

# CATERPILLAR 3512

CMJ / SEBP3305

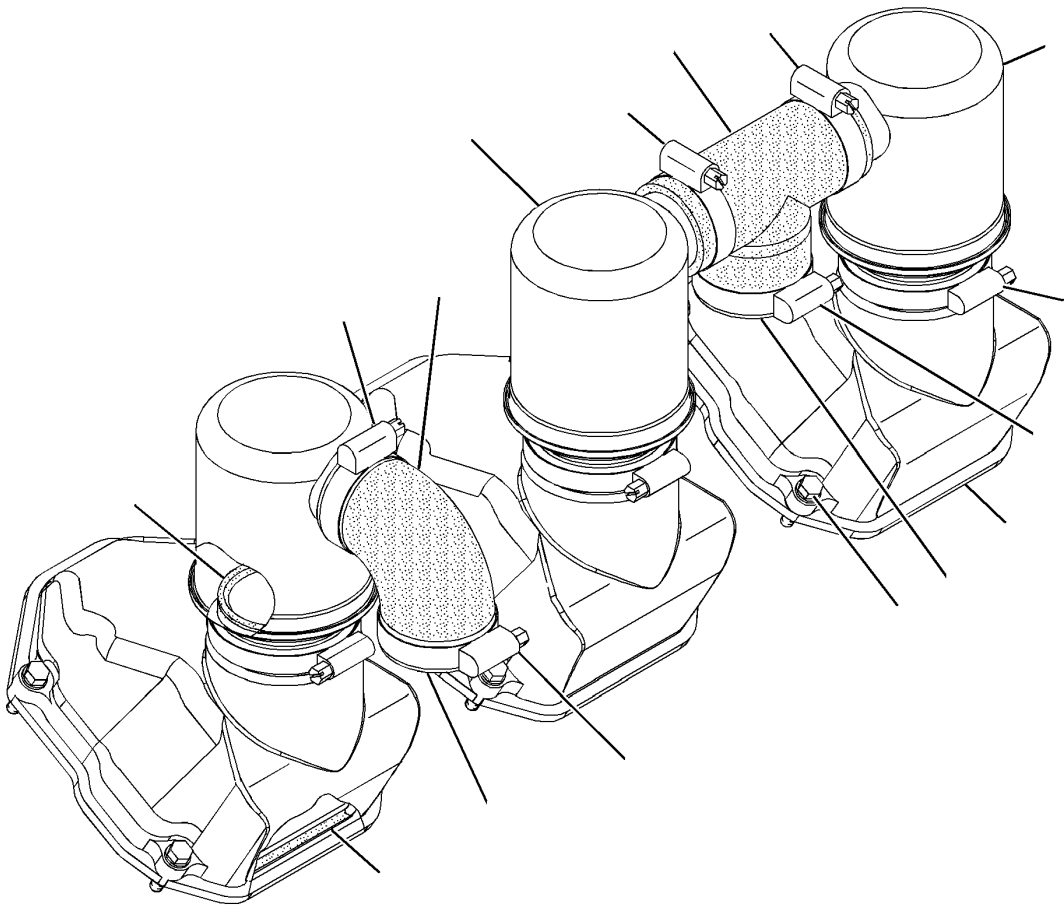
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| Basic engine               |      |
| Basic engine               |      |
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| Electrical and electronics |      |
| Undercarriage              |      |

