

# CATERPILLAR 3516

4XF / SEBP1783

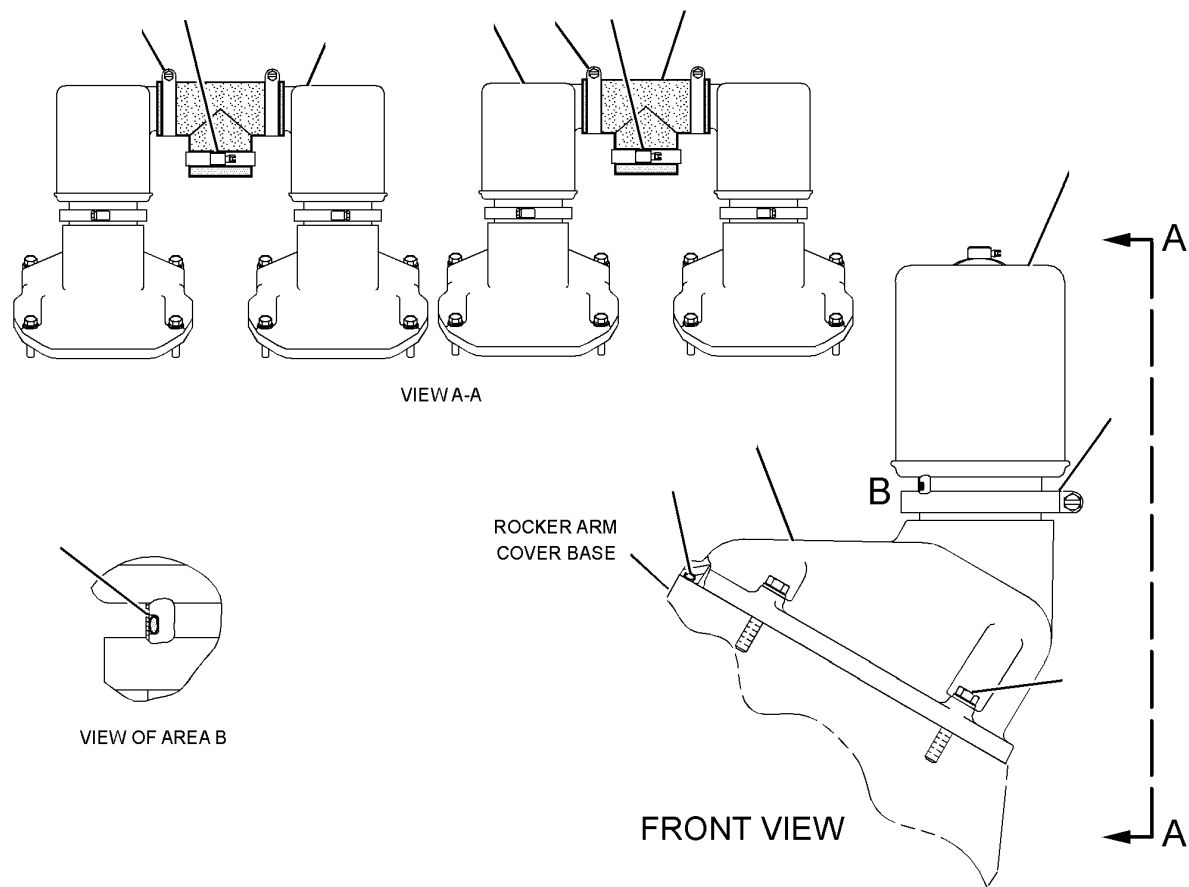
## Contents

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

144-5688 BREATHER GP

144-5688 BREATHER GP S/N 4XF671-UP

Drawing 1 of 1

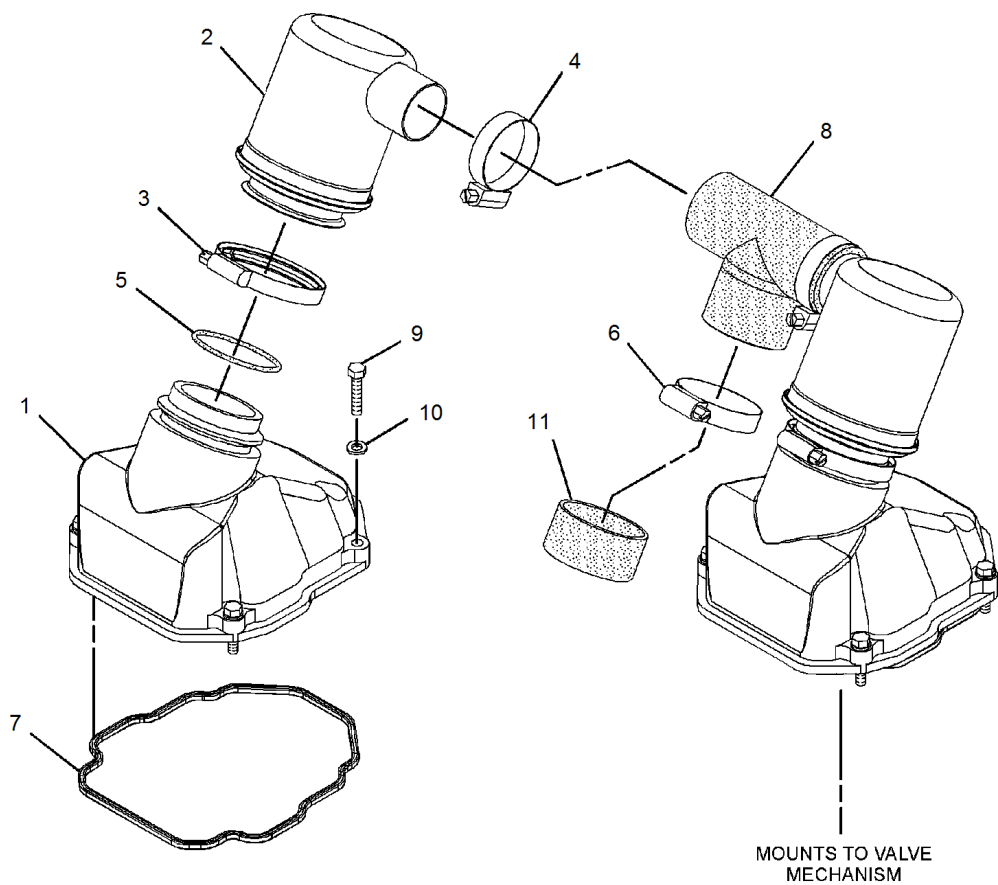


| Ref. | Part number | Description                       | Qty | Code | Group page |
|------|-------------|-----------------------------------|-----|------|------------|
| 1    | 4W-1450     | COVER AS                          | 4   |      |            |
| 2    | 4W-3027     | BREATHER AS (CRANKCASE)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

