

# CATERPILLAR 1190T

BZL / SEBP3984

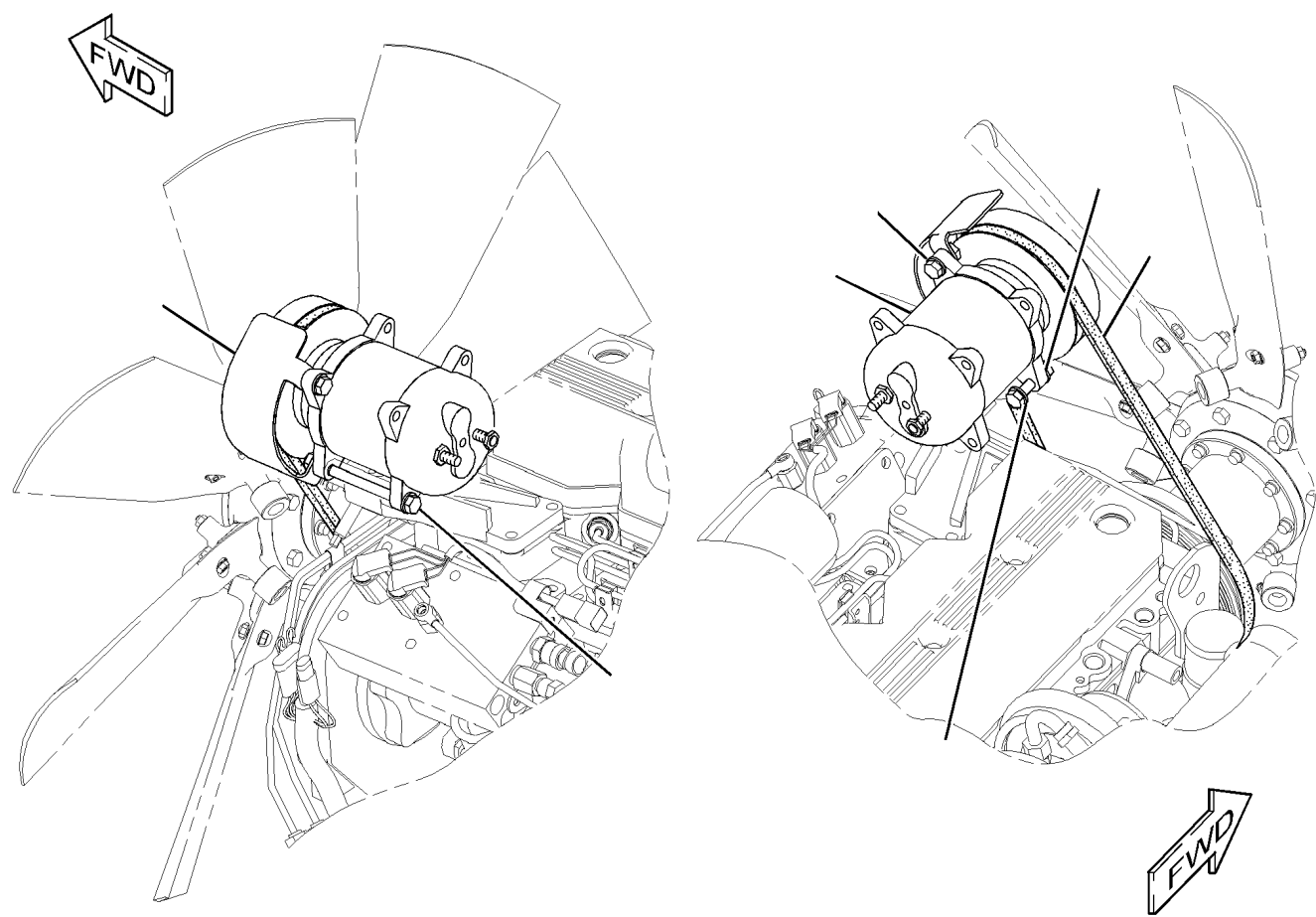
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240-8522 AIR COMPRESSOR GP

