

# CATERPILLAR 3508B

EMG / SEBP6737

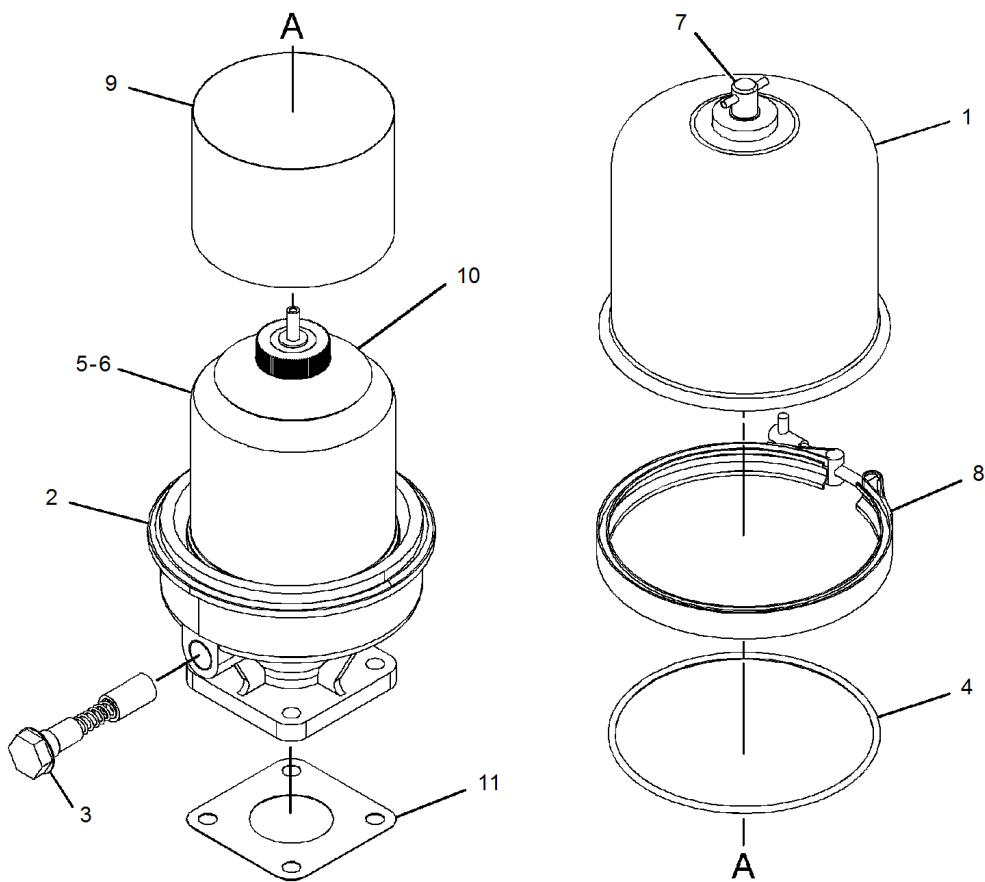
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| Cooling system             |      |
| Fuel system                |      |
| Electrical and electronics |      |
| Basic engine               |      |
| Basic engine               |      |
| Electrical and electronics |      |