4W-1449 BREATHER GP -CRANKCASE

4W-1449 BREATHER GP -CRANKCASE S/N 4XF1-677

Drawing 1 of 1



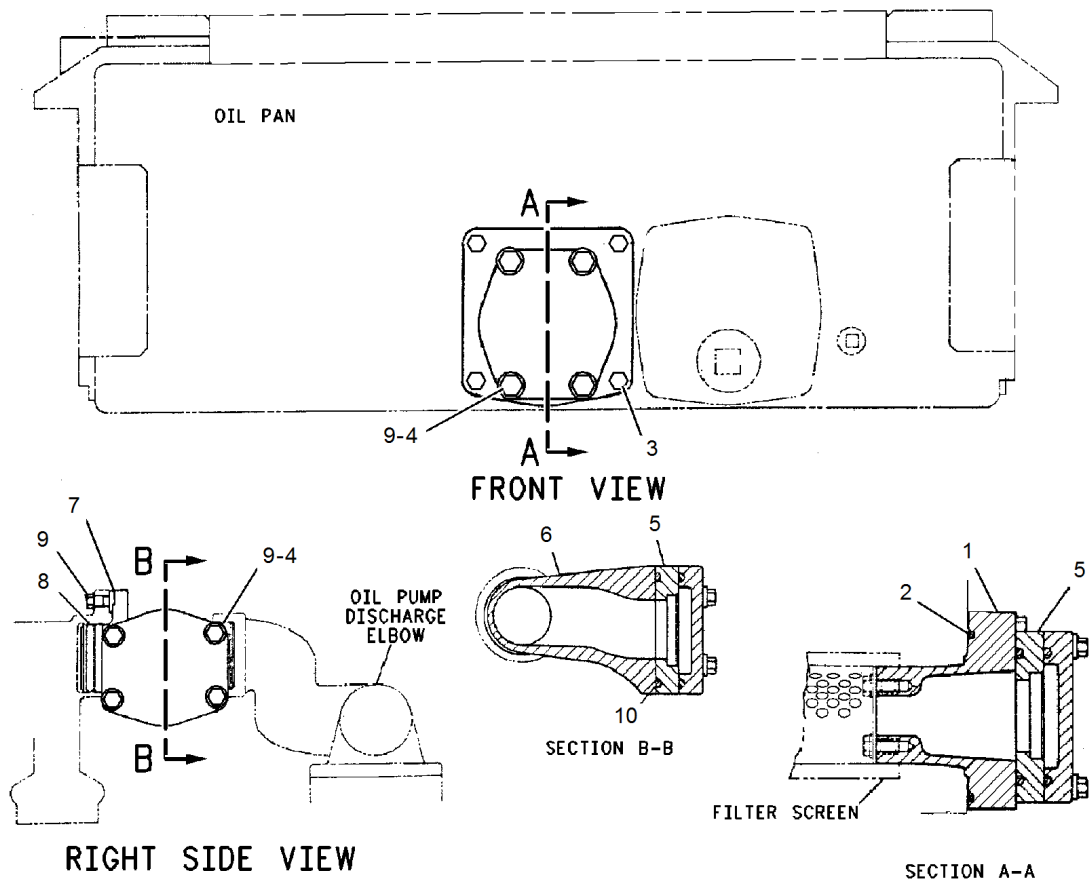
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|------|-------------|-------------------------------|-----|------|------------|
| 1    | 4W-1450     | COVER AS                      | 2   |      |            |
| 2    | 4W-3027     | BREATHER AS (CRANKCASE)       | 2   |      |            |
| 3 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

CAT codes: B.