240-8522 AIR COMPRESSOR GP PART OF 239-6187, 272-0079 INSTALLATION AR-ENGINE

Drawing 1 of 1



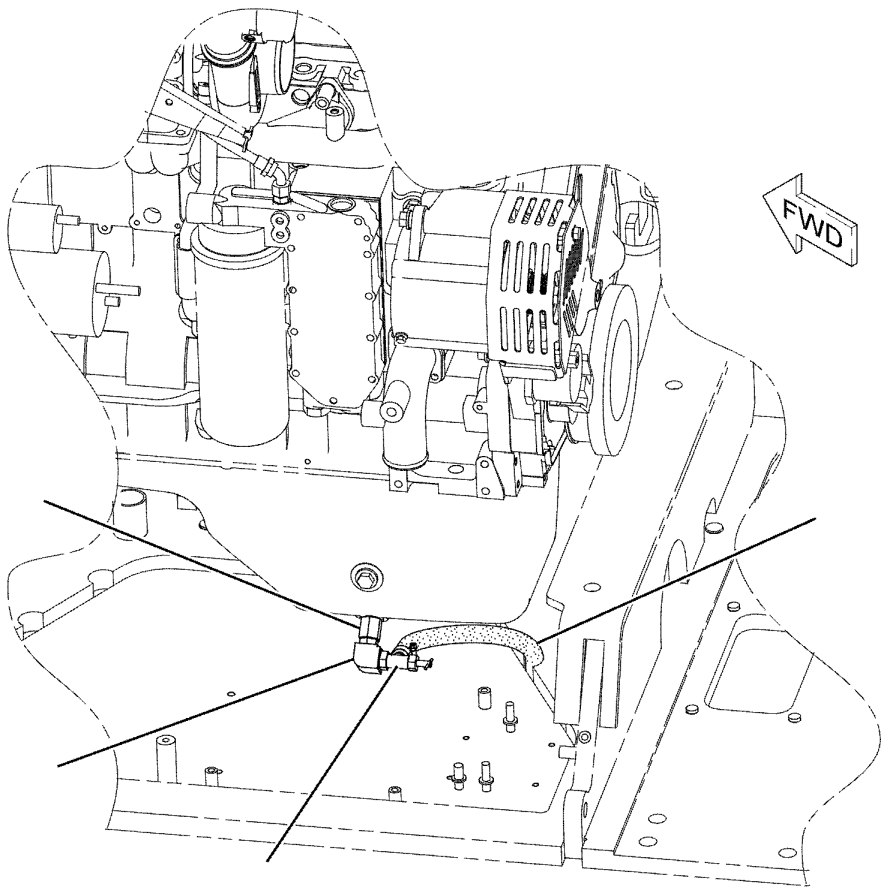
| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
| 1    | 106-5122    | COMPRESSOR GP-REFRIGERANT      | 1   | Y    |            |
| 2    | 279-5041    | GUARD AS-COMPRESSOR PULLEY     | 1   |      |            |
|      | 8T-3490     | NUT-WELD (M10X1.5-THD)         | 2   | M    |            |
| 3    | 1P-3085     | V-BELT (AIR COMPRESSOR)        | 1   |      |            |
| 4    | 8T-4121     | WASHER-HARD (11X21X2.5-MM THK) | 4   |      |            |
| 5    | 8T-4133     | NUT (M10X1.5-THD)              | 1   | M    |            |
| 6    | 8T-4185     | BOLT (M10X1.5X50-MM)           | 1   | M    |            |
| 7    | 8T-4195     | BOLT (M10X1.5X30-MM)           | 1   | M    |            |
| 8    | 8T-5436     | BOLT (M10X1.5X130-MM)          | 1   | M    |            |

CAT codes: M, Y.