1W-4191 FILTER GP-CENTRIFUGAL

1W-4191 FILTER GP-CENTRIFUGAL PART OF 481-7831 FILTER GP-CENTRIFUGAL AN ATTACHMENT

Drawing 1 of 1

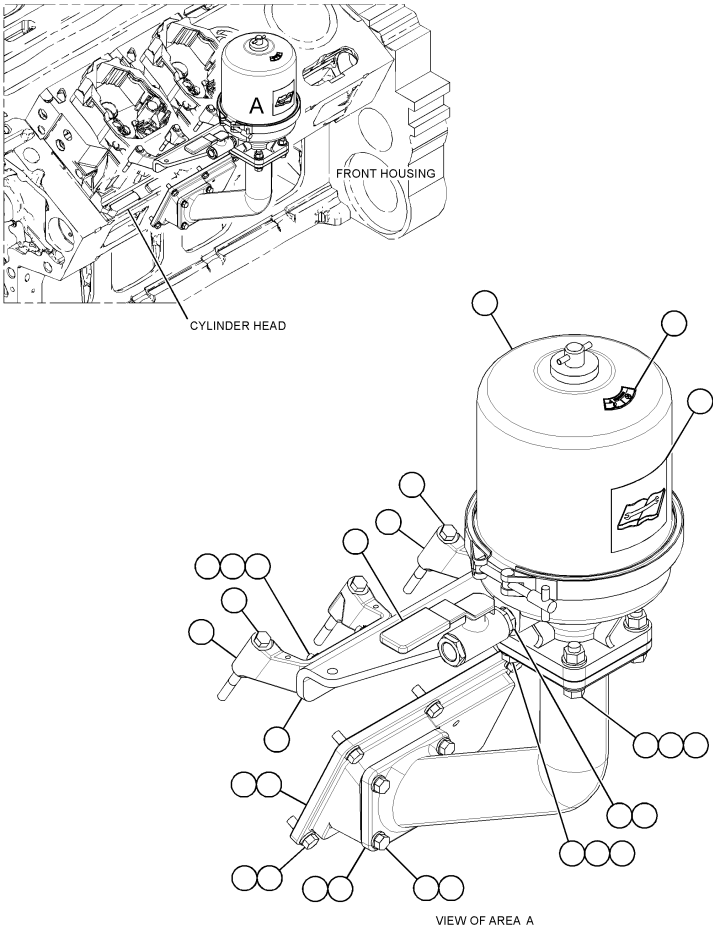


| Ref.                                      | Part number | Description                        | Qty | Code | Group page |
|-------------------------------------------|-------------|------------------------------------|-----|------|------------|
| 1                                         | 7C-4415     | 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   |      |            |

481-7831 FILTER GP-CENTRIFUGAL

481-7831 FILTER GP-CENTRIFUGAL FOR USE WITH CYLINDER 5 AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                                 | Qty | Code | Group page |
|------|-------------|---------------------------------------------|-----|------|------------|
| 1    | 1W-4191     | FILTER GP-CENTRIFUGAL                       | 1   | Y    |            |
| 2    | 1W-8129     | SUPPORT                                     | 2   |      |            |
| 3    | 2W-0752     | GASKET                                      | 1   |      |            |
| 4    | 4R-8658     | VALVE AS-MANUAL                             | 1   |      |            |
| 5    | 8N-9993     | COVER-CAMSHAFT                              | 1   |      |            |
| 6    | 471-9516    | ELBOW                                       | 1   |      |            |
| 7    | 243-1289    | SUPPORT                                     | 1   |      |            |
| 8    | 272-0758    | SEAL                                        | 1   |      |            |
| 9    | 336-0733    | FILM-WARNING (HIGH PRSSURE SPRAY, READ OMM) | 1   |      |            |
| 10   | 0S-1588     | BOLT (3/8-16X1.25-IN)                       | 4   |      |            |
| 11   | 165-3929    | BOLT (3/8-16X1.5-IN)                        | 4   |      |            |
| 12   | 1A-1460     | BOLT (1/2-13X2-IN)                          | 2   |      |            |
| 13   | 1A-2029     | BOLT (3/8-16X1.125-IN)                      | 6   |      |            |
| 14   | 1A-5964     | BOLT (3/8-16X4.5-IN)                        | 4   |      |            |
| 15   | 1F-7958     | NUT-FULL (1/2-13-THD)                       | 4   |      |            |

481-7831 FILTER GP-CENTRIFUGAL (continued)

