

# CATERPILLAR C9

NBP / SEBP6170

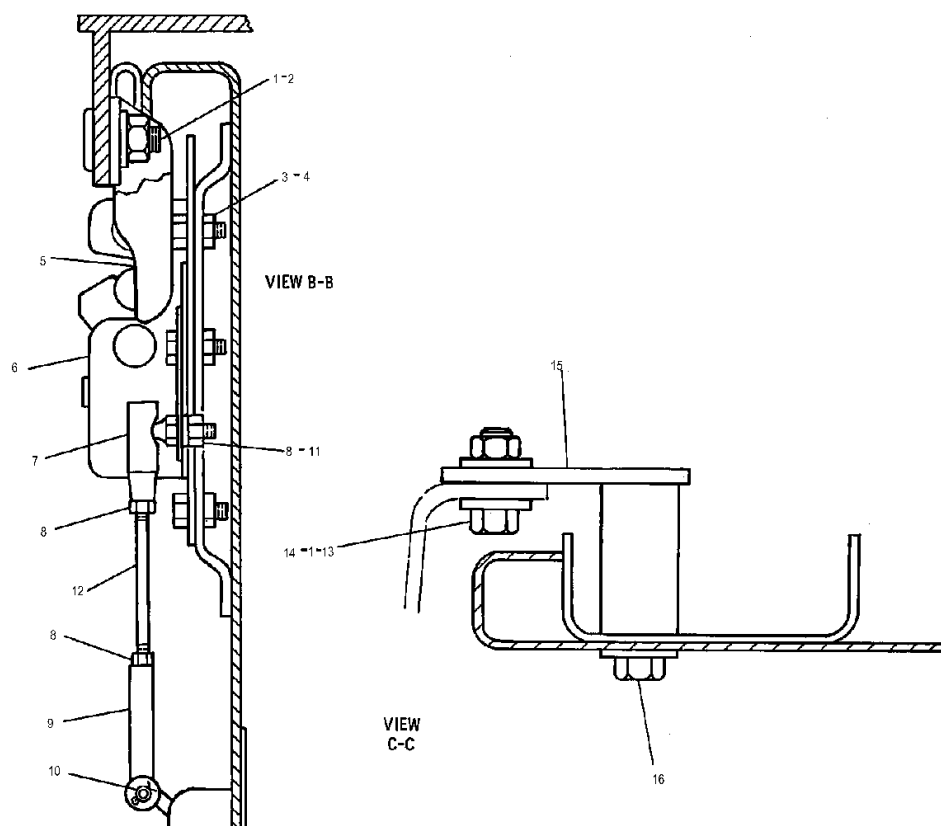
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| Basic engine                       |      |
| Basic engine                       |      |
| Basic engine                       |      |
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| Electrical and electronics         |      |
| Undercarriage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

## 220-1998 FILTER GP-ENGINE OIL

220-1998 FILTER GP-ENGINE OIL S/N S9L1-UP; S9P1-UP

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION         | QTY. |
|----------|-------------|---------------------|------|
| 1        | 1D4717      | NUT                 | 8    |
| 2        | 8M7145      | WASHER              | 4    |
| 3        | S1614       | BOLT                | 6    |
| 4        | 5P537       | WASHER              | 6    |
| 5        | 7V9583      | BRACKET ASSEM.      | 2    |
| 6        | 5V7366      | LATCH (R.H.)        | 2    |
|          | 5V7367      | LATCH (L.H.)        | 2    |
| 7        | 3B3670      | BALLJOINT           | 2    |
| 8        | 4B2049      | NUT                 | 6    |
| 9        | 4H2792      | ROD END             | 2    |
| 10       | 9S1305      | PIN                 | 2    |
|          | 3B4605      | COTTER PIN          | 2    |
| 11       | 4B4274      | WASHER              | 2    |
| 12       | 7V6212      | ROD                 | 2    |
| 13       | S1594       | BOLT                | 4    |
| 14       | 5P1075      | WASHER              | 8    |
| 15       | 8V6306      | PLATE ASSEM. (R.H.) | 1    |
|          | 8V6312      | PLATE ASSEM. (L.H.) | 1    |
| 16       | 7V6063      | BOLT                | 2    |