# 240-9760 DRAIN GP-ENGINE OIL

240-9760 DRAIN GP-ENGINE OIL PART OF 239-6187, 272-0079 INSTALLATION AR-ENGINE

Drawing 1 of 1



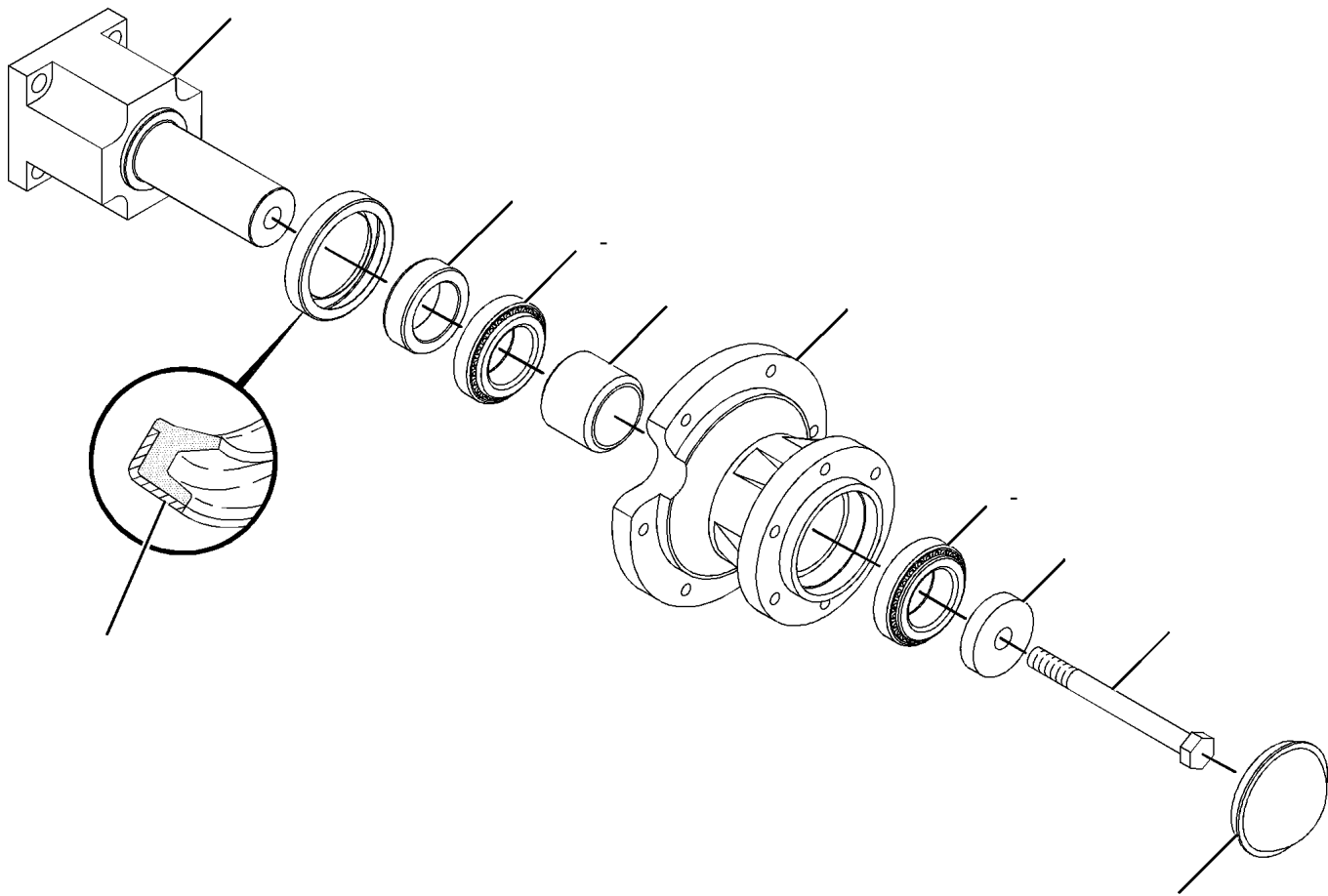
| Ref. | Part number | Description                         | Qty | Code | Group page |
|------|-------------|-------------------------------------|-----|------|------------|
| 1    | 194-2903    | ELBOW AS                            | 1   |      |            |
|      | 8T-0119     | ELBOW                               | 1   |      |            |
|      | 3K-0360     | SEAL-O-RING                         | 1   |      |            |
| 2    | 095-1388    | CLAMP-HOSE                          | 1   |      |            |
| 3    | 165-2273    | VALVE AS-SHUTOFF (ENGINE OIL DRAIN) | 1   |      |            |
|      | 6V-7238     | VALVE-SHUTOFF (ENGINE OIL DRAIN)    | 1   |      |            |
|      | 3K-0360     | SEAL-O-RING                         | 1   |      |            |
| 4    | 8T-7524     | SEAL-O-RING                         | 1   |      |            |
| 5    | 8T-7863     | CONNECTOR                           | 1   |      |            |
| 6    | 5P-0767     | HOSE (31-CM)                        |     | E    |            |

CAT codes: E.

