

# CATERPILLAR 623G

ARW / SEBP3007

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| Fuel system                  |      |
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| Basic engine                 |      |
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| Power train                  |      |
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| Hydraulic system             |      |
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133-9907 ADAPTER GP-PUMP DRIVE

133-9907 ADAPTER GP-PUMP DRIVE S/N BET1-UP PART OF 6I-3638 DRIVE GP-PUMP

Drawing 1 of 1

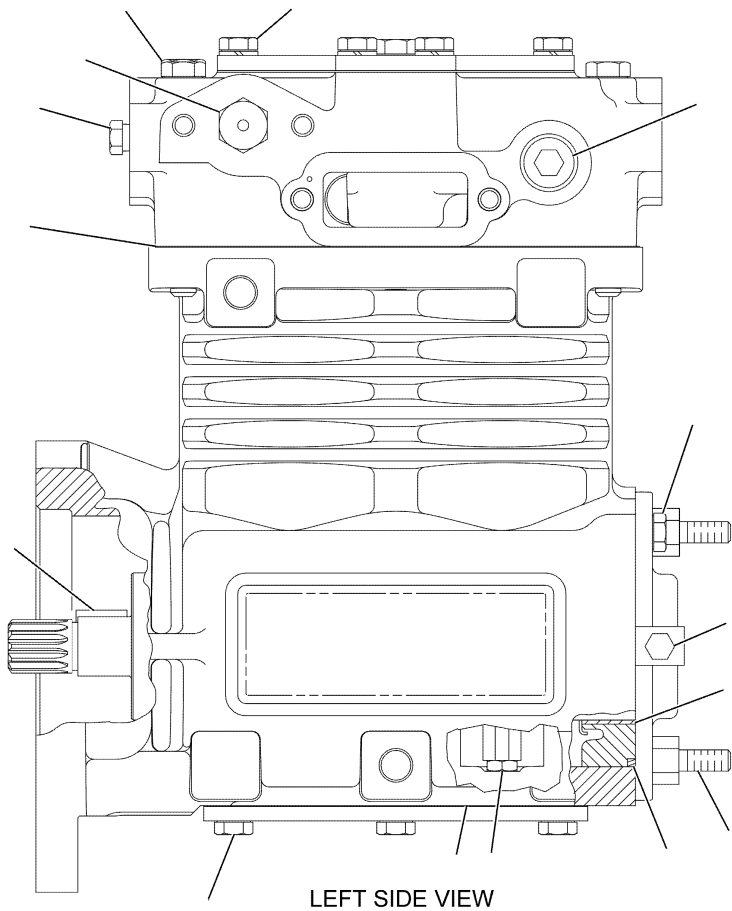


| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 1    | 1B-3867     | BALL BEARING           | 2   |      |            |
| 2    | 4F-7957     | BOLT (1/4-20X0.875-IN) | 3   |      |            |
| 3    | 6I-4575     | GEAR (34-TEETH)        | 1   |      |            |
| 4    | 9X-2038     | WASHER (7X19X2-MM THK) | 3   |      |            |
| 5    | 133-9906    | ADAPTER                | 1   |      |            |
| 6    | 1H-8647     | RING-SNAP              | 1   |      |            |

131-6679 AIR COMPRESSOR GP

131-6679 AIR COMPRESSOR GP S/N BET1-UP 13.2 CFM AT 1250 RPM Type 1 FIELD REPLACEMENT FOR 167-1288

Drawing 1 of 1



| Ref.                             | Part number | Description                      | Qty | Code | Group page |
|----------------------------------|-------------|----------------------------------|-----|------|------------|
| 1                                | 7C-6178     | BEARING-REAR                     | 2   |      |            |
| 2                                | 7E-8928     | GASKET                           | 1   |      |            |
| 3                                | 3B-4505     | LOCKWASHER (.097-IN THK)         | 4   |      |            |
| 4                                | 4P-3977     | GASKET-CYLINDER HEAD             | 1   |      |            |
| 5                                | 0S-1617     | BOLT (5/16-18X0.75-IN)           | 12  |      |            |
| 6                                | 8T-6764     | PLUG-PIPE (1/8-27-THD)           | 2   |      |            |
| 7                                | 4P-3966     | PISTON & ROD AS                  | 1   |      |            |
| (INCLUDES 2 PISTONS & 2 ROD AS.) |             |                                  |     |      |            |
| 8                                | 8T-6762     | PLUG-PIPE (1/2-14-THD)           | 1   |      |            |
| 9                                | 0L-1352     | BOLT (3/8-16X3.25-IN)            | 6   |      |            |
| 10                               | 146-0835    | STUD                             | 2   |      |            |
| 11                               | 2H-3934     | SEAL-O-RING                      | 1   |      |            |
| 12                               | 103-6216    | KEY-WOODRUFF                     | 1   |      |            |
| 13                               | 124-5572    | VALVE AS-RELIEF (AIR COMPRESSOR) | 1   |      |            |
| AVAILABLE REPAIR KIT(S):         |             |                                  |     |      |            |