144-2890 BREATHER GP

144-2890 BREATHER GP S/N 1KZ1-UP

Drawing 1 of 1



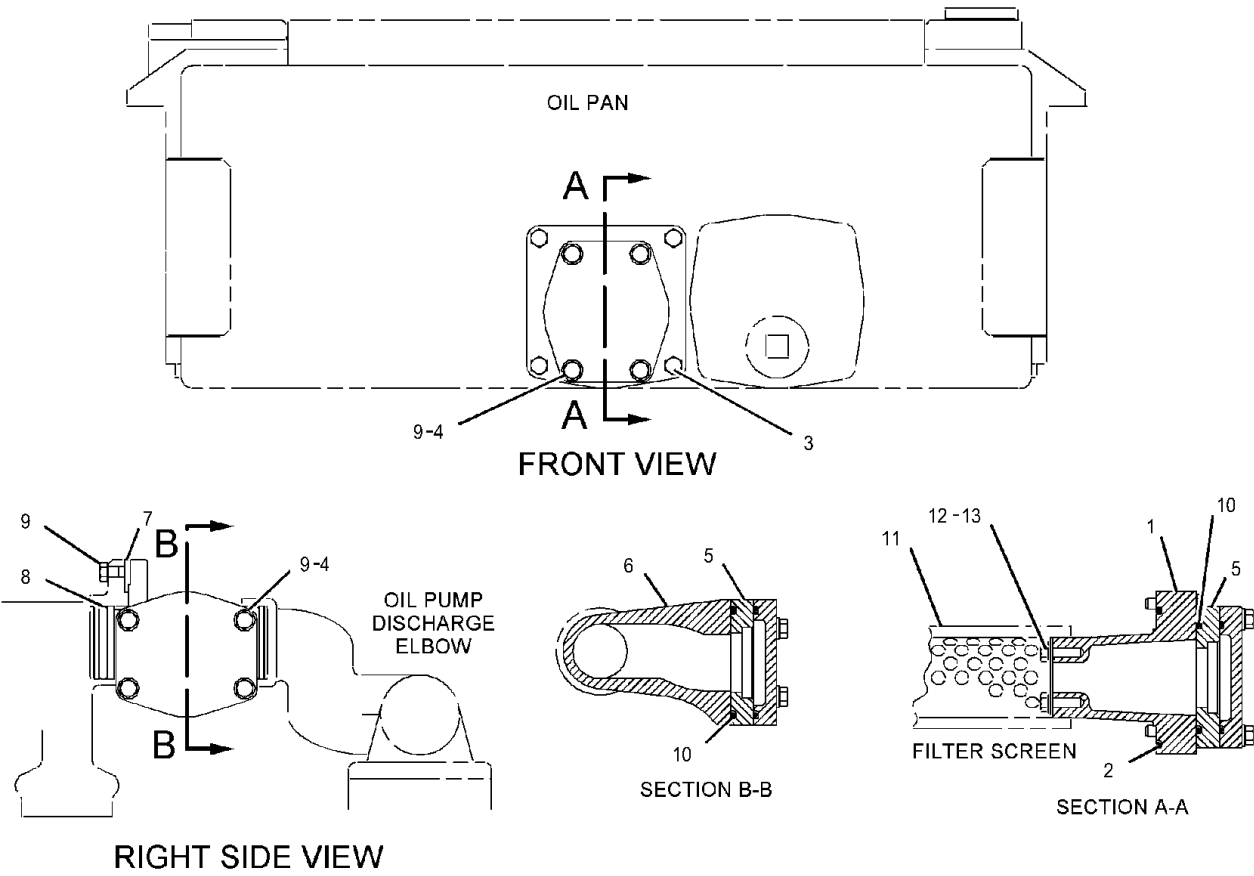
| Ref. | Part number | Description                       | Qty | Code | Group page |
|------|-------------|-----------------------------------|-----|------|------------|
| 1    | 4W-1450     | COVER AS                          | 3   |      |            |
| 2    | 4W-3027     | BREATHER AS (CRANKCASE)           | 3   |      |            |
| 3    | 4W-3034     | CLAMP-HOSE                        | 3   |      |            |
| 4    | 5P-0597     | CLAMP-HOSE                        | 3   |      |            |
| 5    | 141-7143    | HOSE-ELBOW                        | 1   |      |            |
| 6    | 5P-4868     | CLAMP-HOSE                        | 2   |      |            |
| 7    | 272-0757    | SEAL-VALVE COVER (BREATHER COVER) | 3   |      |            |
| 8    | 217-6692    | HOSE-TEE                          | 1   |      |            |
| 9    | 033-6031    | SEAL-O-RING                       | 3   |      |            |
| 10   | 1A-9579     | BOLT (5/16-18X1.5-IN)             | 12  |      |            |
| 11   | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK)     | 12  |      |            |
| 12   | 7N-7820     | BOOT                              | 2   | B    |            |

CAT codes: B.