231-6686 DRIVE GP-FAN

231-6686 DRIVE GP-FAN PART OF 239-6189 FAN GP-SUCTION AN ATTACHMENT

Drawing 1 of 1



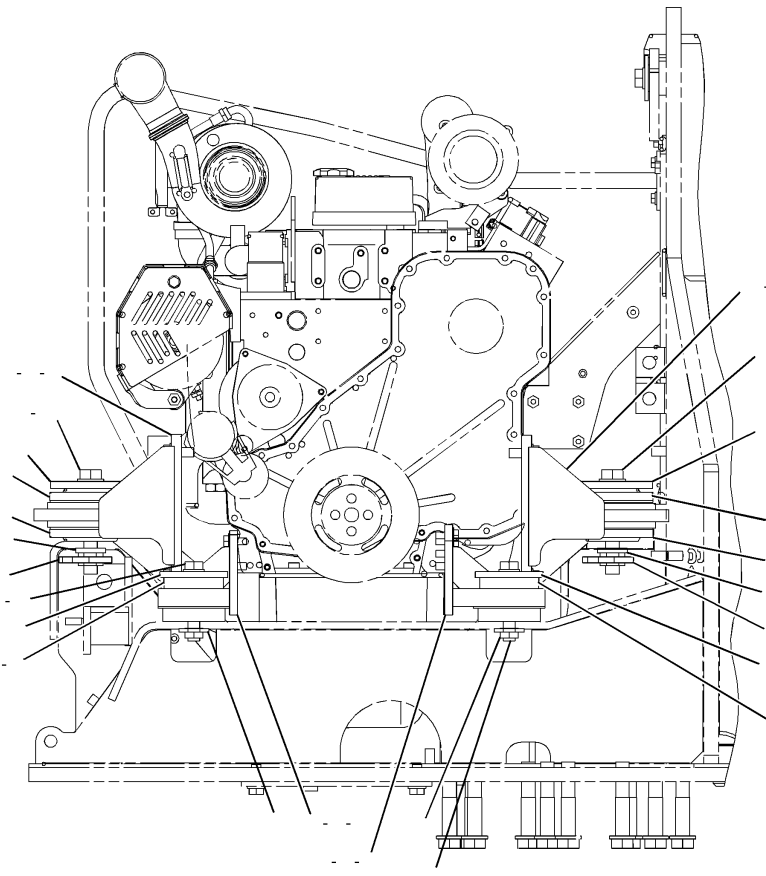
| Ref. | Part number | Description                       | Qty | Code | Group page |
|------|-------------|-----------------------------------|-----|------|------------|
| 1    | 4W-1203     | CUP-BEARING                       | 2   |      |            |
| 2    | 4W-1204     | CONE-BEARING                      | 2   |      |            |
| 3    | 4W-2042     | SPACER (35.3X45.5X38.331-MM THK)  | 1   |      |            |
| 4    | 7C-8369     | HUB                               | 1   |      |            |
| 5    | 7C-8370     | CAP-DUST                          | 1   |      |            |
| 6    | 7C-8634     | PLATE                             | 1   |      |            |
| 7    | 214-7823    | BRACKET AS                        | 1   |      |            |
| 8    | 5S-9062     | SPACER (35.032X50.8X15.88-MM THK) | 1   |      |            |
| 9    | 6V-8004     | BOLT (M12X1.75X120-MM)            | 1   | M    |            |
| 10   | 6V-9748     | SEAL-LIP TYPE                     | 1   |      |            |

CAT codes: M.

239-6167 MOUNTING GP-ENGINE

239-6167 MOUNTING GP-ENGINE PART OF 239-6187, 272-0079 INSTALLATION AR-ENGINE

Drawing 1 of 1



FRONT VIEW

| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
| 1    | 9W-6582     | SLEEVE                         | 2   |      |            |
| 2    | 9W-9920     | MOUNTING AS-VIBRATION ISOLATOR | 2   |      |            |
| 3    | 118-9930    | SUPPORT AS                     | 2   |      |            |
| 4    | 139-8736    | MOUNT-FLEXIBLE                 | 2   |      |            |
| 5    | 139-8737    | MOUNT-FLEXIBLE                 | 2   |      |            |
| 6    | 139-8873    | SUPPORT AS                     | 2   | M    |            |
| 7    | 239-6203    | BRACKET AS (RH)                | 1   |      |            |
| 8    | 239-6204    | BRACKET AS (LH)                | 1   |      |            |
| 9    | 239-6211    | BRACKET AS (RH)                | 1   |      |            |
| 10   | 239-6212    | BRACKET AS (LH)                | 1   |      |            |
| 11   | 109-9437    | WASHER (24.5X135X12-MM THK)    | 2   |      |            |
| 12   | 7X-2553     | BOLT (M16X2X40-MM)             | 8   | M    |            |
| 13   | 7X-2567     | BOLT (M24X3X160-MM)            | 2   | M    |            |
| 14   | 8T-1482     | WASHER-HARD (26X50X8-MM THK)   | 2   |      |            |
| 15   | 8T-4123     | WASHER (22X35X3.5-MM THK)      | 2   |      |            |

239-6167 MOUNTING GP-ENGINE (continued)

