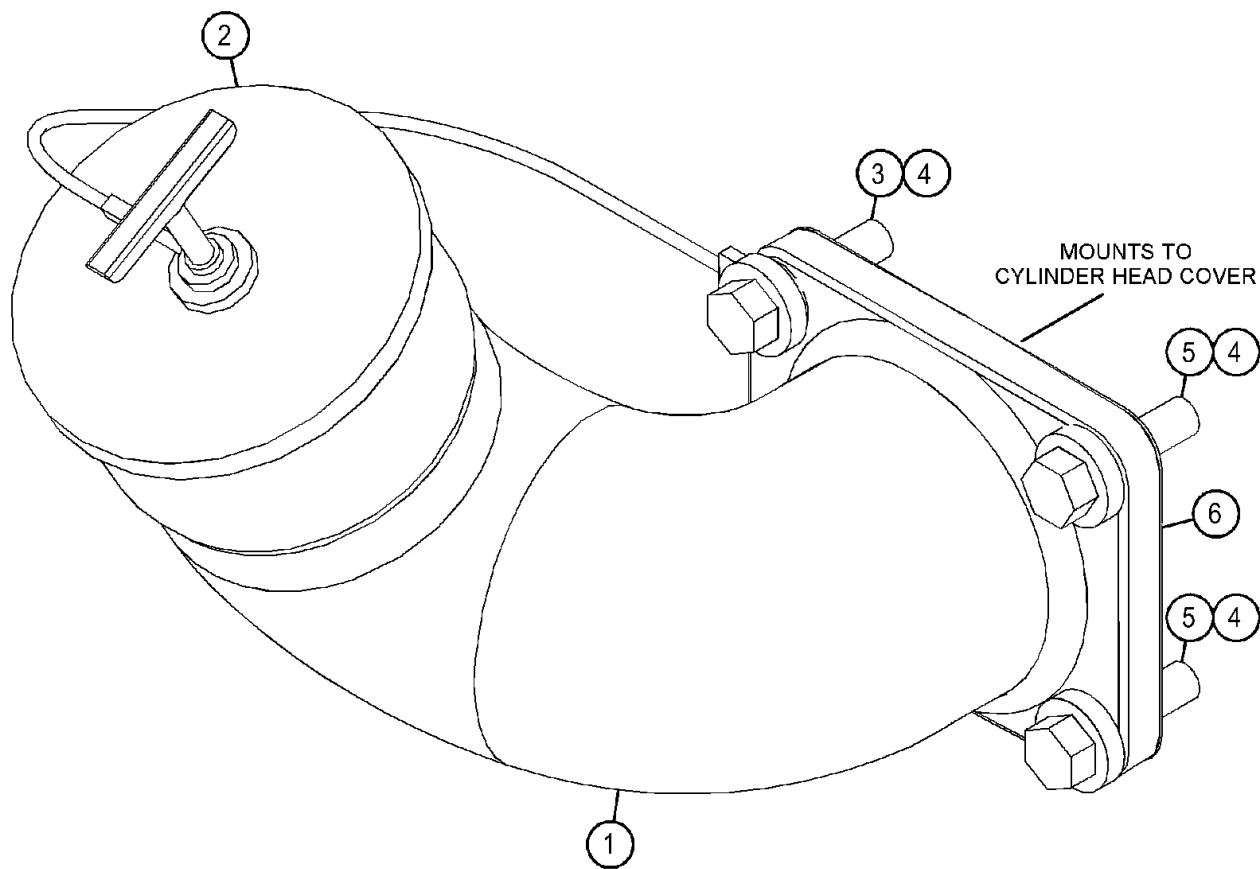
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 4P-3327     | FILLER GP-ENGINE OIL | 2   | Y    |            |

CAT codes: Y.