9Y-4888 CONNECTION GP-OIL

9Y-4888 CONNECTION GP-OIL S/N CMJ1-UP FOR USE WITH 7C-6752, 7C-9938 AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 149-9297    | ADAPTER                            | 1   | C    |            |
| 2    | 5P-8872     | SEAL-O-RING                        | 1   |      |            |
| 3    | 0S-1571     | BOLT (3/8-16X1.75-IN)              | 4   |      |            |
| 4    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 8   |      |            |
| 5    | 7N-5798     | FLANGE                             | 2   |      |            |
| 6    | 7N-5796     | ELBOW-CONNECTOR                    | 1   |      |            |
| 7    | 7G-1239     | SPACER (10.5X19X4.5-MM THK)        | 1   |      |            |
| 8    | 109-2332    | SEAL-O-RING                        | 2   |      |            |
| 9    | 0S-1591     | BOLT (3/8-16X1.5-IN)               | 9   |      |            |
| 10   | 6V-0973     | SEAL-O-RING                        | 2   |      |            |
| 11   | 7C-4716     | SCREEN AS-SUCTION (ENGINE OIL PAN) | 1   |      |            |
| 12   | 0S-1614     | BOLT (1/4-20X0.5-IN)               | 2   |      |            |
| 13   | 5P-0537     | WASHER-HARD (7.2X14.5X2-MM THK)    | 2   |      |            |

CAT codes: C.