180036

| Ref. | Part number | Description                             | Qty | Code | Group page |
|------|-------------|-----------------------------------------|-----|------|------------|
| 1    | 1R-1808     | FILTER-ENGINE OIL (ADVANCED EFFICIENCY) | 1   |      |            |
| 2    | 7C-1493     | VALVE AS-BYPASS (ENGINE OIL FILTER)     | 2   |      |            |
| 3    | 8C-3445     | CAP-DUST                                | 1   |      |            |
| 4    | 242-3864    | SPRING                                  | 2   |      |            |
| 5    | 377-9587    | VALVE AS-FLUID SAMPLING (ENGINE OIL)    | 1   |      |            |
|      | 214-7568    | SEAL-O-RING                             | 1   |      |            |
| 6    | 209-7290    | GASKET                                  | 1   |      |            |
| 7    | 209-7291    | BASE AS-OIL FILTER (ENGINE)             | 1   |      |            |
|      | 2P-4304     | STUD-HOLLOW                             | 1   |      |            |
| 8    | 315-9835    | ELBOW AS                                | 1   |      |            |
|      | 6V-0484     | ELBOW                                   | 1   |      |            |
|      | 214-7568    | SEAL-O-RING                             | 1   |      |            |
| 9    | 329-5518    | ADAPTER AS                              | 1   |      |            |
|      | 8T-2353     | ADAPTER                                 | 1   |      |            |
|      | 214-7566    | SEAL-O-RING                             | 1   |      |            |

220-1998 FILTER GP-ENGINE OIL (continued)

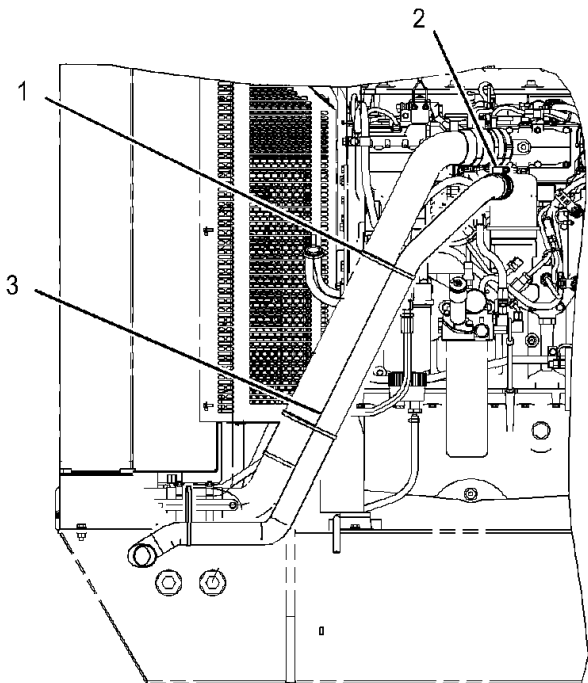
| Ref.            | Part number | Description                   | Qty | Code | Group page |
|-----------------|-------------|-------------------------------|-----|------|------------|
| 10              | 377-9593    | PLUG AS                       | 2   |      |            |
| (EACH INCLUDES) |             |                               |     |      |            |
|                 | 9N-6152     | PLUG                          | 1   |      |            |
|                 | 238-5081    | SEAL-O-RING                   | 1   |      |            |
| 11              | 6V-5218     | BOLT (M8X1.25X35-MM)          | 11  | M    |            |
| 12              | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 12  |      |            |
| 13              | 145-2264    | STUD (M8X1.25X35-MM)          | 1   | M    |            |

CAT codes: M.