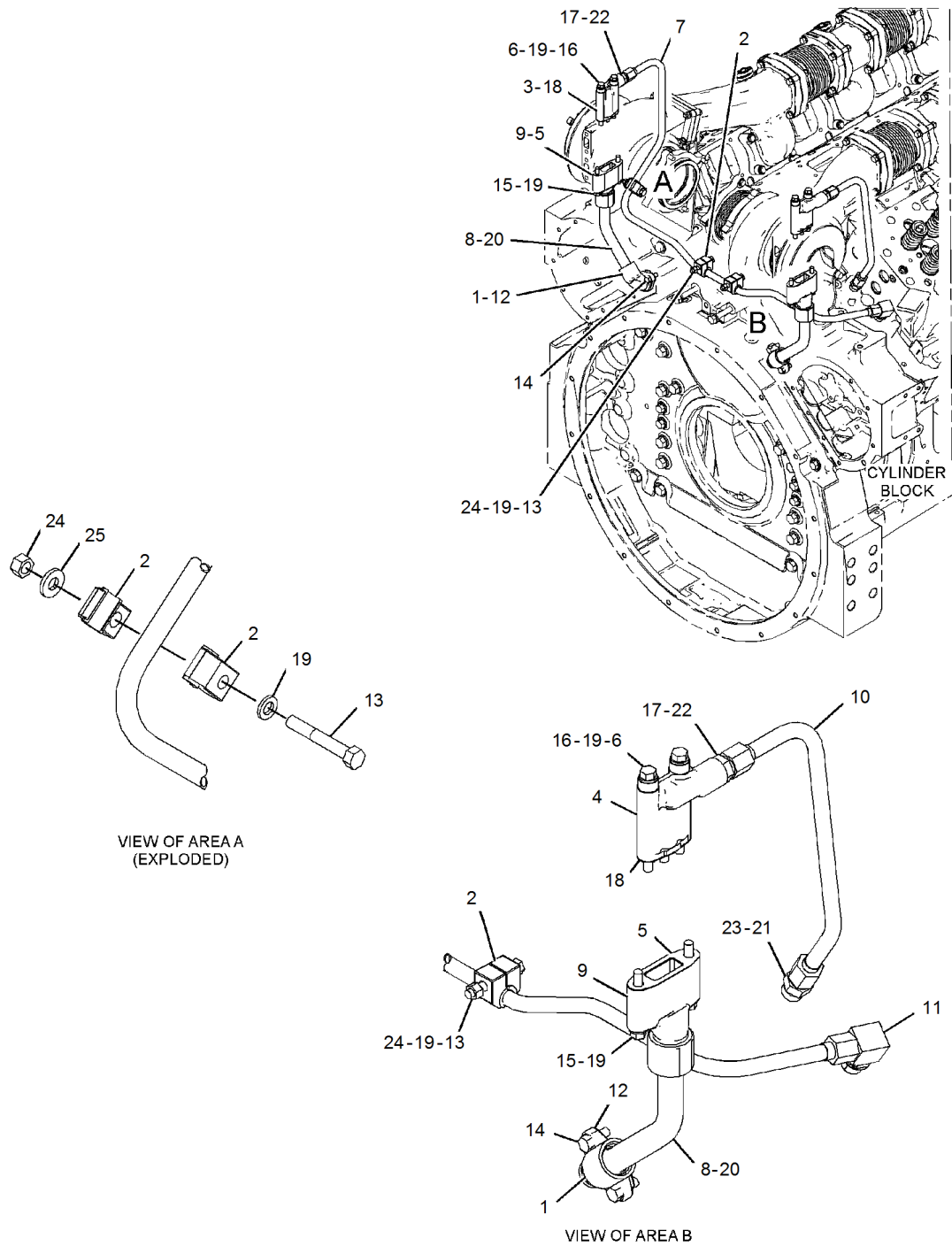
| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 16   | 2M-9780     | SEAL-O-RING                        | 1   |      |            |
| 17   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 14  |      |            |
| 18   | 5P-5877     | CONNECTOR                          | 1   |      |            |
| 19   | 5P-8245     | WASHER-HARD (13.5X25.5X3-MM THK)   | 8   |      |            |
| 20   | 9S-1366     | BOLT (1/2-13X2.5-IN)               | 2   |      |            |
| 21   | 9S-8752     | NUT-FULL (3/8-16-THD)              | 4   |      |            |
| 22   | 193-7154    | FILM-INSTRUCTION (READ MANUAL)     | 1   |      |            |

CAT codes: Y.