7N-1875 FILLER GP-ENGINE OIL

7N-1875 FILLER GP-ENGINE OIL S/N 1KZ1-UP

Drawing 1 of 1

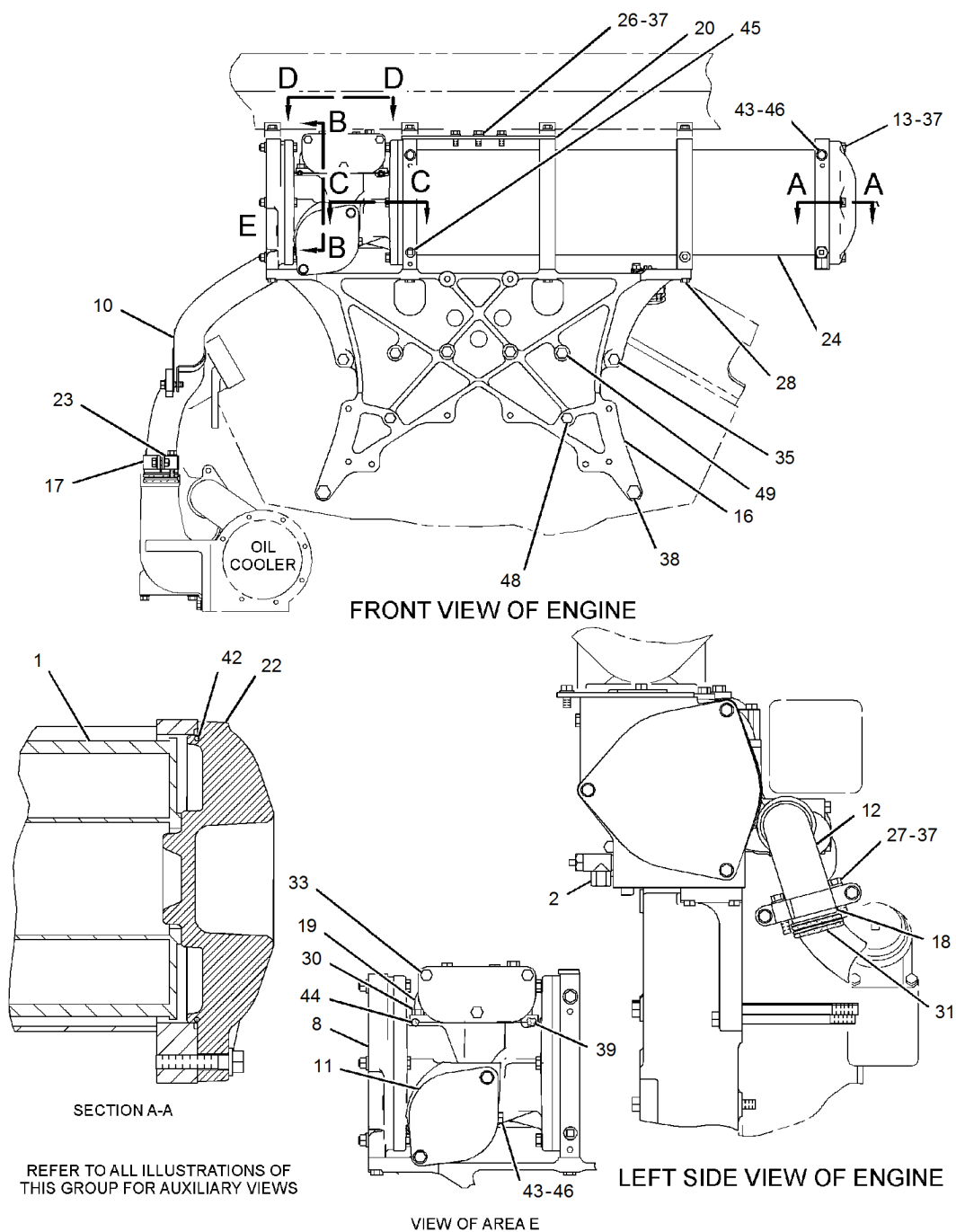


| Ref. | Part number | Description                           | Qty | Code | Group page |
|------|-------------|---------------------------------------|-----|------|------------|
| 1    | 7L-4447     | CAP AS-ENGINE OIL FILLER              | 1   |      |            |
| 2    | 7N-5336     | ELBOW-OIL FILLER                      | 1   |      |            |
| 3    | 0S-1588     | BOLT (3/8-16X1.25-IN)                 | 4   |      |            |
| 4    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)    | 4   |      |            |
| 5    | 2W-0752     | GASKET                                | 1   |      |            |
| 6    | 5P-1175     | FILM-IDENTIFICATION (ENGINE OIL FILL) | 1   |      |            |