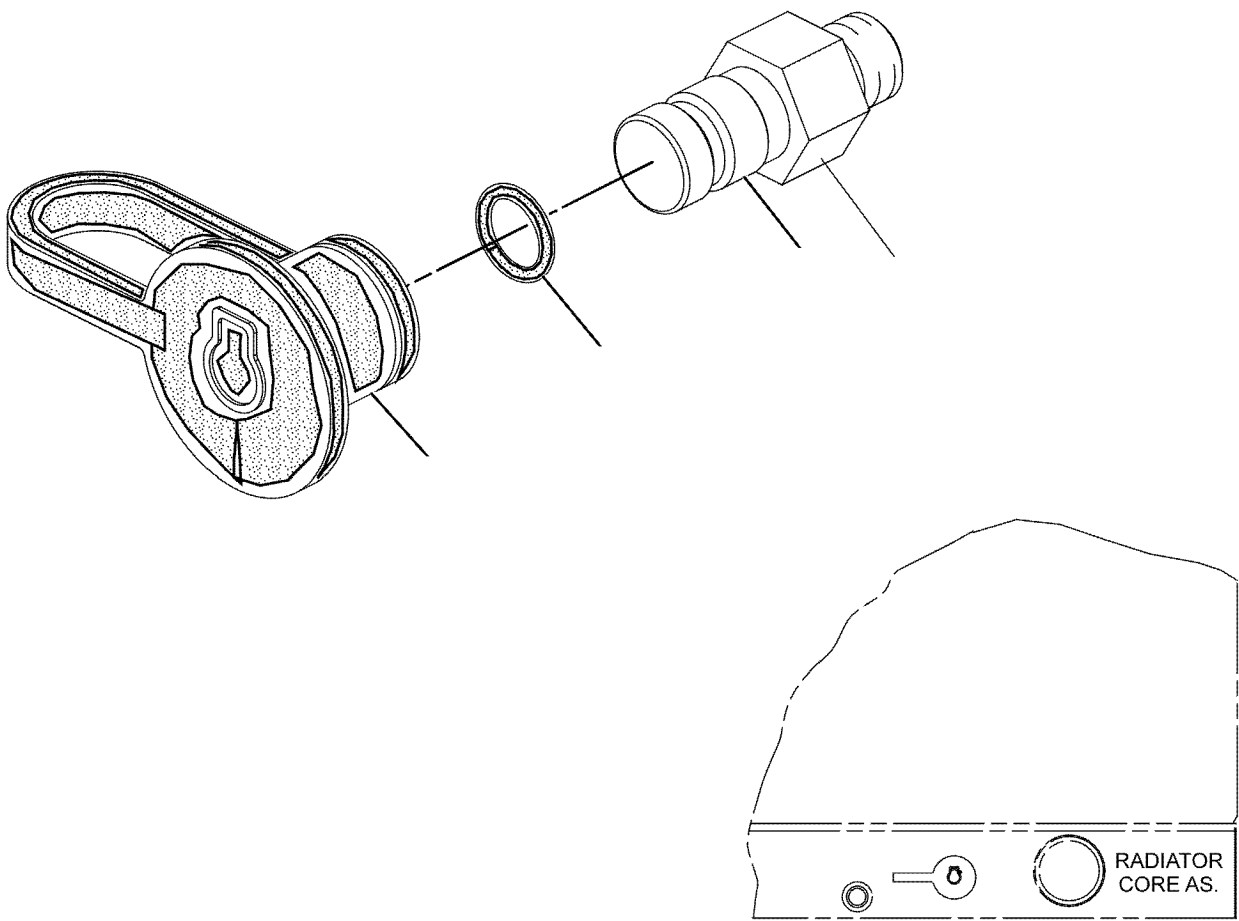
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 16   | 8T-4139     | BOLT (M12X1.75X30-MM)            | 8   | M    |            |
| 17   | 8T-4167     | WASHER-HARD (26X44X4-MM THK)     | 2   |      |            |
| 18   | 8T-4223     | WASHER-HARD (13.5X25.5X3-MM THK) | 8   |      |            |
| 19   | 8T-6381     | BOLT (M20X2.5X120-MM)            | 2   | M    |            |
| 20   | 9W-6584     | WASHER (20.5X114X10-MM THK)      | 2   |      |            |
| 21   | 9X-8257     | WASHER (17.5X30X3.5-MM THK)      | 8   |      |            |

CAT codes: M.