9Y-4888 CONNECTION GP-OIL

9Y-4888 CONNECTION GP-OIL Type 1 FOR USE WITH 7C-4711 AN ATTACHMENT

Drawing 1 of 1

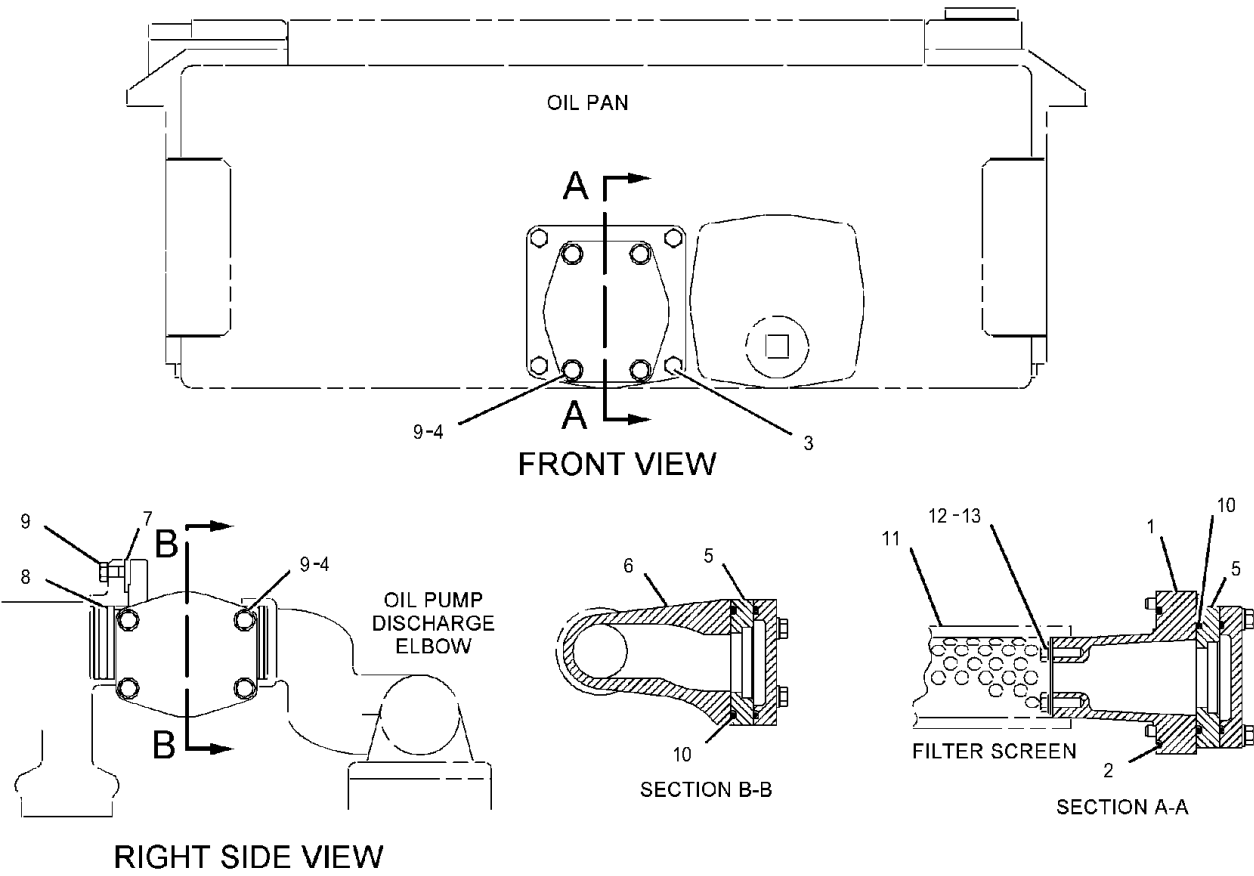


| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 7C-4714     | ADAPTER                            | 1   |      |            |
| 2    | 5P-8872     | SEAL-O-RING                        | 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    | 3P-0649     | SEAL-O-RING                        | 2   |      |            |
| 9    | 0S-1591     | BOLT (3/8-16X1.5-IN)               | 9   |      |            |
| 10   | 6V-0973     | SEAL-O-RING                        | 2   |      |            |