# 115-7841 FILTER GP-ENGINE OIL -LH

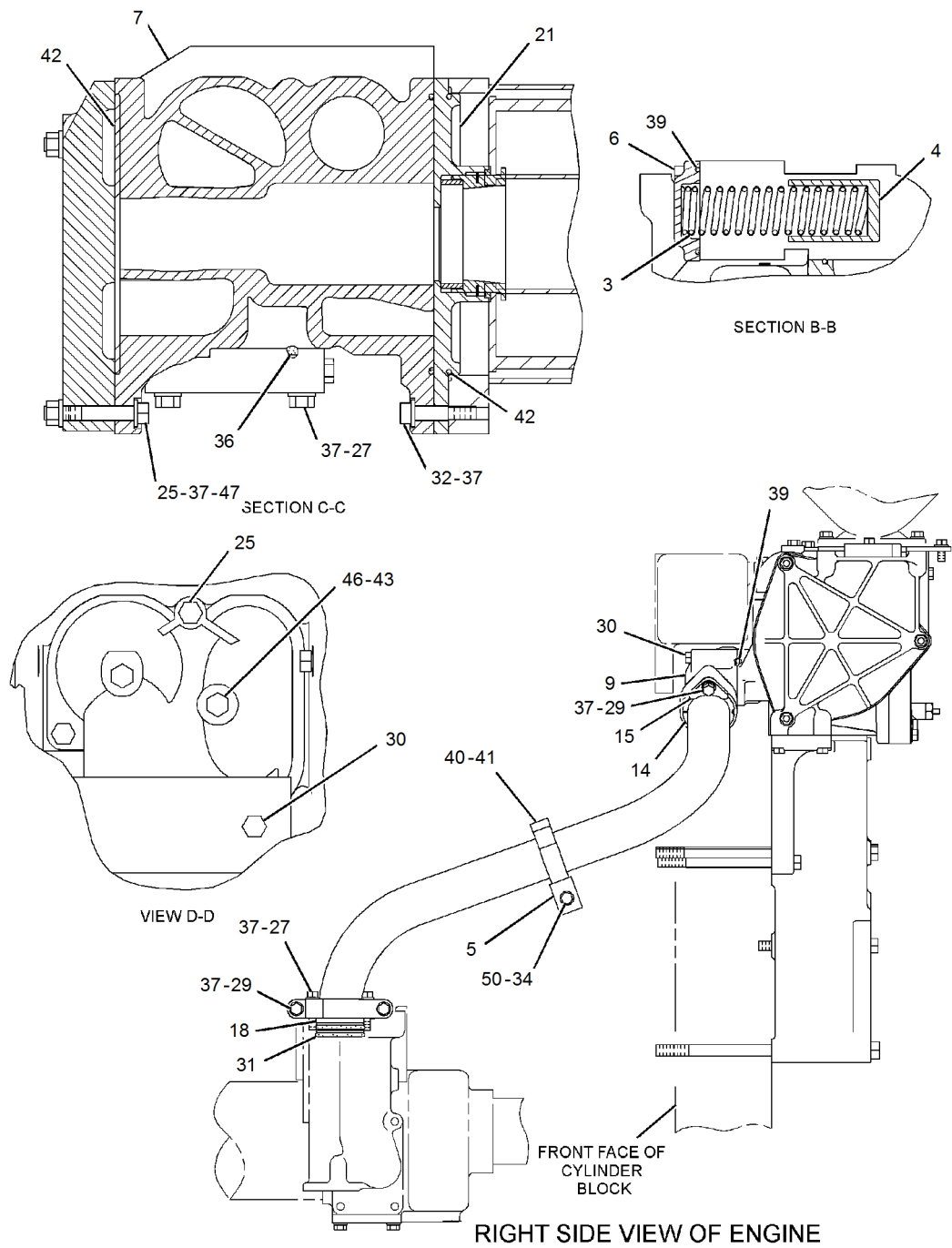
115-7841 FILTER GP-ENGINE OIL -LH S/N CMJ1-UP Type 1 AN ATTACHMENT

Drawing 1 of 2



115-7841 FILTER GP-ENGINE OIL -LH (continued)

Drawing 2 of 2



| Ref. | Part number | Description                                        | Qty | Code | Group page |
|------|-------------|----------------------------------------------------|-----|------|------------|
| 1    | 1R-0726     | FILTER ELEMENT AS-ENGINE OIL (STANDARD EFFICIENCY) | 3   |      |            |
| 2    | 2S-5100     | VALVE-MANUAL                                       | 1   |      |            |
| 3    | 2W-1635     | SPRING                                             | 1   |      |            |
| 4    | 2W-1969     | VALVE-BYPASS (OIL COOLER)                          | 1   | C    |            |
| 5    | 3H-7131     | LUG                                                | 1   | B    |            |
| 6    | 4W-5592     | COVER                                              | 1   | C    |            |

