

# CATERPILLAR 3512B

4TN / SEBP6152

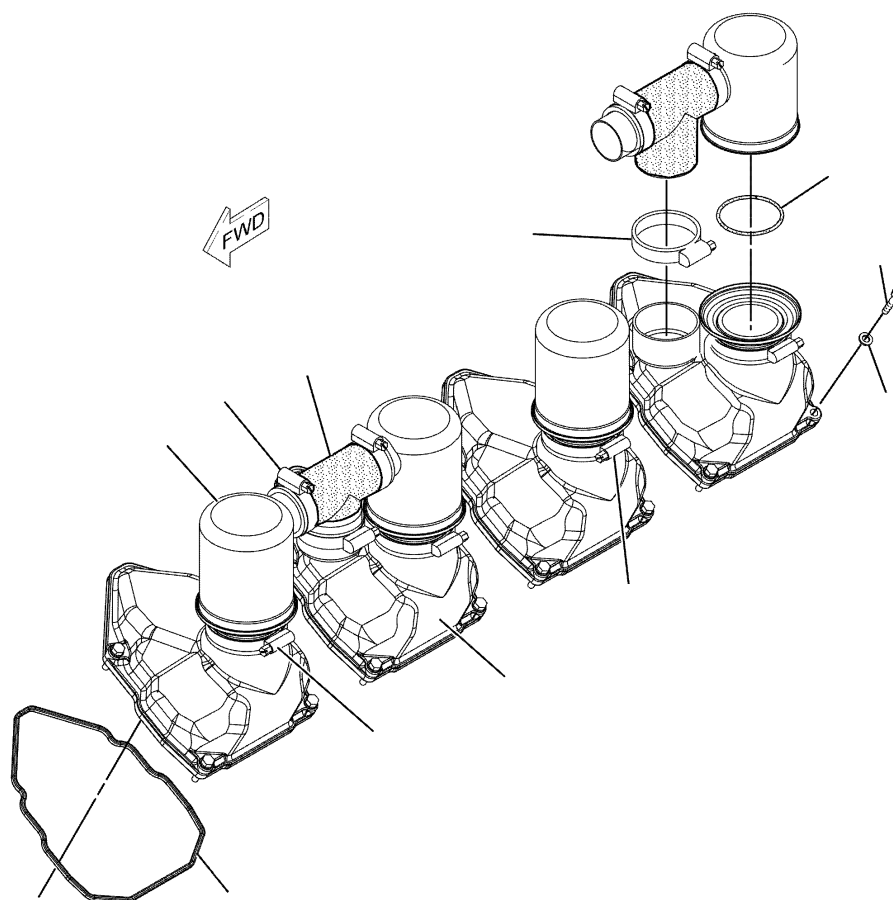
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| Basic engine                       |      |
| Basic engine                       |      |
| Electrical and electronics         |      |
| Basic engine                       |      |