381-4823 LINES GP-TURBOCHARGER OIL

381-4823 LINES GP-TURBOCHARGER OIL Type 1

Drawing 1 of 1



| Ref.            | Part number | Description              | Qty | Code | Group page |
|-----------------|-------------|--------------------------|-----|------|------------|
| 1               | 1W-7214     | ELBOW-DRAIN              | 2   |      |            |
| 2               | 4P-0692     | CLAMP AS                 | 6   |      |            |
| (EACH INCLUDES) |             |                          |     |      |            |
|                 | 108-1434    | GROMMET                  | 1   |      |            |
| 3               | 6I-0804     | ADAPTER-TURBOCHARGER OIL | 1   |      |            |

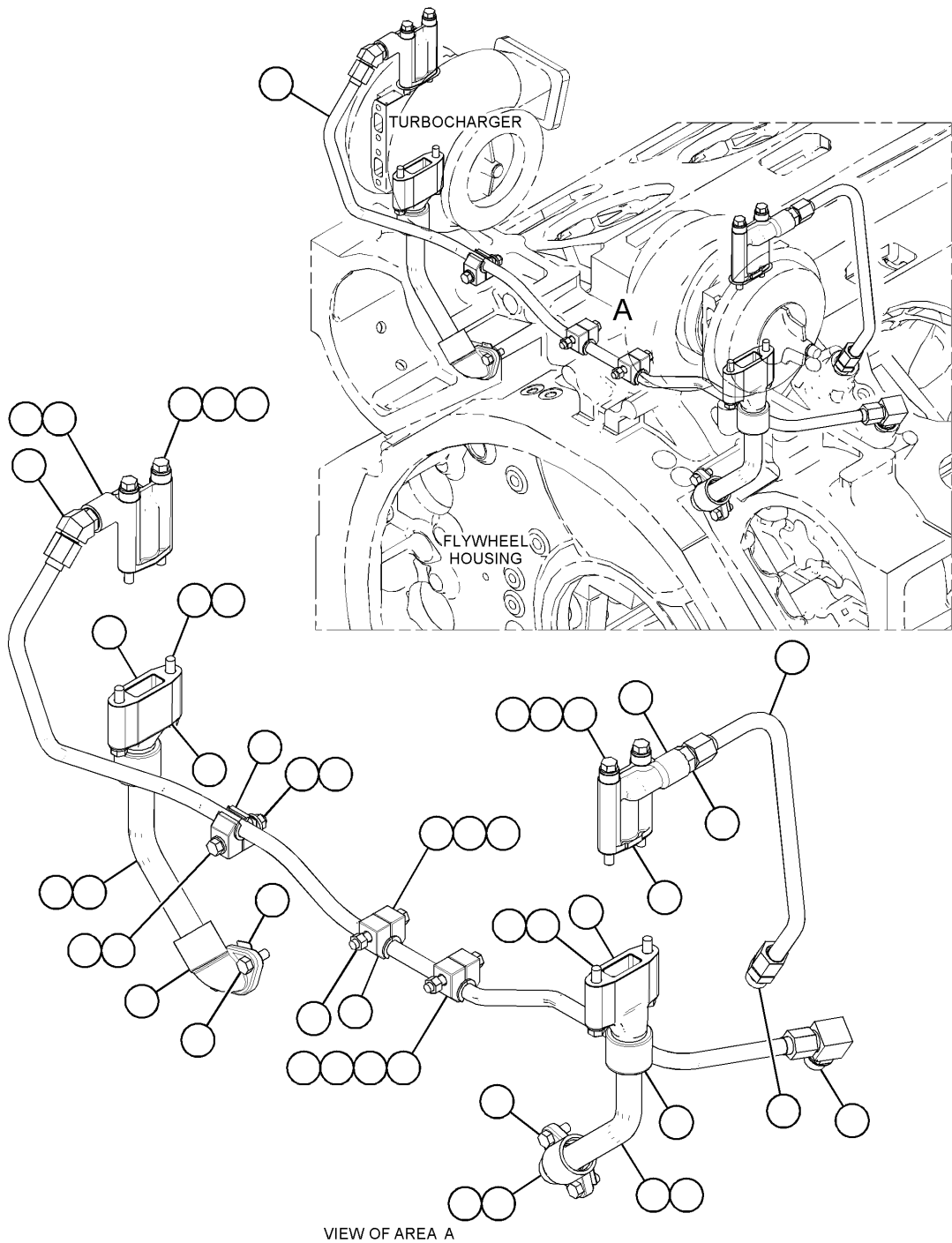
**381-4823 LINES GP-TURBOCHARGER OIL** (continued)

| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 4    | 6I-0805     | ADAPTER-TURBOCHARGER OIL           | 1   |      |            |
| 5    | 7N-7559     | GASKET                             | 2   |      |            |
| 6    | 7W-6333     | SPACER (10.5X20X10.7-MM THK)       | 4   |      |            |
| 7    | 113-4642    | TUBE AS                            | 1   |      |            |
| 8    | 113-4646    | TUBE AS                            | 2   |      |            |
| 9    | 113-4648    | ELBOW                              | 2   |      |            |
| 10   | 130-2602    | TUBE AS                            | 1   |      |            |
| 11   | 250-1498    | ELBOW AS                           | 1   |      |            |
|      | 6V-4589     | SEAL-O-RING                        | 1   |      |            |
|      | 250-1497    | ELBOW                              | 1   |      |            |
| 12   | 252-8374    | GASKET                             | 2   |      |            |
| 13   | 0L-1143     | BOLT (3/8-16X2.5-IN)               | 3   |      |            |
| 14   | 0S-1594     | BOLT (3/8-16X1-IN)                 | 4   |      |            |
| 15   | 0T-0573     | BOLT (3/8-16X2.75-IN)              | 4   |      |            |
| 16   | 1A-5964     | BOLT (3/8-16X4.5-IN)               | 4   |      |            |
| 17   | 2P-7636     | CONNECTOR (3/4-16 STR-THD)         | 2   |      |            |
| 18   | 4P-4460     | GASKET                             | 2   |      |            |
| 19   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 11  |      |            |
| 20   | 5P-9890     | SEAL-O-RING                        | 4   |      |            |
| 21   | 6V-4589     | SEAL-O-RING                        | 1   |      |            |
| 22   | 8L-2786     | SEAL-O-RING                        | 2   |      |            |
| 23   | 9M-4584     | CONNECTOR                          | 1   |      |            |
| 24   | 9S-8752     | NUT-FULL (3/8-16-THD)              | 3   |      |            |
| 25   | 9X-6458     | WASHER-HARD (10.2X22.5X3-MM THK)   | 1   |      |            |

381-4823 LINES GP-TURBOCHARGER OIL

381-4823 LINES GP-TURBOCHARGER OIL Type 2

Drawing 1 of 1



| Ref.            | Part number | Description | Qty | Code | Group page |
|-----------------|-------------|-------------|-----|------|------------|
| 1               | 1W-7214     | ELBOW-DRAIN | 2   |      |            |
| 2               | 4P-0692     | CLAMP AS    | 6   |      |            |
| (EACH INCLUDES) |             |             |     |      |            |
|                 | 108-1434    | GROMMET     | 1   |      |            |
| 3               | 357-4615    | ELBOW AS    | 1   | C    |            |