## 115-7841 FILTER GP-ENGINE OIL -LH (continued)

| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 7    | 4W-6387     | HOUSING AS (BYPASS)                | 1   | C    |            |
|      | 7N-2043     | DOWEL                              | 3   |      |            |
| 8    | 4W-6491     | SUPPORT-HOUSING                    | 1   |      |            |
| 9    | 4W-6492     | ADAPTER                            | 1   | C    |            |
| 10   | 4W-7192     | TUBE                               | 1   |      |            |
| 11   | 4W-8459     | COVER                              | 1   | C    |            |
| 12   | 4W-8467     | TUBE                               | 1   |      |            |
| 13   | 7F-0192     | BOLT (3/8-16X2-IN)                 | 3   |      |            |
| 14   | 8N-1991     | RING-RETAINING                     | 1   |      |            |
| 15   | 8N-1992     | RETAINER                           | 2   |      |            |
| 16   | 8N-9482     | SUPPORT-OIL FILTER                 | 1   |      |            |
| 17   | 100-8075    | CLAMP AS                           | 2   |      |            |
| 18   | 111-3820    | RING-RETAINING                     | 2   |      |            |
| 19   | 111-8639    | COVER-BYPASS VALVE                 | 1   | C    |            |
| 20   | 133-9313    | PLATE                              | 1   |      |            |
| 21   | 155-1690    | ADAPTER AS                         | 1   | C    |            |
|      | 154-1581    | RING-RETAINING                     | 1   |      |            |
| 22   | 157-0443    | COVER AS                           | 1   | C    |            |
|      | 7N-2043     | DOWEL                              | 1   |      |            |
| 23   | 264-0450    | CLAMP AS                           | 2   |      |            |
| 24   | 278-1082    | HOUSING AS-FILTER (ENGINE OIL)     | 1   | C    |            |
|      | 4V-7412     | BOSS (3/8-16-THD)                  | 1   |      |            |
| 25   | 0L-1143     | BOLT (3/8-16X2.5-IN)               | 4   | C    |            |
| 26   | 0L-1351     | BOLT (3/8-16X0.875-IN)             | 3   |      |            |
| 27   | 0S-1571     | BOLT (3/8-16X1.75-IN)              | 6   |      |            |
| 28   | 0S-1588     | BOLT (3/8-16X1.25-IN)              | 8   |      |            |
| 29   | 0S-1594     | BOLT (3/8-16X1-IN)                 | 6   | C    |            |
| 30   | 0S-1619     | BOLT (3/8-16X3-IN)                 | 5   | C    |            |
| 31   | 109-2332    | SEAL-O-RING                        | 4   |      |            |
| 32   | 165-3931    | BOLT (3/8-16X1.75-IN)              | 3   |      |            |
| 33   | 1M-0644     | BOLT (3/8-16X2.25-IN)              | 3   | C    |            |
| 34   | 3B-1915     | BOLT (3/8-16X1.375-IN)             | 1   | B    |            |
| 35   | 4S-5882     | BOLT (1/2-13X7.25-IN)              | 2   |      |            |
| 36   | 5D-5957     | SEAL-O-RING                        | 1   |      |            |
| 37   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 27  |      |            |
| 38   | 5P-4624     | BOLT (3/4-10X11.5-IN)              | 2   |      |            |

115-7841 FILTER GP-ENGINE OIL -LH (continued)