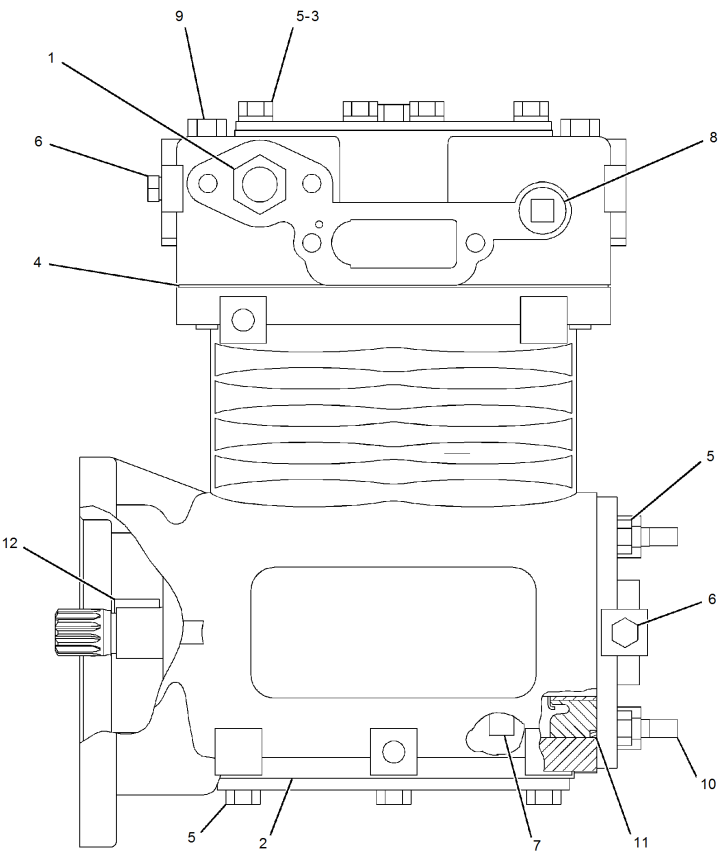
131-6679 AIR COMPRESSOR GP (continued)

| Ref. | Part number | Description                                                   | Qty | Code | Group page |
|------|-------------|---------------------------------------------------------------|-----|------|------------|
|      | 7E-8923     | KIT-CRANKSHAFT BEARING (AIR COMPRESSOR)                       | 1   |      |            |
|      |             | (INCLUDES SEALS, BEARINGS, INSERTS, GASKETS, & WASHER)        |     |      |            |
|      | 7E-8925     | KIT-STANDARD RING (AIR COMPRESSOR)                            | 1   |      |            |
|      |             | (INCLUDES RINGS)                                              |     |      |            |
|      | 7E-8926     | KIT-CYLINDER HEAD (AIR COMPRESSOR)                            | 1   |      |            |
|      |             | (INCLUDES GASKETS, PISTONS, SPRINGS, VALVES, SEATS, & O-RING) |     |      |            |
|      | 150-5146    | KIT-UNLOADER (AIR COMPRESSOR)                                 | 1   |      |            |

131-6679 AIR COMPRESSOR GP

131-6679 AIR COMPRESSOR GP S/N BET1-UP 13.2 CFM AT 1250 RPM Type 2 FIELD REPLACEMENT FOR 167-1288

Drawing 1 of 1



LEFT SIDE VIEW

| Ref.                                                  | Part number | Description                             | Qty | Code | Group page |
|-------------------------------------------------------|-------------|-----------------------------------------|-----|------|------------|
| 1                                                     | 124-5572    | VALVE AS-RELIEF (AIR COMPRESSOR)        | 1   |      |            |
| 2                                                     | 7E-8928     | GASKET                                  | 1   |      |            |
| 3                                                     | 3B-4505     | LOCKWASHER                              | 4   |      |            |
| 4                                                     | 4P-3977     | GASKET-CYLINDER HEAD                    | 1   |      |            |
| 5                                                     | 0S-1617     | BOLT (5/16-18X0.75-IN)                  | 12  |      |            |
| 6                                                     | 8T-6764     | PLUG-PIPE (1/8-27-THD)                  | 2   |      |            |
| 7                                                     | 4P-3966     | PISTON & ROD AS                         | 1   |      |            |
| 8                                                     | 8T-6762     | PLUG-PIPE (1/2-14-THD)                  | 1   |      |            |
| 9                                                     | 0L-1352     | BOLT (3/8-16X3.25-IN)                   | 6   |      |            |
| 10                                                    | 146-0835    | STUD                                    | 2   |      |            |
| 11                                                    | 2H-3934     | SEAL-O-RING                             | 1   |      |            |
| 12                                                    | 103-6216    | KEY-WOODRUFF                            | 1   |      |            |
| AVAILABLE REPAIR KIT(S):                              |             |                                         |     |      |            |
|                                                       | 7E-8923     | KIT-CRANKSHAFT BEARING (AIR COMPRESSOR) | 1   |      |            |
| (INCLUDES SEALS, BEARINGS, INSERTS, GASKETS & WASHER) |             |                                         |     |      |            |