**381-4823 LINES GP-TURBOCHARGER OIL** (continued)

| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
|      | 141-2375    | ELBOW                              | 1   |      |            |
|      | 238-5080    | SEAL-O-RING                        | 1   |      |            |
| 4    | 6I-0805     | ADAPTER-TURBOCHARGER OIL           | 2   | C    |            |
| 5    | 7N-7559     | GASKET                             | 2   |      |            |
| 6    | 09I-0081    | SPACER (10.5X20X10-MM THK)         | 4   | C    |            |
| 7    | 489-0081    | TUBE AS                            | 1   | C    |            |
| 8    | 113-4646    | TUBE AS                            | 2   |      |            |
| 9    | 113-4648    | ELBOW                              | 2   |      |            |
| 10   | 130-2602    | TUBE AS                            | 1   |      |            |
| 12   | 252-8374    | GASKET                             | 2   |      |            |
| 13   | 0L-1143     | BOLT (3/8-16X2.5-IN)               | 3   |      |            |
| 14   | 0S-1594     | BOLT (3/8-16X1-IN)                 | 4   |      |            |
| 15   | 0T-0573     | BOLT (3/8-16X2.75-IN)              | 4   |      |            |
| 16   | 1A-5964     | BOLT (3/8-16X4.5-IN)               | 4   |      |            |
| 17   | 365-0578    | CONNECTOR AS                       | 1   | C    |            |
|      | 2P-7636     | CONNECTOR (3/4-16 STR-THD)         | 1   |      |            |
|      | 238-5080    | SEAL-O-RING                        | 1   |      |            |
| 18   | 4P-4460     | GASKET                             | 2   |      |            |
| 19   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 11  |      |            |
| 20   | 353-5133    | ELBOW AS                           | 1   | C    |            |
|      | 303-7949    | PLATE-SHELL END                    | 1   |      |            |
|      | 238-5081    | SEAL-O-RING                        | 1   |      |            |
| 21   | 9S-8752     | NUT-FULL (3/8-16-THD)              | 3   |      |            |
| 22   | 9X-6458     | WASHER-HARD (10.2X22.5X3-MM THK)   | 1   |      |            |
| 23   | 365-0576    | CONNECTOR AS                       | 1   | C    |            |
|      | 9M-4584     | CONNECTOR                          | 1   |      |            |
|      | 238-5081    | SEAL-O-RING                        | 1   |      |            |
| 24   | 112-3540    | SEAL-O-RING                        | 4   | C    |            |

CAT codes: C.

# 378-8446 PUMP GP-ENGINE OIL -2-SECTION GEAR

378-8446 PUMP GP-ENGINE OIL -2-SECTION GEAR

Arrangement composition. Follow the table links to the component drawings.