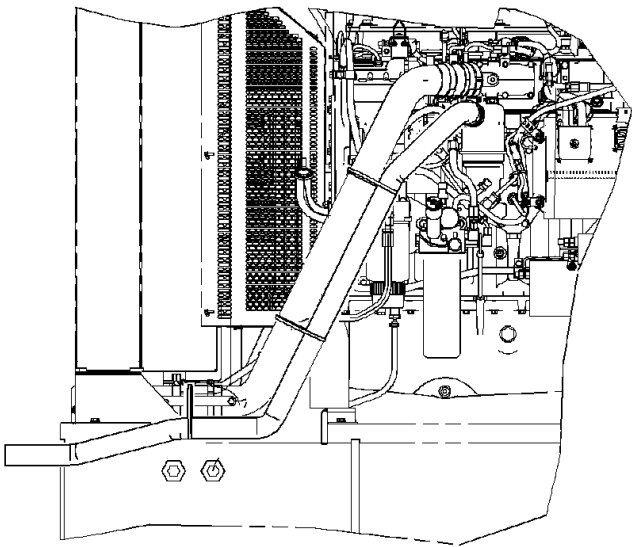
256-4300 FUMES DISPOSAL GP

256-4300 FUMES DISPOSAL GP S/N NBP1-UP AN ATTACHMENT

Drawing 1 of 1



LEFT SIDE VIEW OF ENGINE  
(NARROW BASE)



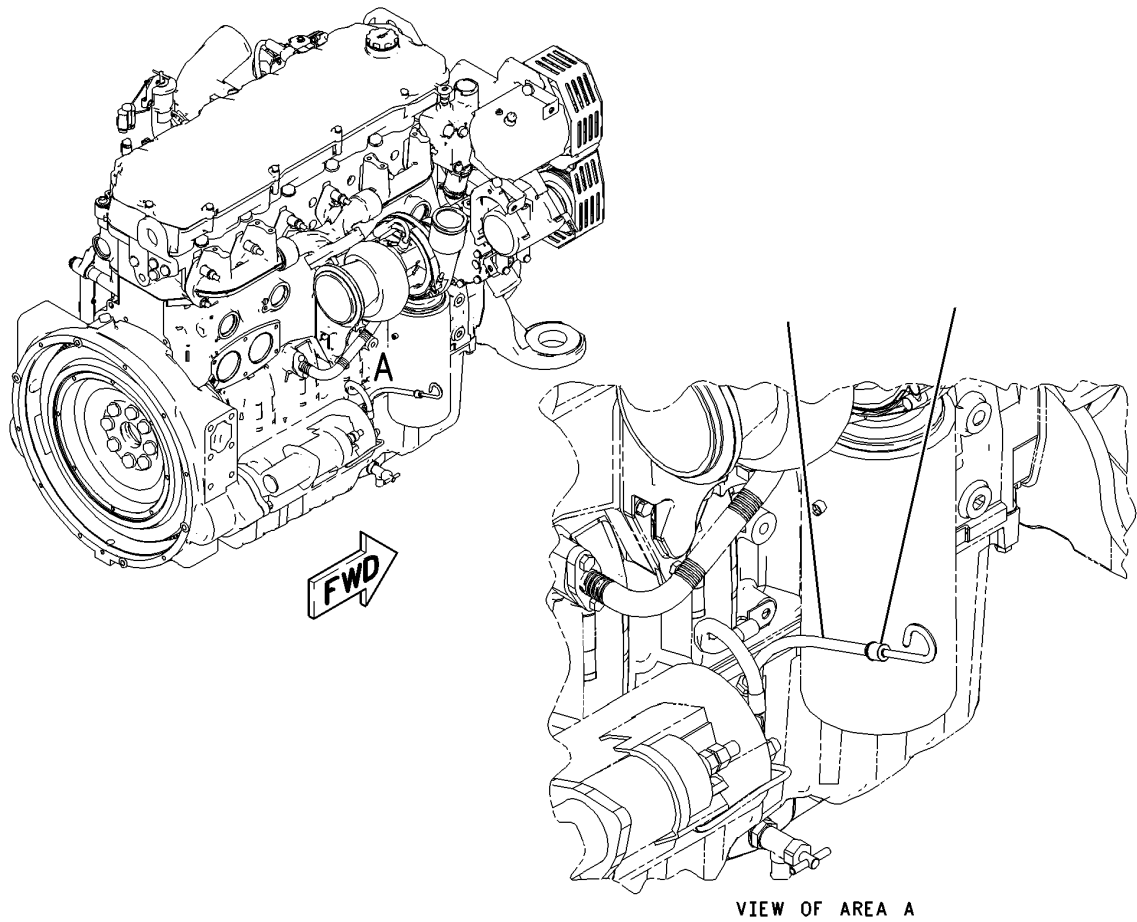
LEFT SIDE VIEW OF ENGINE  
(WIDE BASE)