## 247-4696 BREATHER GP -CRANKCASE

247-4696 BREATHER GP -CRANKCASE PART OF 357-0857, 357-0858, 357-0859 ENGINE AR-COMplete

Drawing 1 of 1



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

112-6033 FILLER GP-ENGINE OIL

112-6033 FILLER GP-ENGINE OIL PART OF 357-0857, 357-0858, 357-0859 ENGINE AR-COMPLETE

Drawing 1 of 1

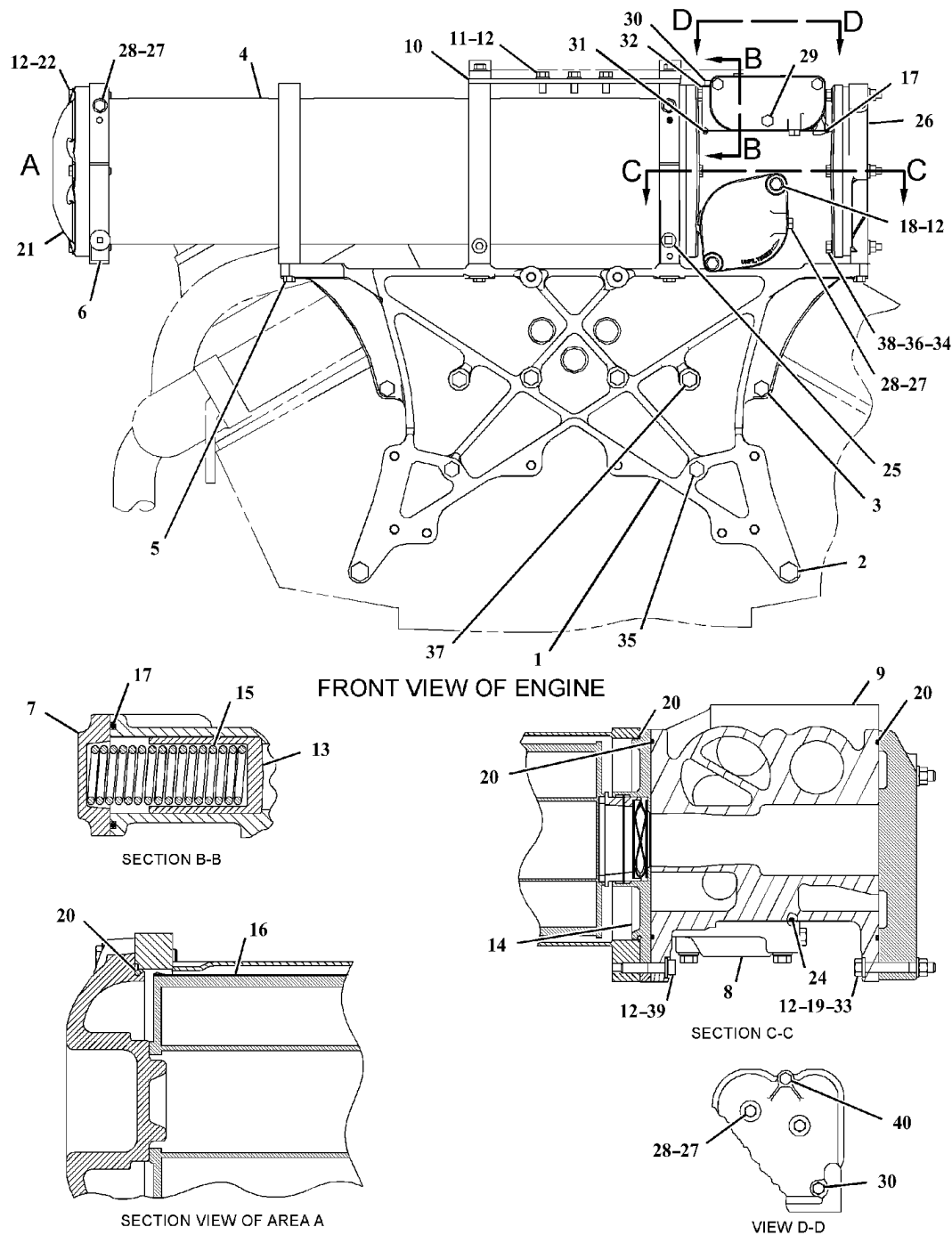


| Ref. | Part number | Description                     | Qty | Code | Group page |
|------|-------------|---------------------------------|-----|------|------------|
| 1    | 2B-2695     | BOLT (5/16-18X0.875-IN)         | 1   |      |            |
| 2    | 4P-9226     | BRACKET                         | 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   |      |            |

112-4921 FILTER GP-ENGINE OIL -RH

112-4921 FILTER GP-ENGINE OIL -RH PART OF 357-0857, 357-0858, 357-0859 ENGINE AR-COMPLETE

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)