4P-3327 FILLER GP-ENGINE OIL

4P-3327 FILLER GP-ENGINE OIL S/N PRC1-UP; SDX1-UP PART OF 314-4022 FILLER GP-ENGINE OIL

Drawing 1 of 1

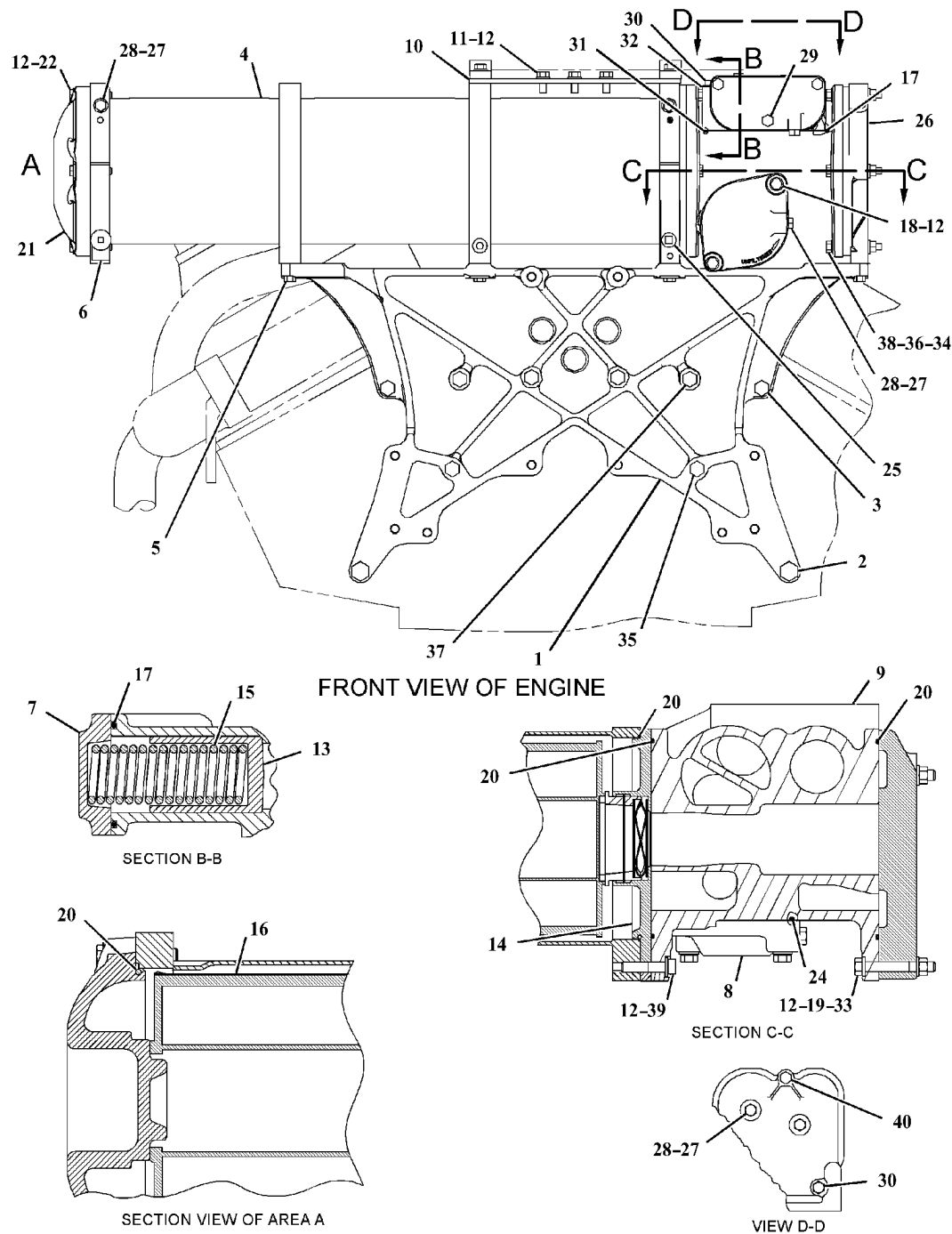


| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 7N-5336     | ELBOW-OIL FILLER                 | 1   |      |            |
| 2    | 420-5537    | CAP AS-OIL FILLER (OIL FILLER)   | 1   |      |            |
| 3    | 0S-1591     | BOLT (3/8-16X1.5-IN)             | 1   |      |            |
| 4    | 8M-9024     | WASHER-HARD (10.2X22.5X5-MM THK) | 4   |      |            |
| 5    | 3B-1915     | BOLT (3/8-16X1.375-IN)           | 3   |      |            |
| 6    | 2W-0752     | GASKET                           | 1   |      |            |