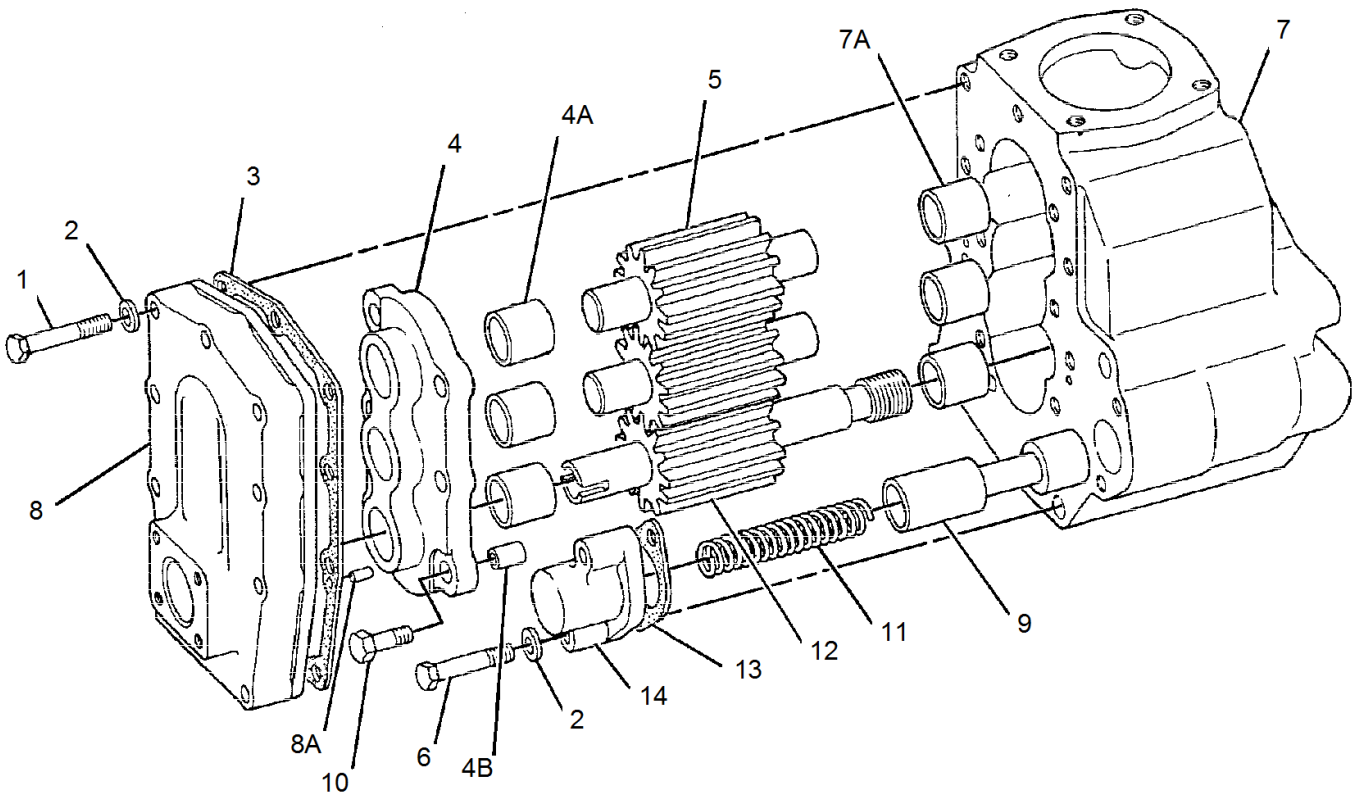
| Ref. | Part number              | Description                      | Qty | Code | Group page |
|------|--------------------------|----------------------------------|-----|------|------------|
| 1    | <a href="#">7W-0053</a>  | PUMP GP-ENGINE OIL               | 1   | Y    | 10         |
| 2    | <a href="#">298-6387</a> | SEAL-O-RING                      | 1   |      |            |
| 3    | <a href="#">4S-5882</a>  | BOLT (1/2-13X7.25-IN)            | 3   |      |            |
| 4    | <a href="#">5P-8245</a>  | WASHER-HARD (13.5X25.5X3-MM THK) | 3   |      |            |

CAT codes: R, Y.

7W-0053 PUMP GP-ENGINE OIL -2-SECTION GEAR

7W-0053 PUMP GP-ENGINE OIL -2-SECTION GEAR PART OF 378-8446 PUMP GP-ENGINE OIL

Drawing 1 of 1



| Ref. | Part number | Description                        | Qty | Code | Group | page |
|------|-------------|------------------------------------|-----|------|-------|------|
| 1    | 0S-1590     | BOLT (3/8-16X2-IN)                 | 9   |      |       |      |
| 2    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 11  |      |       |      |
| 3    | 7N-5057     | GASKET                             | 1   |      |       |      |
| 4    | 7W-0050     | COVER AS-PUMP                      | 1   |      |       |      |
| 4A   | 1W-6005     | BUSHING                            | 3   |      |       |      |
| 4B   | 4M-3248     | DOWEL-HOLLOW                       | 2   |      |       |      |
| 5    | 2W-5476     | SHAFT AS-IDLER                     | 2   |      |       |      |
| 6    | 7F-1866     | BOLT (3/8-16X3-IN)                 | 2   |      |       |      |
| 7    | 7W-0051     | BODY AS-OIL PUMP                   | 1   |      |       |      |
| 7A   | 1W-6005     | BUSHING                            | 3   | C    |       |      |
| 8    | 1N-4637     | COVER AS-PUMP                      | 1   |      |       |      |
| 8A   | 7N-2043     | DOWEL                              | 2   |      |       |      |
| 9    | 7N-5449     | SPOOL-PRESSURE RELIEF              | 1   |      |       |      |
| 10   | 0S-1585     | BOLT (1/2-13X1.5-IN)               | 6   |      |       |      |
| 11   | 2S-2760     | SPRING                             | 1   |      |       |      |

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