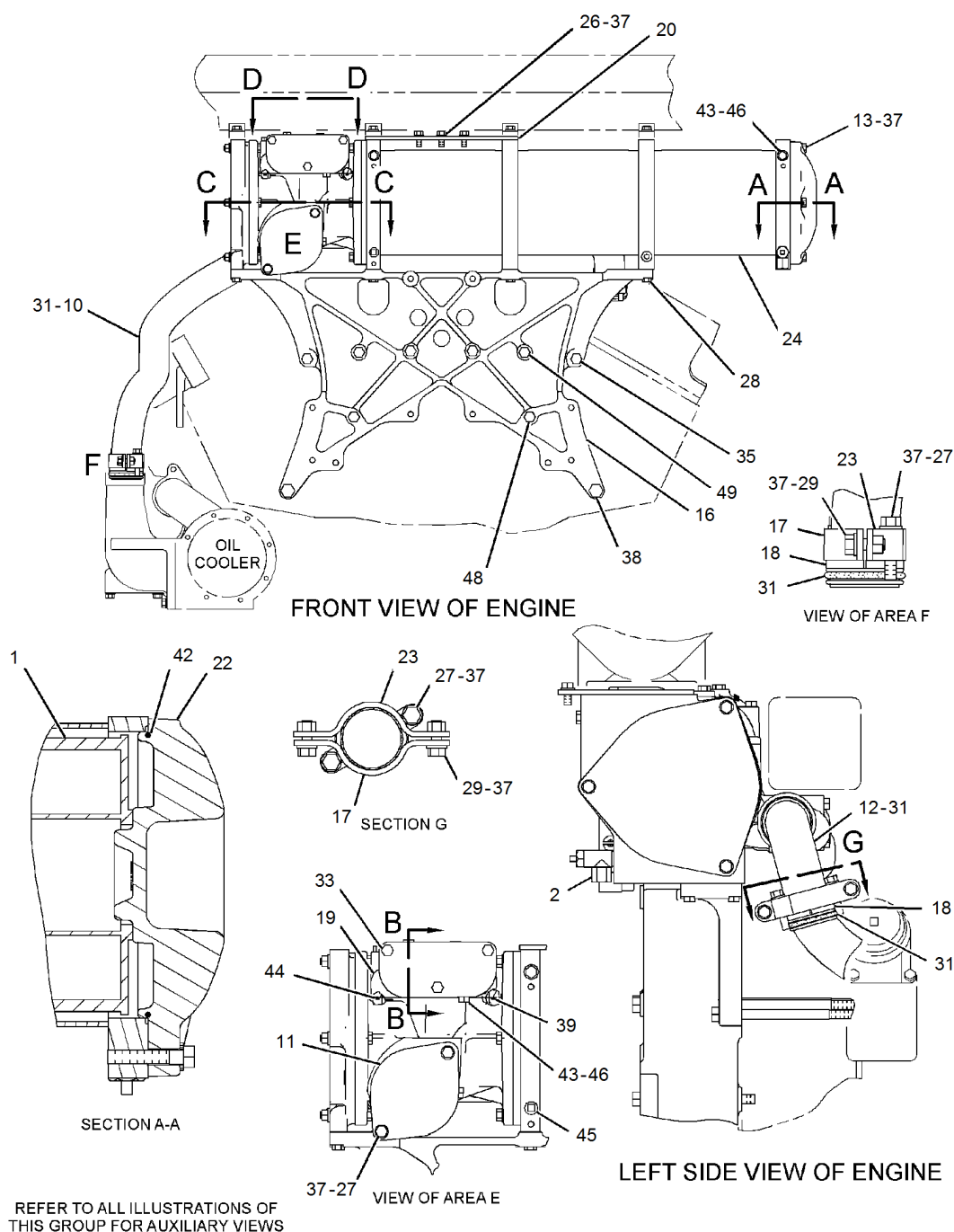
| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 39   | 5P-4892     | SEAL-O-RING                        | 6   | C    |            |
| 40   | 6V-0267     | CLIP (TAB)                         | 1   | B    |            |
| 41   | 6V-0268     | CLIP (SLOT)                        | 1   | B    |            |
| 42   | 6V-3907     | SEAL-O-RING                        | 4   |      |            |
| 43   | 6V-5048     | SEAL-O-RING                        | 6   | C    |            |
| 44   | 6V-8001     | SEAL-O-RING                        | 1   | C    |            |
| 45   | 8T-6762     | PLUG-PIPE (1/2-14-THD)             | 1   |      |            |
| 46   | 9S-4182     | PLUG (7/16-20-THD)                 | 6   | C    |            |
| 47   | 9S-8752     | NUT-FULL (3/8-16-THD)              | 3   |      |            |
| 48   | 1D-4574     | BOLT (1/2-13X6-IN)                 | 2   | B    |            |
| 49   | 5P-5421     | BOLT (1/2-13X11.5-IN)              | 4   | B    |            |
| 50   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 1   | B    |            |

CAT codes: B, C.