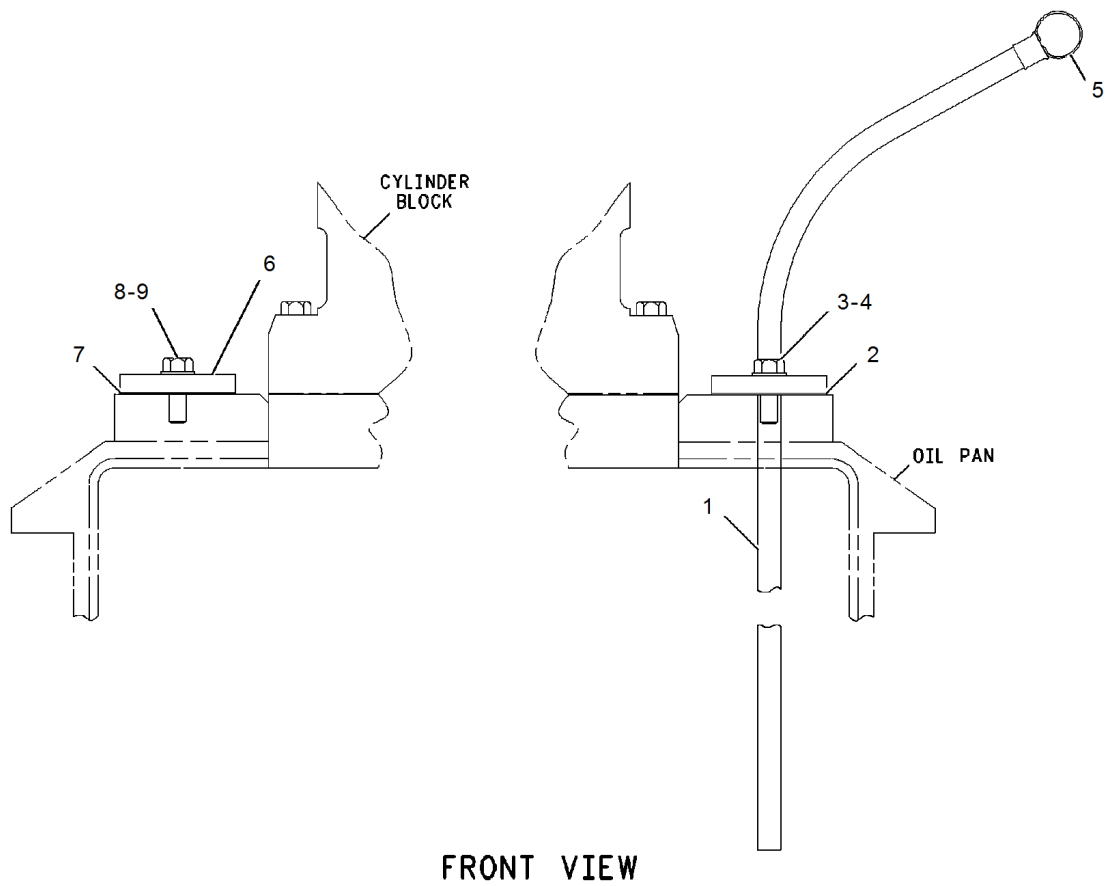
| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 38   | 9S-8752     | NUT-FULL (3/8-16-THD) | 1   | B    |            |
| 39   | 165-3931    | BOLT (3/8-16X1.75-IN) | 3   |      |            |
| 40   |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

CAT codes: B, C.