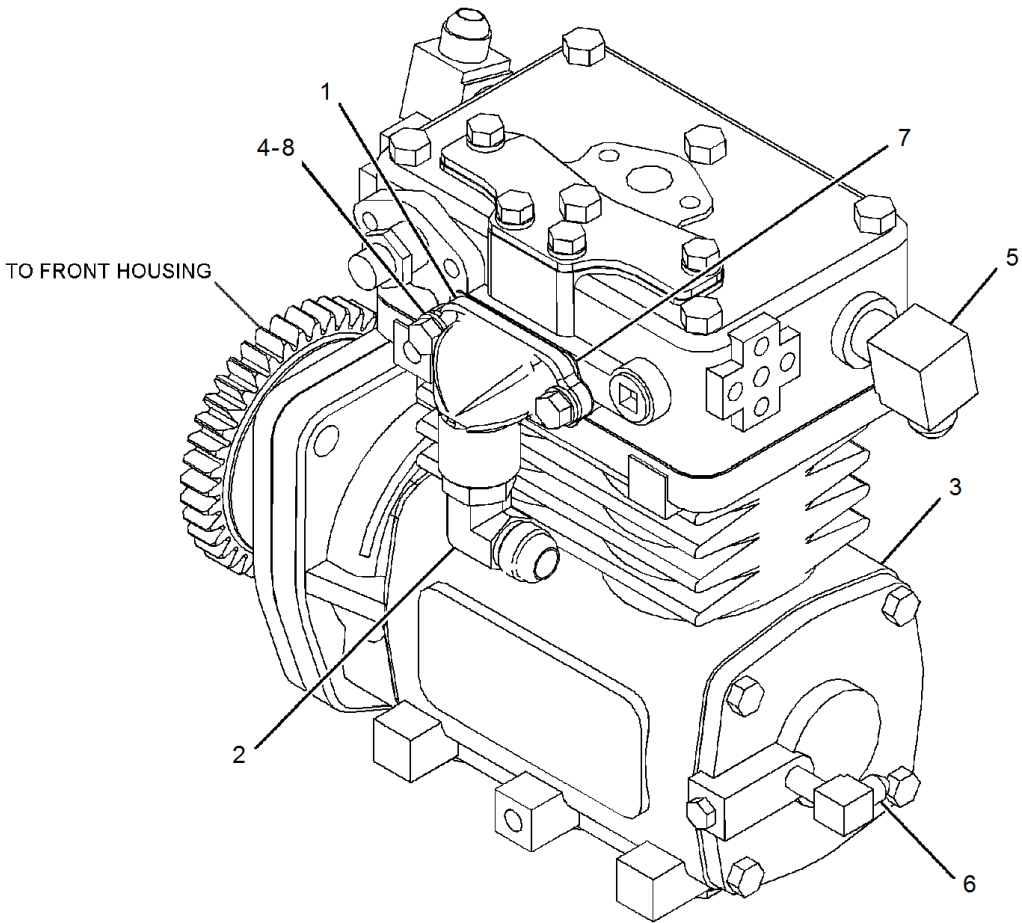
131-6679 AIR COMPRESSOR GP (continued)

| Ref. | Part number                                                  | Description                        | Qty | Code | Group page |
|------|--------------------------------------------------------------|------------------------------------|-----|------|------------|
|      | 164-7572                                                     | KIT-RING (AIR COMPRESSOR)          | 1   |      |            |
|      | (INCLUDES RINGS)                                             |                                    |     |      |            |
|      | 7E-8926                                                      | KIT-CYLINDER HEAD (AIR COMPRESSOR) | 1   |      |            |
|      | (INCLUDES GASKETS, PISTONS, SPRINGS, VALVES, SEATS & O-RING) |                                    |     |      |            |
|      | 150-5146                                                     | KIT-UNLOADER (AIR COMPRESSOR)      | 1   |      |            |