# 115-7841 FILTER GP-ENGINE OIL -LH

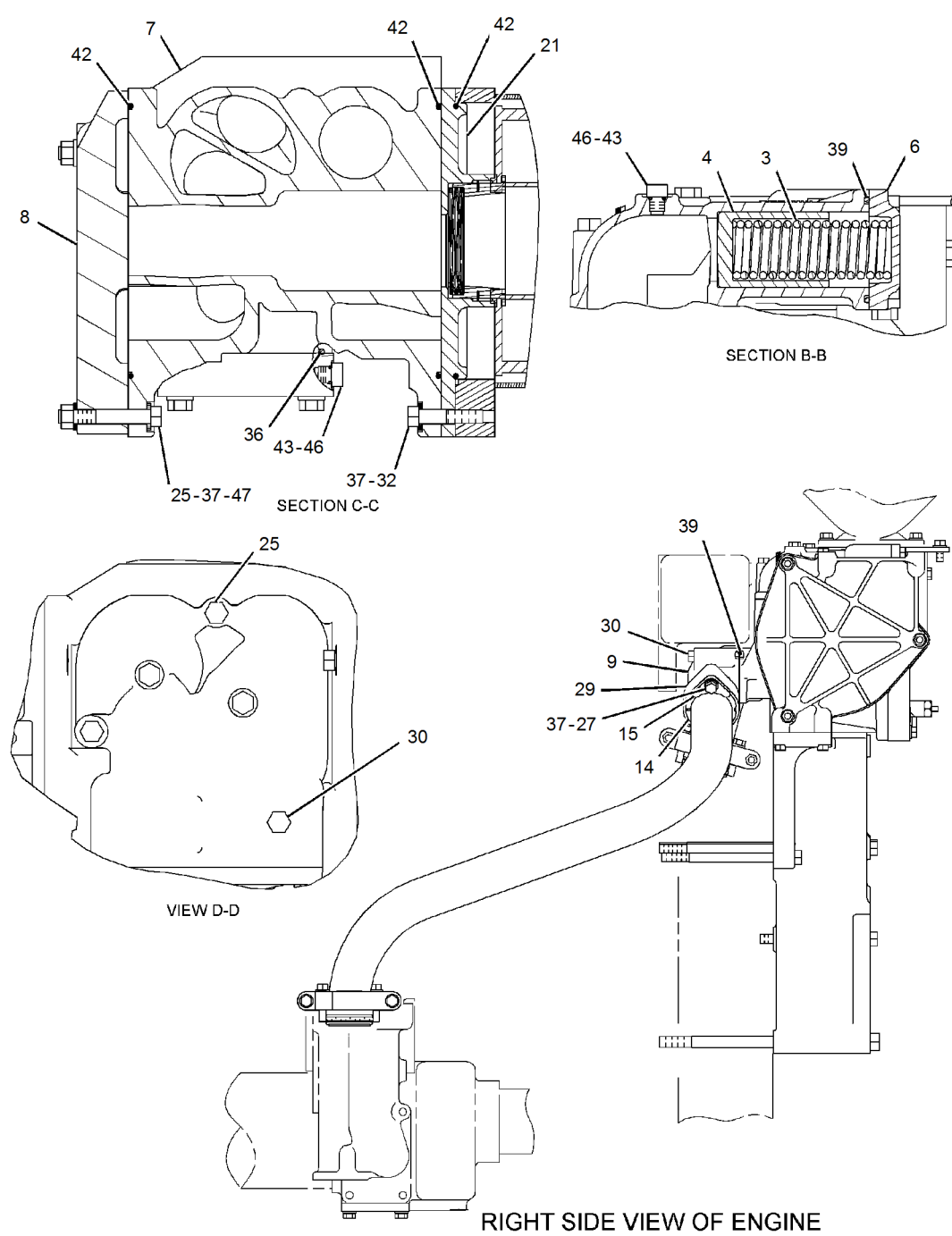
115-7841 FILTER GP-ENGINE OIL -LH S/N CMJ1-UP Type 2 AN ATTACHMENT

Drawing 1 of 2



115-7841 FILTER GP-ENGINE OIL -LH (continued)

Drawing 2 of 2



| Ref. | Part number | Description                                        | Qty | Code | Group |
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| 1    | 1R-0726     | FILTER ELEMENT AS-ENGINE OIL (STANDARD EFFICIENCY) | 3   |      |       |
| 2    | 2S-5100     | VALVE-MANUAL                                       | 1   |      |       |
| 3    | 2W-1635     | SPRING                                             | 1   |      |       |
| 4    | 2W-1969     | VALVE-BYPASS (OIL COOLER)                          | 1   |      |       |
| 6    | 4W-5592     | COVER                                              | 1   |      |       |
| 7    | 4W-6387     | HOUSING AS (BYPASS)                                | 1   |      |       |

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