9Y-4888 CONNECTION GP-OIL

9Y-4888 CONNECTION GP-OIL Type 2 FOR USE WITH 7C-4711 AN ATTACHMENT

Drawing 1 of 1



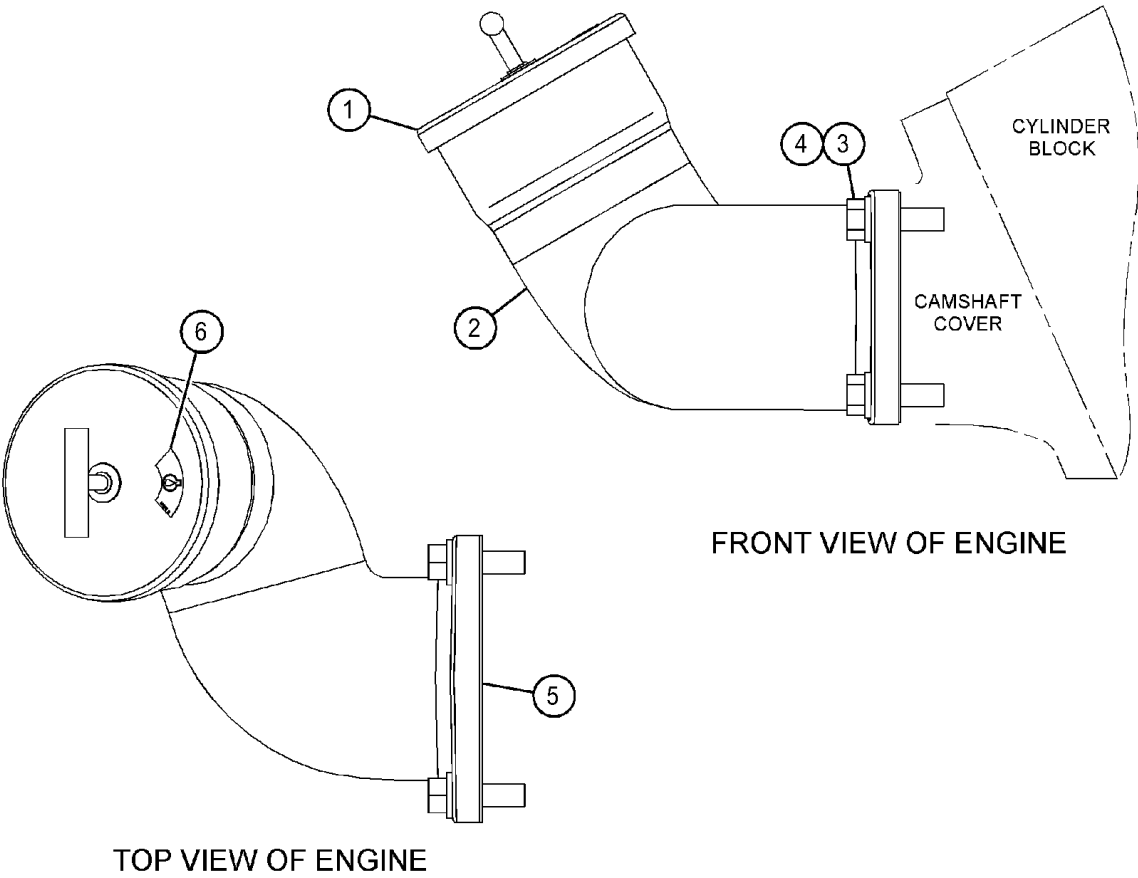
| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 149-9297    | ADAPTER                            | 1   | C    |            |
| 2    | 5P-8872     | SEAL-O-RING                        | 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

Drawing 1 of 1

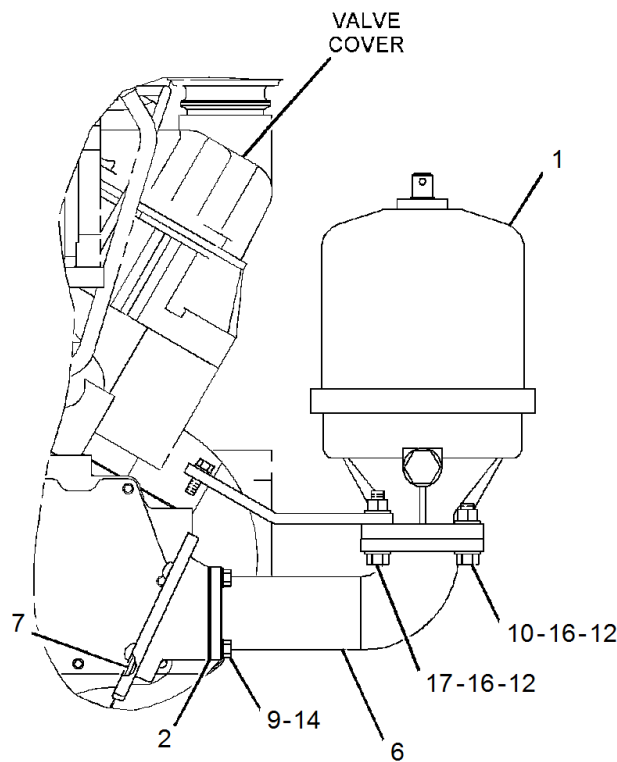


| Ref. | Part number | Description                           | Qty | Code | Group page |
|------|-------------|---------------------------------------|-----|------|------------|
| 1    | 7L-4447     | CAP AS-ENGINE OIL FILLER              | 1   |      |            |
| 2    | 7N-5336     | ELBOW-OIL FILLER                      | 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   |      |            |