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 034-1432    | STRAP-CABLE | 3   |      |            |
| 2    | 9M-0164     | CLAMP-HOSE  | 1   |      |            |
| 3    | 336-8489    | HOSE AS     | 1   |      |            |

## 219-9960 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE

219-9960 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE S/N S9L1-UP; S9P1-UP

Drawing 1 of 1

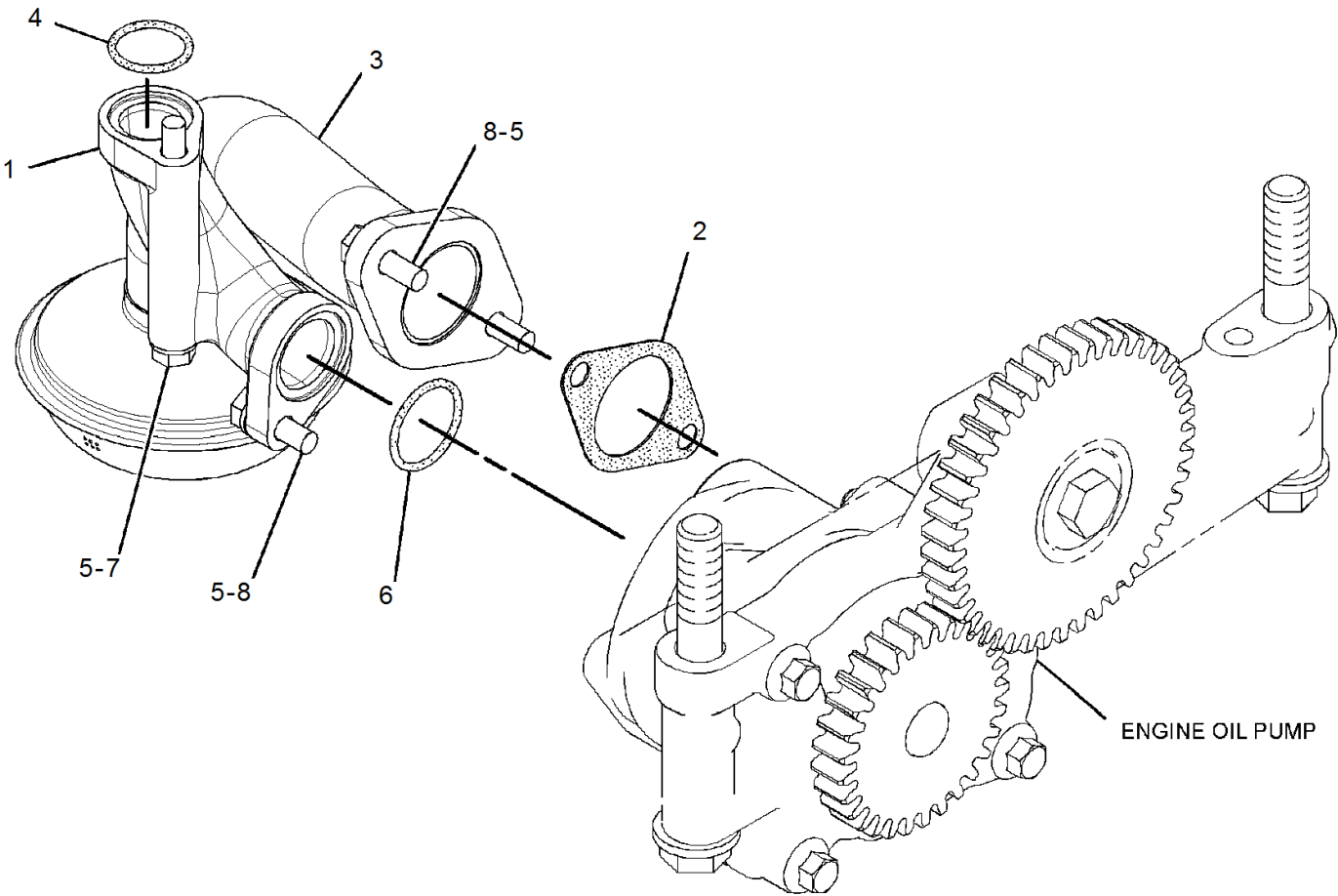


| Ref. | Part number | Description                         | Qty | Code | Group page |
|------|-------------|-------------------------------------|-----|------|------------|
| 1    | 187-0716    | TUBE AS-OIL GAUGE                   | 1   |      |            |
| 2    | 219-9959    | GAUGE-OIL LEVEL (DIPSTICK) (ENGINE) | 1   |      |            |