7C-9784 GAUGE GP-OIL LEVEL (DIPSTICK) -DEEP SUMP

7C-9784 GAUGE GP-OIL LEVEL (DIPSTICK) -DEEP SUMP ENGINE PART OF 357-0857, 357-0858, 357-0859 ENGINE AR-COMPLETE

Drawing 1 of 1



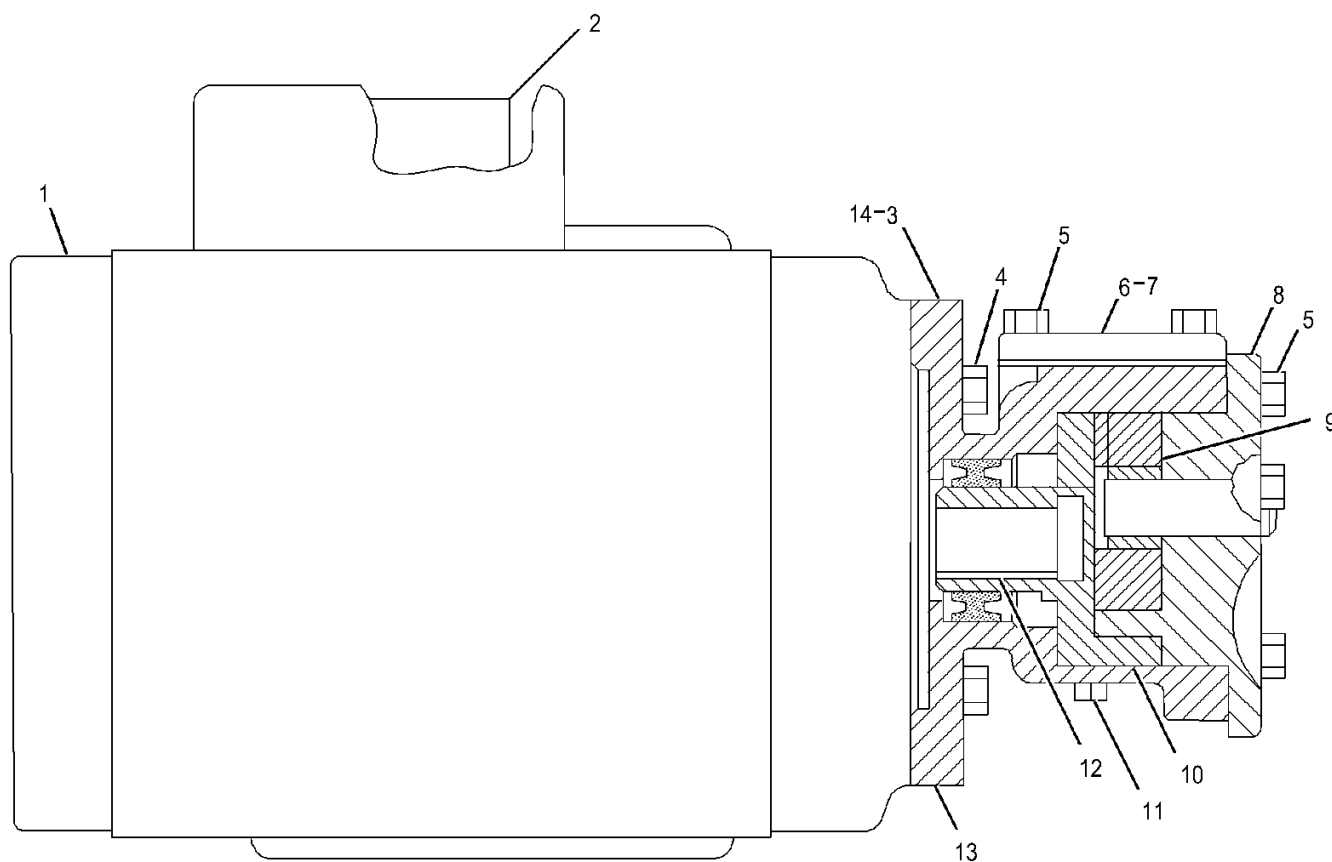
| Ref. | Part number | Description                               | Qty | Code | Group page |
|------|-------------|-------------------------------------------|-----|------|------------|
| 1    | 7E-0467     | TUBE AS-OIL GAUGE                         | 1   |      |            |
| 2    | 9L-1480     | GASKET                                    | 1   |      |            |
| 3    | 0S-1594     | BOLT (3/8-16X1-IN)                        | 2   |      |            |
| 4    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)        | 2   |      |            |
| 5    | 7C-9786     | GAUGE AS-OIL LEVEL (DIPSTICK) (DEEP SUMP) | 1   |      |            |
| 6    | 4B-3140     | COVER                                     | 1   | B    |            |
| 7    | 9L-1480     | GASKET                                    | 1   | B    |            |
| 8    | 0S-1594     | BOLT (3/8-16X1-IN)                        | 2   | B    |            |
| 9    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)        | 2   | B    |            |

CAT codes: B.