112-4921 FILTER GP-ENGINE OIL -RH

112-4921 FILTER GP-ENGINE OIL -RH S/N PRC1-UP; SDX1-UP

Drawing 1 of 1



| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
| 1    | 8N-9482     | SUPPORT-OIL FILTER             | 1   |      |            |
| 2    | 5P-4624     | BOLT (3/4-10X11.5-IN)          | 2   |      |            |
| 3    | 4S-5882     | BOLT (1/2-13X7.25-IN)          | 2   |      |            |
| 4    | 278-1082    | HOUSING AS-FILTER (ENGINE OIL) | 1   | C    |            |
|      | 4V-7412     | BOSS (3/8-16-THD)              | 1   |      |            |

**112-4921 FILTER GP-ENGINE OIL -RH** (continued)

| Ref. | Part number | Description                                        | Qty | Code | Group page |
|------|-------------|----------------------------------------------------|-----|------|------------|
| 5    | 0S-1588     | BOLT (3/8-16X1.25-IN)                              | 8   |      |            |
| 6    | 2S-5100     | VALVE-MANUAL                                       | 1   |      |            |
| 7    | 4W-5592     | COVER                                              | 1   | C    |            |
| 8    | 339-5148    | COVER                                              | 1   | C    |            |
| 9    | 4W-6387     | HOUSING AS (BYPASS)                                | 1   | C    |            |
|      | 7N-2043     | DOWEL                                              | 3   |      |            |
| 10   | 133-9313    | PLATE                                              | 1   |      |            |
| 11   | 0L-1351     | BOLT (3/8-16X0.875-IN)                             | 3   |      |            |
| 12   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)                 | 15  |      |            |
| 13   | 2W-1969     | VALVE-BYPASS (OIL COOLER)                          | 1   | C    |            |
| 14   | 155-1690    | ADAPTER AS                                         | 1   | C    |            |
|      | 154-1581    | RING-RETAINING                                     | 1   |      |            |
| 15   | 2W-1635     | SPRING                                             | 1   |      |            |
| 16   | 1R-0726     | FILTER ELEMENT AS-ENGINE OIL (STANDARD EFFICIENCY) | 3   |      |            |
| 17   | 5P-4892     | SEAL-O-RING                                        | 4   | C    |            |
| 18   | 165-3931    | BOLT (3/8-16X1.75-IN)                              | 2   |      |            |
| 19   | 9S-8752     | NUT-FULL (3/8-16-THD)                              | 2   |      |            |
| 20   | 6V-3907     | SEAL-O-RING                                        | 4   |      |            |
| 21   | 157-0443    | COVER AS                                           | 1   | C    |            |
| 22   | 7F-0192     | BOLT (3/8-16X2-IN)                                 | 3   |      |            |
| 24   | 5D-5957     | SEAL-O-RING                                        | 1   |      |            |
| 25   | 8T-6762     | PLUG-PIPE (1/2-14-THD)                             | 1   |      |            |
| 26   | 4W-6960     | SUPPORT-HOUSING                                    | 1   |      |            |
| 27   | 6V-5048     | SEAL-O-RING                                        | 6   | C    |            |
| 28   | 9S-4182     | PLUG (7/16-20-THD)                                 | 6   | C    |            |
| 29   | 1M-0644     | BOLT (3/8-16X2.25-IN)                              | 3   | C    |            |
| 30   | 0S-1619     | BOLT (3/8-16X3-IN)                                 | 2   | C    |            |
| 31   | 6V-8001     | SEAL-O-RING                                        | 1   | C    |            |
| 32   | 111-8639    | COVER-BYPASS VALVE                                 | 1   | C    |            |
| 33   | 0T-0573     | BOLT (3/8-16X2.75-IN)                              | 2   |      |            |
| 34   | 0T-0573     | BOLT (3/8-16X2.75-IN)                              | 1   | B    |            |
| 35   | 1D-4574     | BOLT (1/2-13X6-IN)                                 | 2   | B    |            |
| 36   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)                 | 2   | B    |            |
| 37   | 5P-5421     | BOLT (1/2-13X11.5-IN)                              | 4   | B    |            |