202-6603 LINES GP-ENGINE OIL

202-6603 LINES GP-ENGINE OIL S/N S9L1-UP; S9P1-UP

Drawing 1 of 1



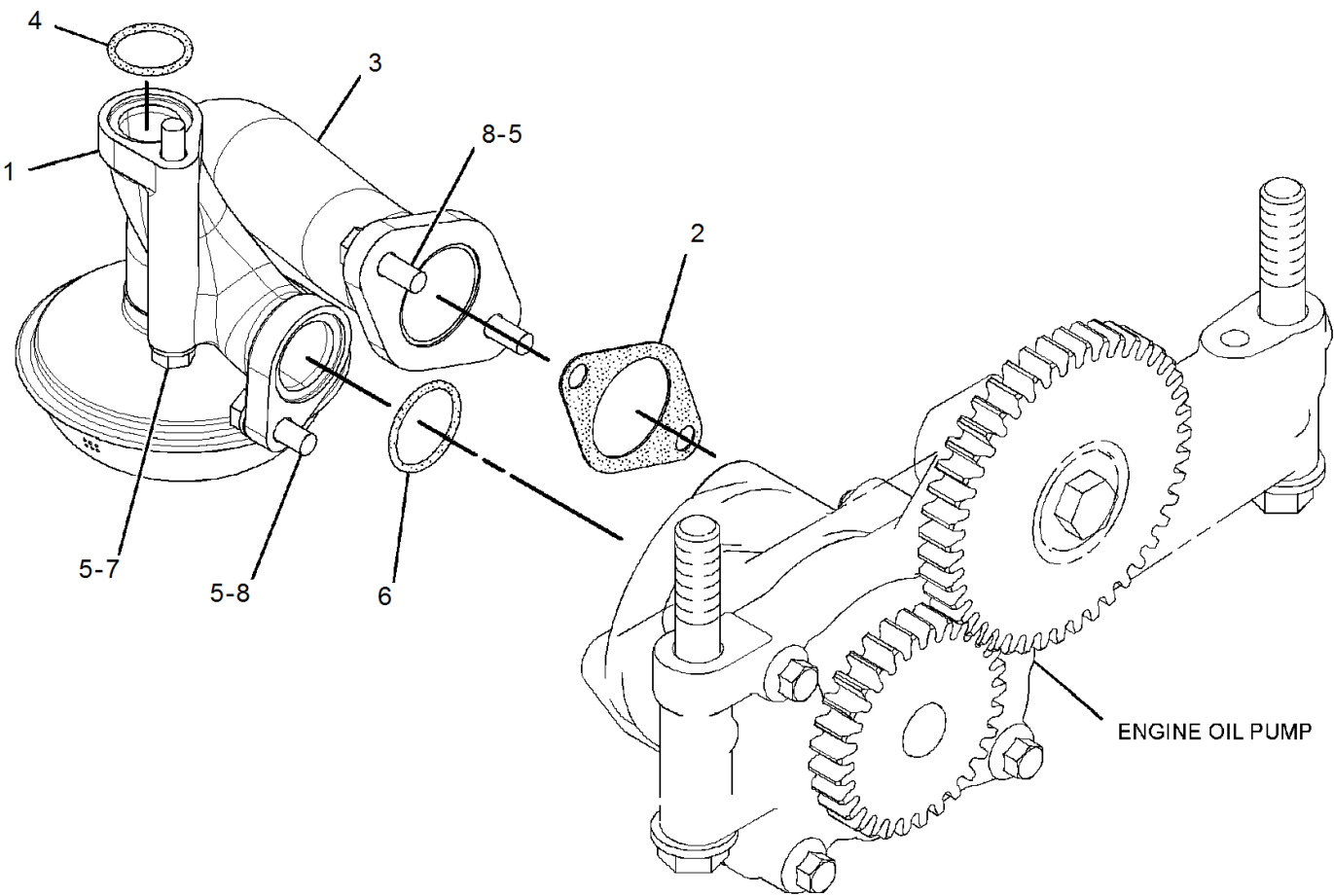
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 234-0203    | ELBOW-OUTLET                  | 1   | C    |            |
| 2    | 195-0452    | GASKET                        | 1   |      |            |
| 3    | 213-5213    | TUBE AS                       | 1   |      |            |
| 4    | 033-6034    | SEAL-O-RING                   | 1   |      |            |
| 5    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 4   |      |            |
| 6    | 5P-7530     | SEAL-O-RING                   | 1   |      |            |
| 7    | 8T-0292     | BOLT (M8X1.25X90-MM)          | 1   | M    |            |
| 8    | 6V-3940     | BOLT (M8X1.25X25-MM)          | 3   | M    |            |