240-7899 VALVE GP-FLUID SAMPLING -COOLANT

240-7899 VALVE GP-FLUID SAMPLING -COOLANT PART OF 239-6187, 272-0079 INSTALLATION AR-ENGINE

Drawing 1 of 1

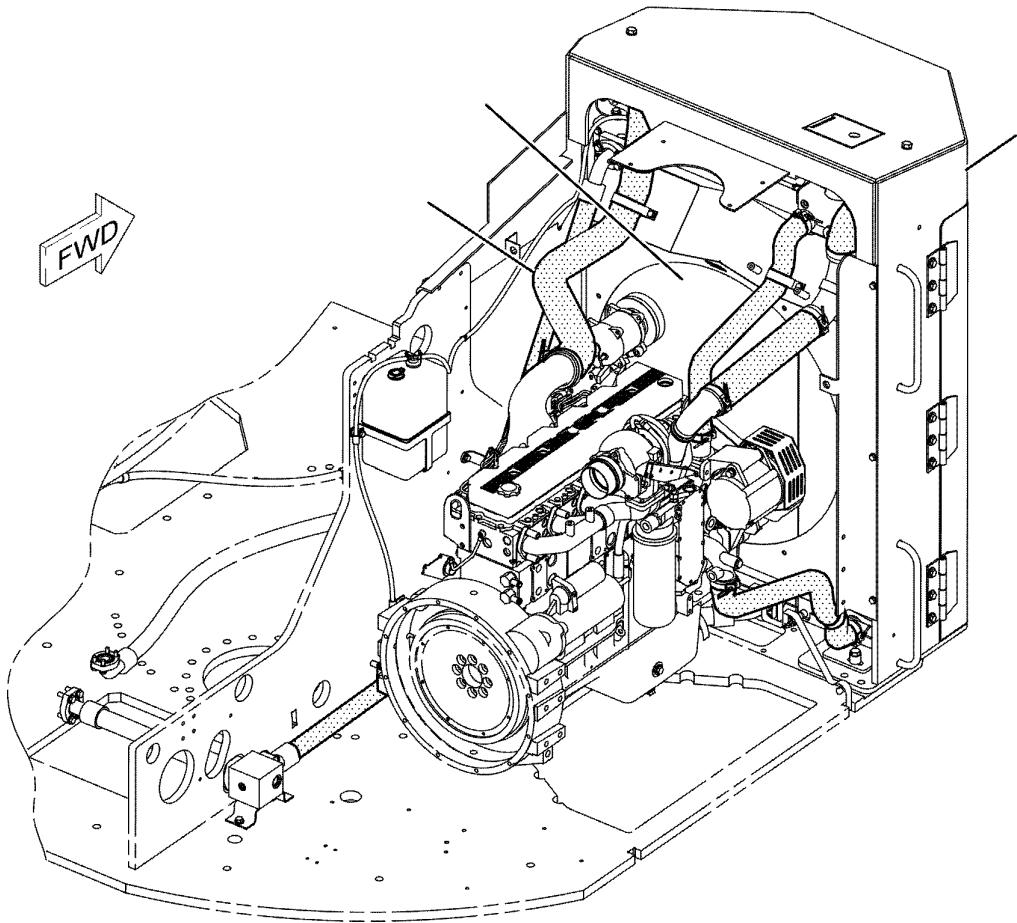


| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 157-0670    | CAP-DUST       | 1   |      |            |
| 2    | 3J-7354     | SEAL-O-RING    | 1   |      |            |
| 3    | 154-9023    | VALVE-SAMPLING | 1   |      |            |