## 242-6277 LINES GP-ENGINE OIL

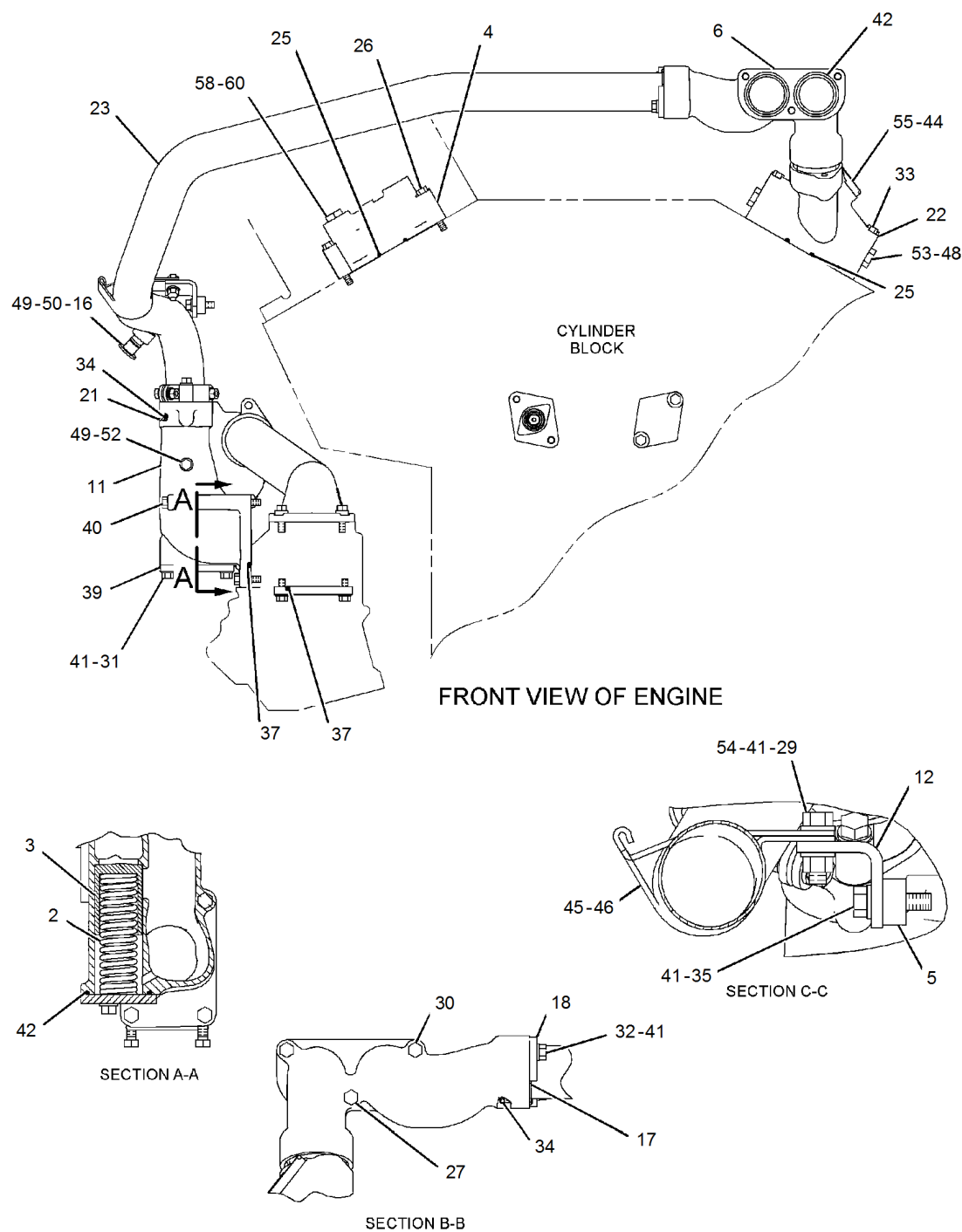
242-6277 LINES GP-ENGINE OIL PART OF 357-0857, 357-0858, 357-0859 ENGINE AR-COMplete Type 1