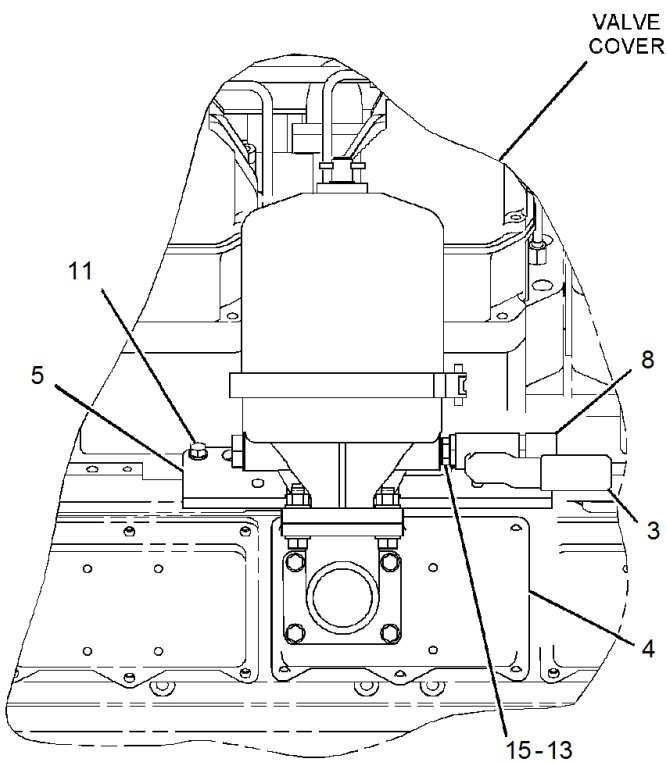
133-6461 FILTER GP-CENTRIFUGAL

133-6461 FILTER GP-CENTRIFUGAL AN ATTACHMENT

Drawing 1 of 1



FRONT VIEW OF ENGINE



LEFT SIDE VIEW OF ENGINE

| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 1W-4191     | FILTER GP-CENTRIFUGAL              | 1   | Y    |            |
| 2    | 2W-0752     | GASKET                             | 1   |      |            |
| 3    | 4R-8658     | VALVE AS-MANUAL                    | 1   |      |            |
| 4    | 8N-9993     | COVER-CAMSHAFT                     | 1   |      |            |
| 5    | 118-5542    | SUPPORT                            | 1   |      |            |
| 6    | 123-6868    | ELBOW                              | 1   |      |            |
| 7    | 272-0758    | SEAL                               | 1   |      |            |
| 8    | 032-1269    | ELBOW                              | 1   |      |            |
| 9    | 0S-1588     | BOLT (3/8-16X1.25-IN)              | 4   |      |            |
| 10   | 1A-1460     | BOLT (1/2-13X2-IN)                 | 2   |      |            |
| 11   | 1A-2029     | BOLT (3/8-16X1.125-IN)             | 4   |      |            |
| 12   | 1F-7958     | NUT-FULL (1/2-13-THD)              | 4   |      |            |
| 13   | 2M-9780     | SEAL-O-RING                        | 1   |      |            |
| 14   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 8   |      |            |

133-6461 FILTER GP-CENTRIFUGAL (continued)