239-6172 COOLING AR

239-6172 COOLING AR S/N BZL1-2209 PART OF 240-7170, 262-1004 COMMON AR

Drawing 1 of 1



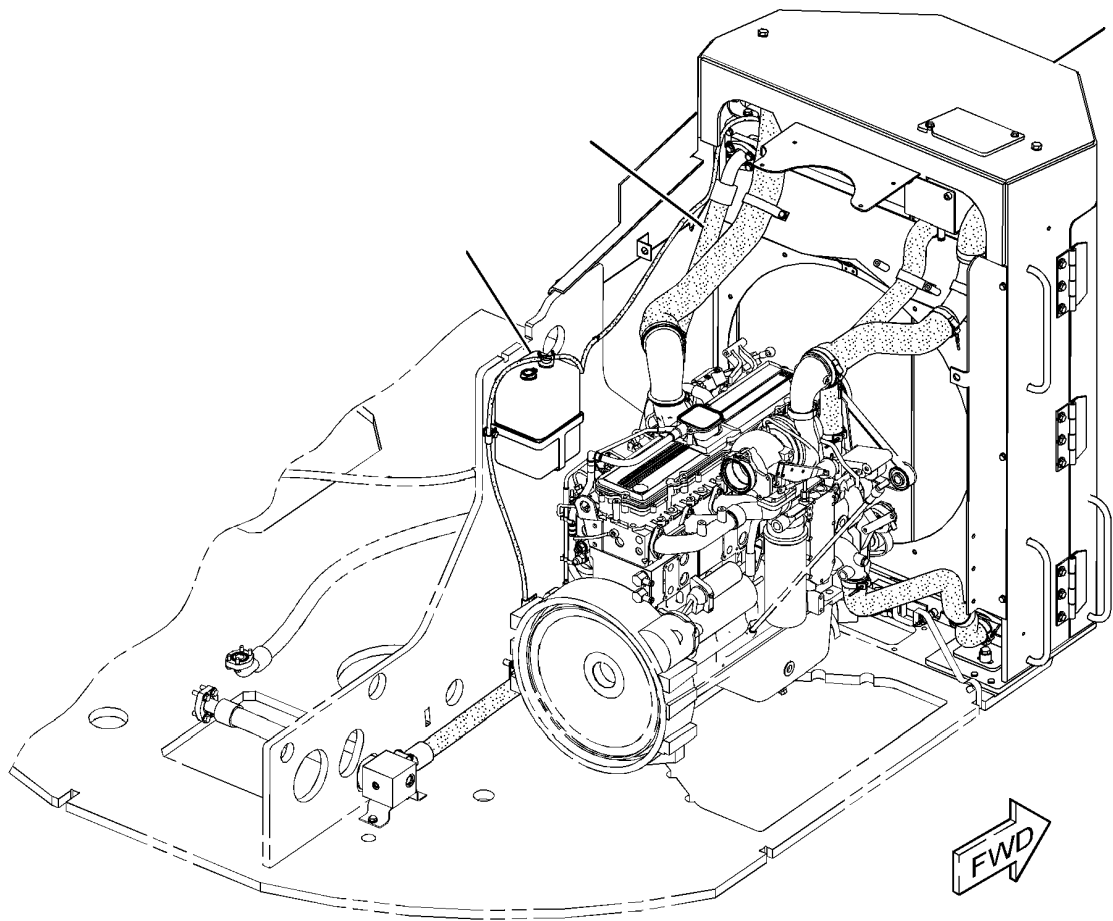
| Ref. | Part number | Description       | Qty | Code | Group page |
|------|-------------|-------------------|-----|------|------------|
| 1    | 216-9865    | GUARD GP-RADIATOR | 1   | Y    |            |
| 2    | 239-6173    | RADIATOR GP       | 1   | Y    |            |
| 3    | 239-6174    | LINES GP-COOLING  | 1   | Y    |            |

CAT codes: Y.