Drawing 1 of 2



242-6277 LINES GP-ENGINE OIL (continued)

Drawing 2 of 2



| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 1N-3333     | TUBE                          | 1   |      |            |
| 2    | 2W-1635     | SPRING                        | 1   |      |            |
| 3    | 2W-1969     | VALVE-BYPASS (OIL COOLER)     | 1   |      |            |
| 4    | 359-4123    | ADAPTER                       | 1   |      |            |
| 5    | 4S-5719     | SPACER (10.31X25X12.7-MM THK) | 1   |      |            |
| 6    | 4W-4313     | ADAPTER                       | 1   |      |            |

## 242-6277 LINES GP-ENGINE OIL (continued)

| Ref.            | Part number | Description                        | Qty | Code | Group page |
|-----------------|-------------|------------------------------------|-----|------|------------|
| 7               | 4W-4677     | TUBE                               | 1   |      |            |
| 8               | 4W-5597     | COVER                              | 1   |      |            |
| 9               | 6B-0933     | SPACER (10.31X19.05X6.35-MM THK)   | 4   |      |            |
| 10              | 6B-9202     | SPRING                             | 2   |      |            |
| 11              | 7C-9217     | ELBOW (OIL COOLER BYPASS)          | 1   |      |            |
| 12              | 7E-6369     | BRACKET                            | 1   |      |            |
| 13              | 369-9509    | ELBOW-OIL COOLER                   | 1   |      |            |
| 14              | 7N-5416     | ELBOW (OUTLET)                     | 1   |      |            |
| 15              | 7N-7697     | PLUNGER AS                         | 2   |      |            |
| (EACH INCLUDES) |             |                                    |     |      |            |
|                 | 7M-1808     | DOWEL                              | 1   |      |            |
| 16              | 8C-3445     | CAP-DUST                           | 1   | C    |            |
| 17              | 8N-1991     | RING-RETAINING                     | 1   |      |            |
| 18              | 8N-1992     | RETAINER                           | 2   |      |            |
| 19              | 8N-2929     | COVER                              | 2   |      |            |
| 20              | 100-8075    | CLAMP AS                           | 1   |      |            |
| 21              | 111-3820    | RING-RETAINING                     | 1   |      |            |
| 22              | 365-4215    | ADAPTER                            | 1   |      |            |
| 23              | 253-4777    | TUBE AS                            | 1   | C    |            |
| 24              | 264-0450    | CLAMP AS                           | 1   |      |            |
| 25              | 6V-4368     | SEAL-O-RING                        | 4   |      |            |
| 26              | 0L-1143     | BOLT (3/8-16X2.5-IN)               | 4   |      |            |
| 27              | 0L-1352     | BOLT (3/8-16X3.25-IN)              | 1   |      |            |
| 28              | 0S-1571     | BOLT (3/8-16X1.75-IN)              | 2   | C    |            |
| 29              | 0S-1588     | BOLT (3/8-16X1.25-IN)              | 11  |      |            |
| 30              | 0S-1590     | BOLT (3/8-16X2-IN)                 | 2   |      |            |
| 31              | 0S-1591     | BOLT (3/8-16X1.5-IN)               | 2   |      |            |
| 32              | 0S-1594     | BOLT (3/8-16X1-IN)                 | 14  |      |            |
| 33              | 0T-0065     | BOLT (3/8-16X3.5-IN)               | 4   |      |            |
| 34              | 109-2332    | SEAL-O-RING                        | 6   |      |            |
| 35              | 3B-1915     | BOLT (3/8-16X1.375-IN)             | 1   |      |            |
| 37              | 3P-0655     | SEAL-O-RING                        | 3   |      |            |
| 38              | 4B-3140     | COVER                              | 1   |      |            |
| 39              | 4W-5596     | COVER                              | 1   |      |            |
| 40              | 5F-4899     | BOLT (3/8-16X5.5-IN)               | 1   |      |            |
| 41              | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 17  | C    |            |

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