CAT codes: C, M.

202-6603 LINES GP-ENGINE OIL

202-6603 LINES GP-ENGINE OIL S/N S9P1-UP

Drawing 1 of 1



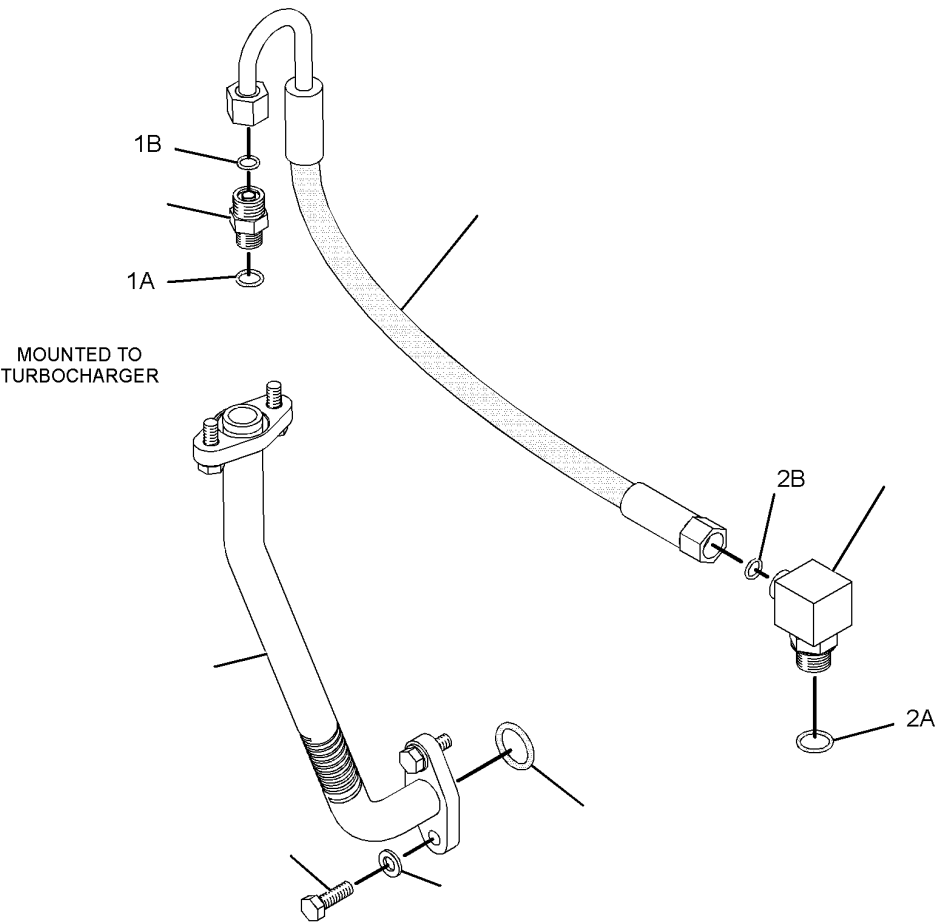
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 281-2210    | ELBOW-OUTLET                  | 1   | C    |            |
| 2    | 195-0452    | GASKET                        | 1   |      |            |
| 3    | 213-5213    | TUBE AS                       | 1   |      |            |
| 4    | 033-6034    | SEAL-O-RING                   | 1   |      |            |
| 5    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 4   |      |            |
| 6    | 5P-7530     | SEAL-O-RING                   | 1   |      |            |
| 7    | 8T-0292     | BOLT (M8X1.25X90-MM)          | 1   | M    |            |
| 8    | 6V-3940     | BOLT (M8X1.25X25-MM)          | 3   | M    |            |

CAT codes: C, M.