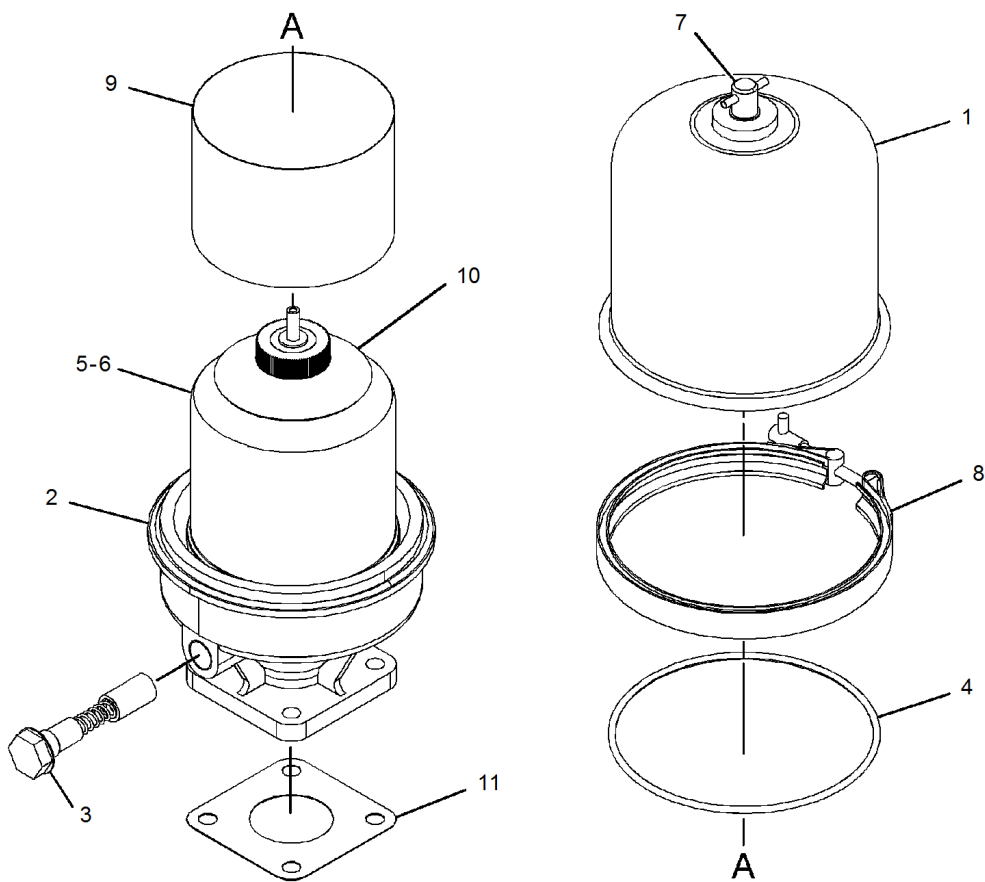
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 15   | 5P-5877     | CONNECTOR                        | 1   |      |            |
| 16   | 5P-8245     | WASHER-HARD (13.5X25.5X3-MM THK) | 8   |      |            |
| 17   | 9S-1366     | BOLT (1/2-13X2.5-IN)             | 2   |      |            |

CAT codes: Y.