112-4921 FILTER GP-ENGINE OIL -RH (continued)

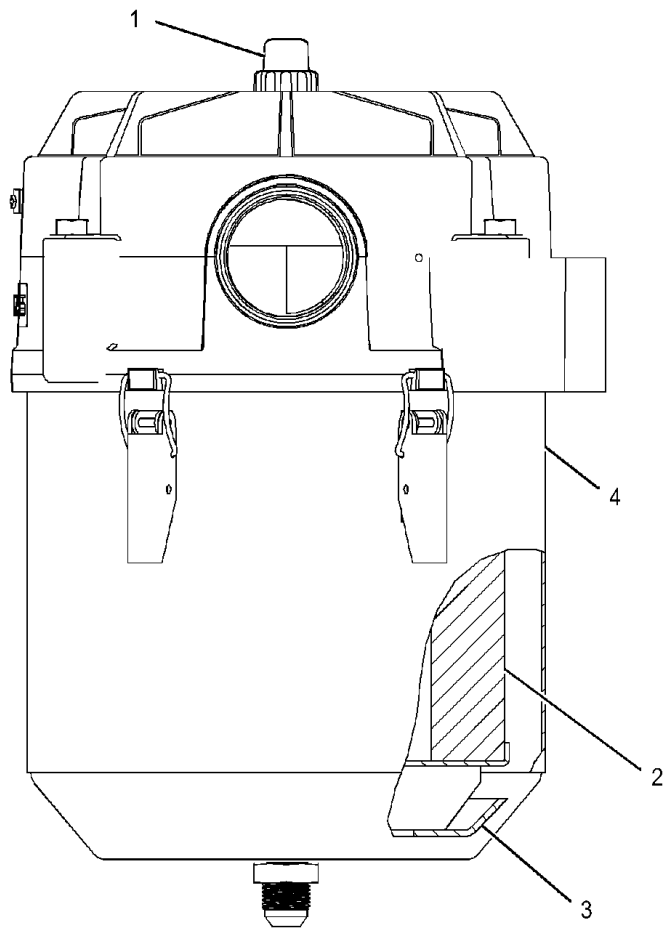
| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 38   | 9S-8752     | NUT-FULL (3/8-16-THD) | 1   | B    |            |
| 39   | 165-3931    | BOLT (3/8-16X1.75-IN) | 3   |      |            |
| 40   | 0L-1143     | BOLT (3/8-16X2.5-IN)  | 1   |      |            |

CAT codes: B, C.

279-2475 FILTER GP-FUMES DISPOSAL

279-2475 FILTER GP-FUMES DISPOSAL S/N SDX1-100 PART OF 282-9590 FILTER GP-FUMES DISPOSAL ALSO AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                              | Qty | Code | Group page |
|------|-------------|------------------------------------------|-----|------|------------|
| 1    | 195-4550    | CAP                                      | 1   |      |            |
| 2    | 275-2276    | FILTER ELEMENT-BREATHER (FUMES DISPOSAL) | 1   |      |            |
| 3    | 291-9125    | PAD                                      | 1   |      |            |
| 4    | 376-4887    | CANISTER                                 | 1   |      |            |

**MANUALS-KOMATSU.COM**

## **Complete Caterpillar PDF Parts Catalogue**

PRC-SEBP4679

**\$99**

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

**Buy complete PDF - \$99**