197-2672 LINES GP-TURBOCHARGER OIL

197-2672 LINES GP-TURBOCHARGER OIL S/N S9L1-UP; S9P1-UP FOR USE WITH FRONT EXHAUST, HIGH MOUNT TURBOCHARGER

Drawing 1 of 1



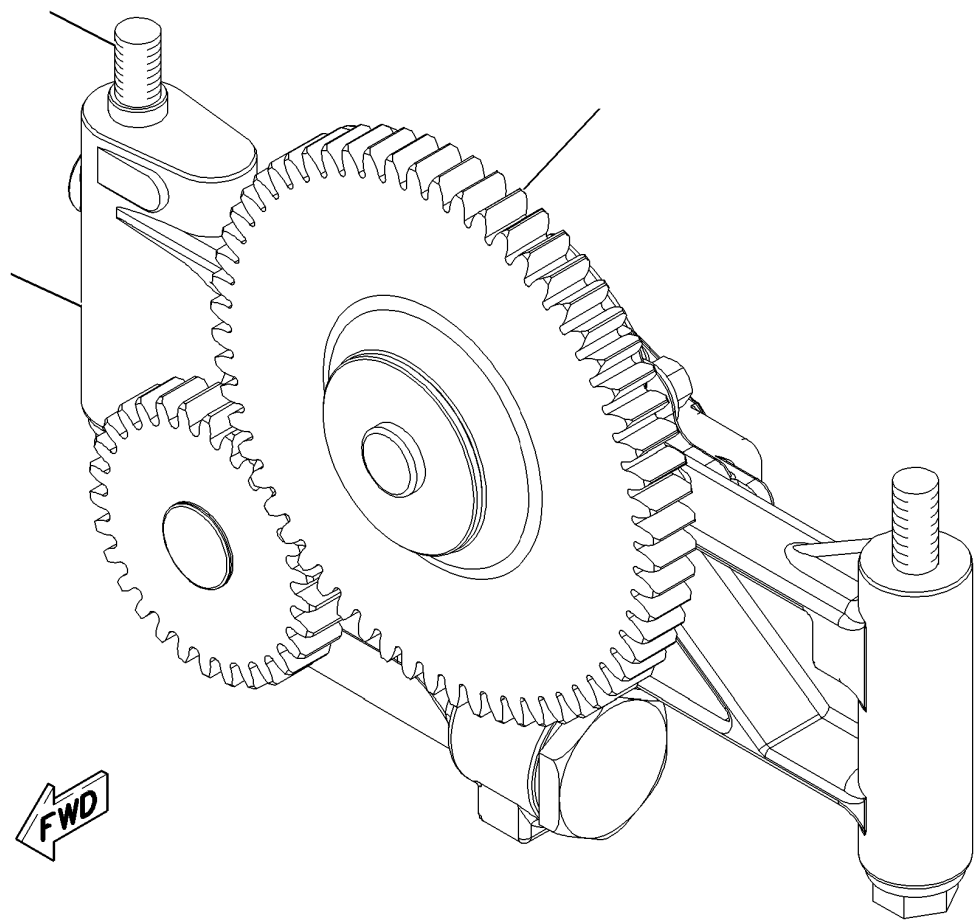
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 183-3399    | CONNECTOR AS                  | 1   |      |            |
|      | 6V-8636     | CONNECTOR                     | 1   |      |            |
| 1A   | 214-7568    | SEAL-O-RING                   | 1   |      |            |
| 1B   | 228-7089    | SEAL-O-RING                   | 1   |      |            |
| 2    | 329-5511    | ELBOW AS                      | 1   |      |            |
|      | 6V-8723     | ELBOW                         | 1   |      |            |
| 2A   | 228-7089    | SEAL-O-RING                   | 1   |      |            |
| 2B   | 238-5080    | SEAL-O-RING                   | 1   |      |            |
| 3    | 197-2678    | TUBE AS                       | 1   |      |            |
| 4    | 200-5736    | HOSE AS                       | 1   |      |            |
| 5    | 3P-1156     | SEAL-O-RING                   | 2   |      |            |
| 6    | 6V-3940     | BOLT (M8X1.25X25-MM)          | 4   | M    |            |
| 7    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 4   |      |            |

CAT codes: M.