1W-4191 FILTER GP-CENTRIFUGAL

1W-4191 FILTER GP-CENTRIFUGAL PART OF 133-6461 FILTER GP-CENTRIFUGAL AN ATTACHMENT

Drawing 1 of 1

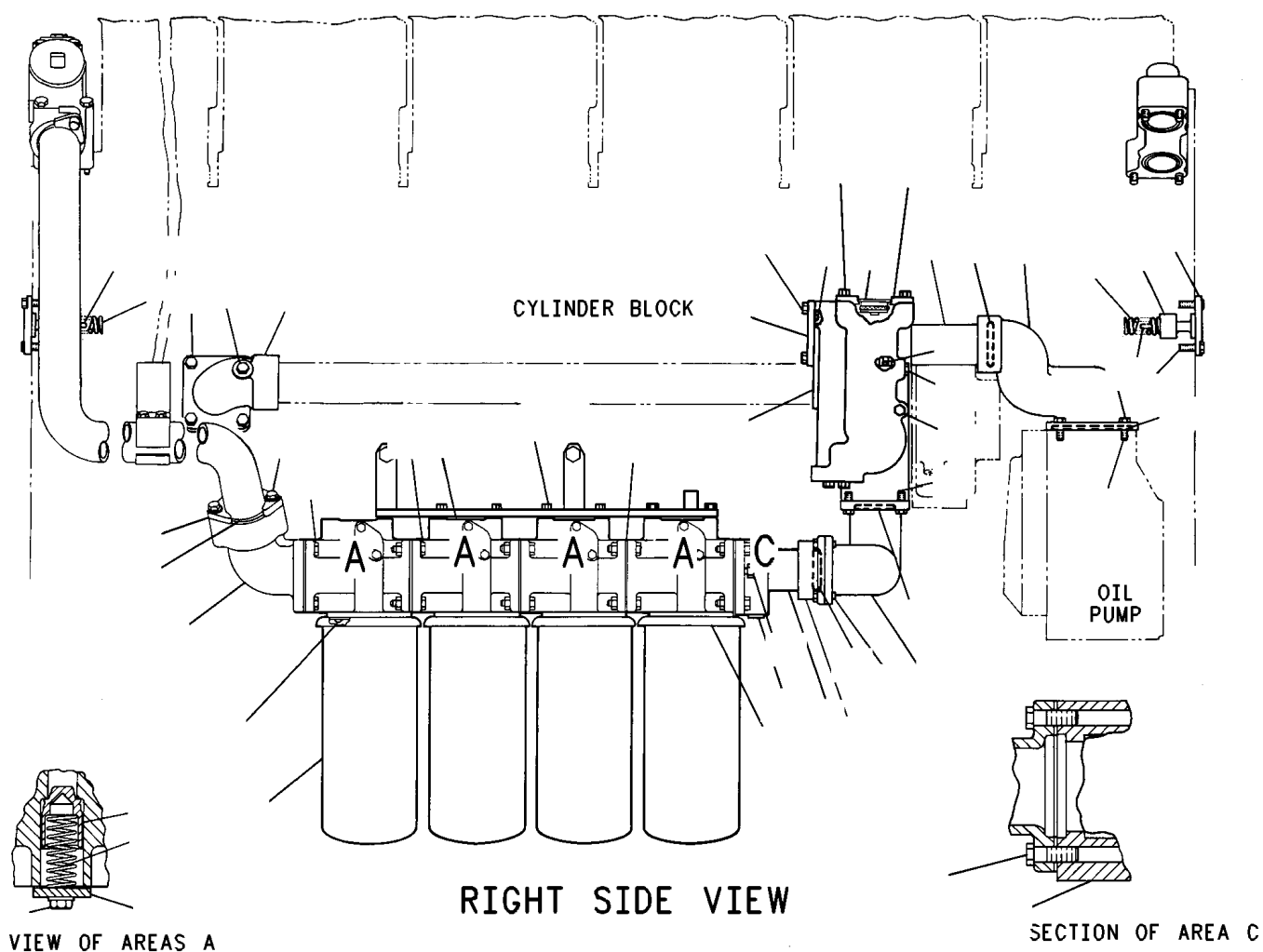


| Ref.                                      | Part number | Description                        | Qty | Code | Group page |
|-------------------------------------------|-------------|------------------------------------|-----|------|------------|
| 1                                         | 7C-4415     | COVER AS-FILTER                    | 1   |      |            |
| 2                                         | 7C-4416     | BODY-FILTER                        | 1   |      |            |
| 3                                         | 7C-4417     | KIT-VALVE CUTOFF (OIL FILTER)      | 1   |      |            |
| (INCLUDES SHUTTLE, PLUG, SPRING & WASHER) |             |                                    |     |      |            |
| 4                                         | 6V-3349     | SEAL-O-RING                        | 1   |      |            |
| 5                                         | 7C-4420     | ROTOR AS                           | 1   |      |            |
| 6                                         | 7C-4421     | SEAL-O-RING                        | 1   |      |            |
| 7                                         | 7C-4422     | KIT-COVER-FILTER (OIL FILTER)      | 1   |      |            |
| (INCLUDES COVER, PIN, SEAL & CLIP)        |             |                                    |     |      |            |
| 8                                         | 7C-4423     | CLAMP                              | 1   |      |            |
| 9                                         | 7C-8390     | LINER-ROTOR (CENTRIFUGAL FILTER)   | 1   |      |            |
| 10                                        | 168-6357    | PLATE-STIFFENER                    | 1   |      |            |
| 11                                        | 7C-5485     | GASKET-FLANGE (CENTRIFUGAL FILTER) | 1   |      |            |

## 9Y-1156 FILTER GP-ENGINE OIL

9Y-1156 FILTER GP-ENGINE OIL S/N 4XF1-533

Drawing 1 of 2



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