285-4360 COOLING AR

285-4360 COOLING AR S/N BZL2210-2210 PART OF 272-0075 COMMON AR

Drawing 1 of 1



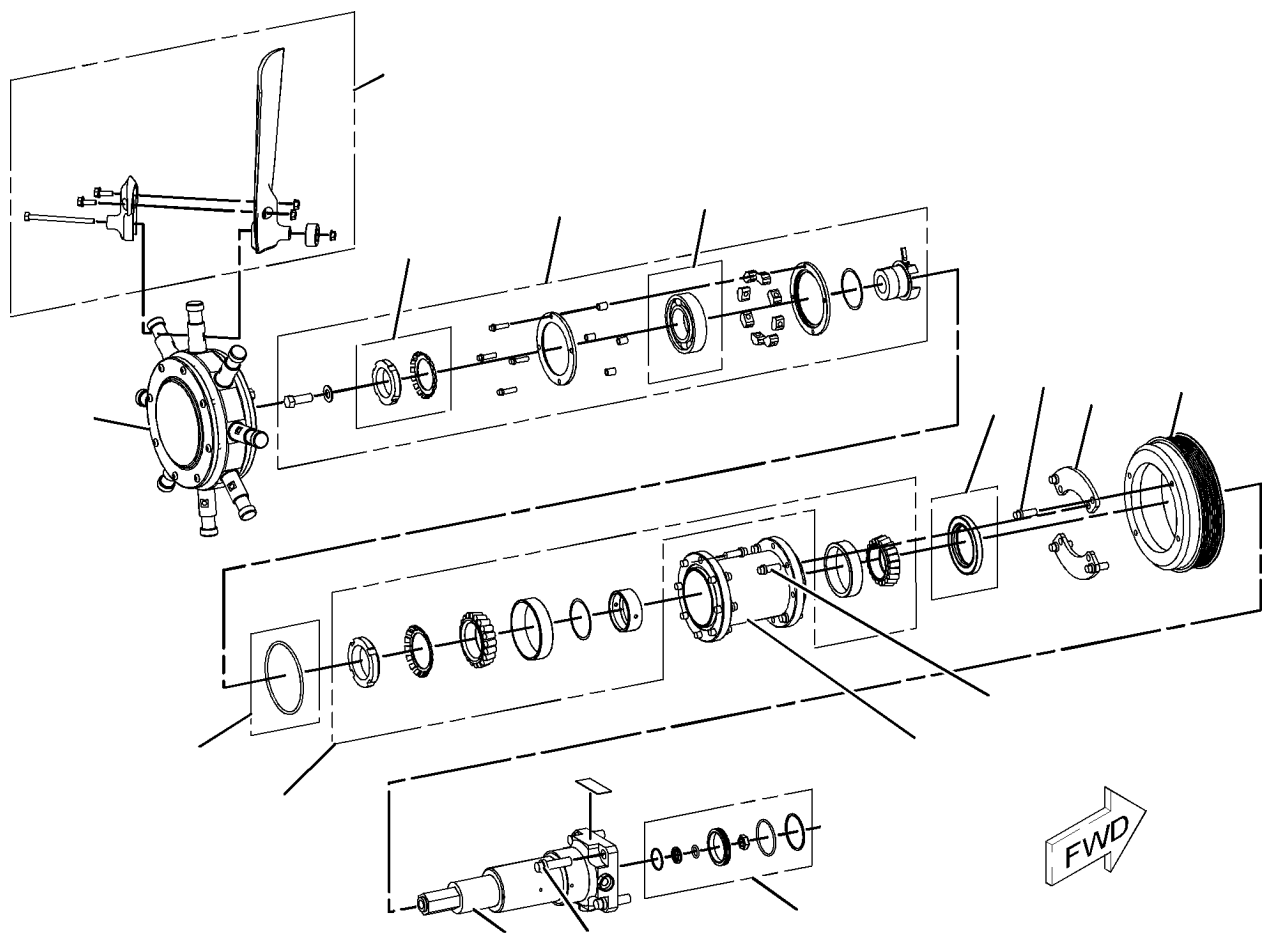
| Ref. | Part number | Description       | Qty | Code | Group page |
|------|-------------|-------------------|-----|------|------------|
| 1    | 216-9865    | GUARD GP-RADIATOR | 1   | Y    |            |
| 2    | 280-9831    | LINES GP-COOLING  | 1   | Y    |            |
| 3    | 285-4361    | LINES GP-COOLANT  | 1   | Y    |            |

CAT codes: Y.

223-7634 FAN GP-REVERSIBLE

223-7634 FAN GP-REVERSIBLE PART OF 239-6188 FAN GP-REVERSIBLE AN ATTACHMENT

Drawing 1 of 1



| Ref.                                                                                               | Part number | Description                    | Qty | Code | Group page |
|----------------------------------------------------------------------------------------------------|-------------|--------------------------------|-----|------|------------|
| 1                                                                                                  | 236-0819    | KIT-FAN BLADE                  | 4   |      |            |
| (EACH INCLUDES BLADES, LOCKNUTS, COUNTERWEIGHTS, RETAINERS & BOLTS)                                |             |                                |     |      |            |
| 2                                                                                                  | 228-3380    | KIT-FAN HUB                    | 1   |      |            |
| (INCLUDES BOLTS, LOCKNUTS, WASHERS, BEARINGS, SHIM PACK, SPACERS, END PLATE, PIVOT BLOCKS & SHAFT) |             |                                |     |      |            |
| 3                                                                                                  | 228-3381    | KIT-BEARING                    | 1   |      |            |
| (INCLUDES LOCKNUTS, LOCKWASHERS, BEARINGS, SHIM PACK & SPACER)                                     |             |                                |     |      |            |
| 4                                                                                                  | 228-3382    | KIT-FAN (PIVOT BLOCK, SHIFTER) | 1   |      |            |
| (INCLUDES BOLTS, WASHERS, LOCKNUT, END PLATE, SPACERS, BEARING, PIVOT BLOCK, SHIM & SHAFT)         |             |                                |     |      |            |
| 5                                                                                                  | 236-0827    | KIT-SEAL (FAN)                 | 1   |      |            |
| (INCLUDES SEALS, NUT & RETAINER)                                                                   |             |                                |     |      |            |
| 6                                                                                                  | 236-0828    | CARRIER-BEARING                | 1   |      |            |
| 7                                                                                                  | 1T-0765     | BOLT (3/8-16X1-IN)             | 16  |      |            |
| 8                                                                                                  | 236-0829    | LINK                           | 2   |      |            |

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