195-8098 PUMP GP-ENGINE OIL

195-8098 PUMP GP-ENGINE OIL S/N S9L1-UP; S9P1-UP

Drawing 1 of 1



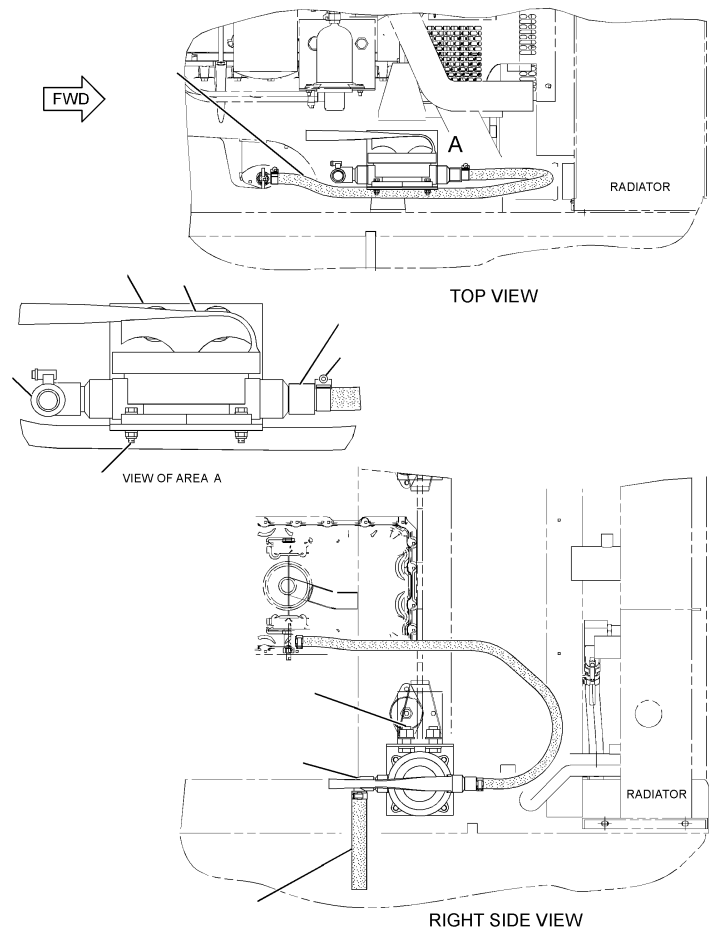
| Ref. | Part number | Description               | Qty | Code | Group page |
|------|-------------|---------------------------|-----|------|------------|
| 1    | 211-0546    | PUMP GP-ENGINE OIL        | 1   |      |            |
|      | 210-5522    | PUMP AS-ENGINE OIL        | 1   |      |            |
| 1A   | 221-0144    | GEAR AS (60-TEETH)        | 1   |      |            |
| 2    | 6V-1819     | BOLT (M10X1.5X100-MM)     | 2   | M    |            |
| 3    | 6V-5839     | WASHER (11X21X2.5-MM THK) | 2   |      |            |

CAT codes: M, R.

259-2555 PUMP GP-SUMP

259-2555 PUMP GP-SUMP S/N NBP1-UP AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 5D-1026     | CLAMP-BAND                       | 2   |      |            |
| 2    | 259-2556    | BRACKET                          | 1   |      |            |
| 3    | 259-2557    | REDUCER                          | 1   |      |            |
| 4    | 129-3178    | LOCKNUT (M6X1-THD)               | 4   | M    |            |
| 5    | 8T-4183     | BOLT (M12X1.75X40-MM)            | 2   | M    |            |
| 6    | 8T-4223     | WASHER-HARD (13.5X25.5X3-MM THK) | 4   |      |            |
| 7    | 8T-4244     | NUT (M12X1.75-THD)               | 2   | M    |            |
| 8    | 8T-4971     | BOLT (M6X1X30-MM)                | 4   | M    |            |
| 9    | 9M-7958     | CLAMP-HOSE                       | 2   |      |            |
| 10   | 9X-8256     | WASHER (6.6X12X2-MM THK)         | 8   |      |            |
| 11   | 142-6870    | PUMP GP-SUMP                     | 1   |      |            |

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