165-9169 AIR COMPRESSOR GP

165-9169 AIR COMPRESSOR GP S/N BET1-UP PART OF 165-9170, 238-2757 AIR COMPRESSOR GP

Drawing 1 of 1



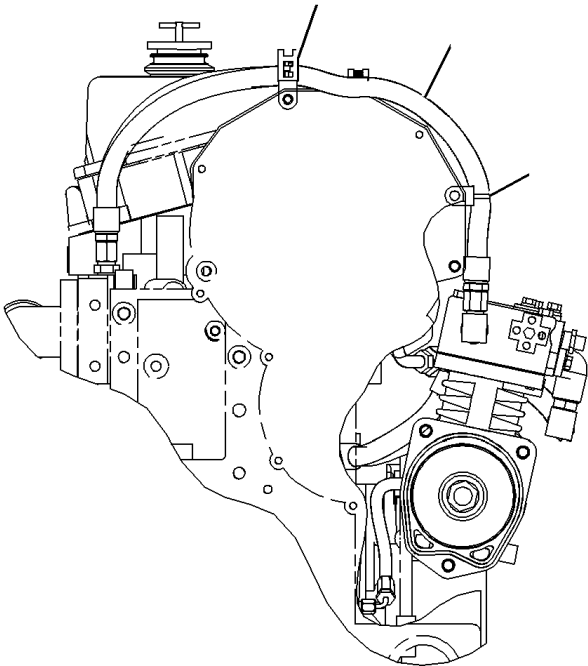
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 7W-5499     | ELBOW                         | 1   |      |            |
| 2    | 353-5133    | ELBOW AS                      | 1   |      |            |
|      | 030-7949    | ELBOW                         | 1   |      |            |
|      | 238-5081    | SEAL-O-RING                   | 1   |      |            |
| 3    | 354-7528    | AIR COMPRESSOR GP             | 1   | CY   |            |
| 4    | 2B-2695     | BOLT (5/16-18X0.875-IN)       | 2   |      |            |
| 5    | 2N-3378     | ELBOW-FLARED                  | 2   |      |            |
| 6    | 5P-4479     | ELBOW (FLARED-LONG)           | 1   |      |            |
| 7    | 8M-7065     | GASKET (AIR INLET)            | 1   |      |            |
| 8    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 2   |      |            |

CAT codes: C, Y.

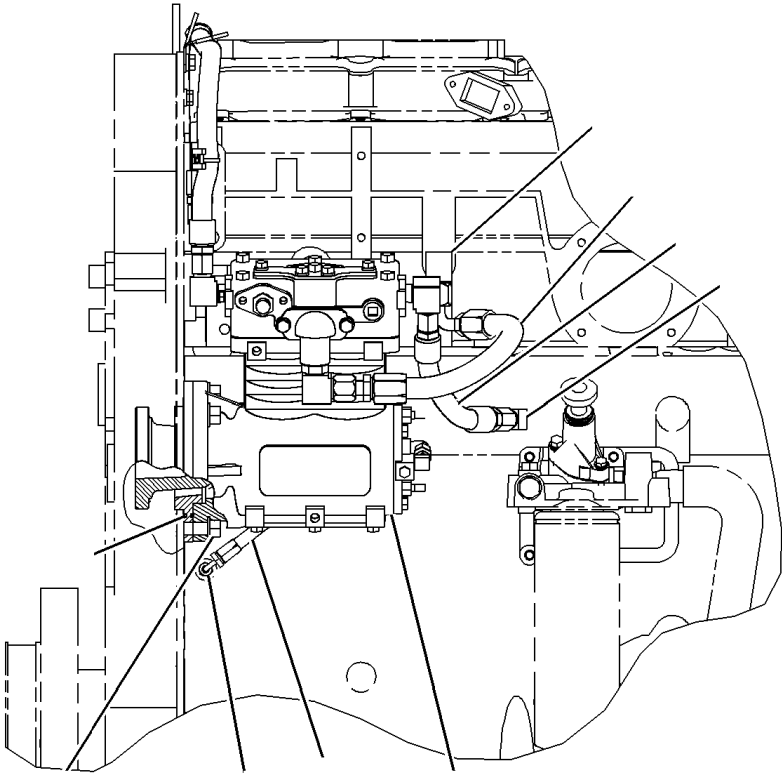
165-9170 AIR COMPRESSOR GP

165-9170 AIR COMPRESSOR GP S/N BET1-7998 GEAR DRIVEN, DRIVE RATIO 1:1.2, 13 CFM PART OF 160-0651 ENGINE AR-COMPLETE

Drawing 1 of 1



FRONT VIEW



LEFT SIDE VIEW

| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 3S-2093     | STRAP-CABLE           | 2   |      |            |
| 2    | 101-6596    | HOSE AS               | 1   | I    |            |
| 3    | 101-6605    | HOSE AS               | 1   | I    |            |
| 4    | 110-0004    | SEAL                  | 1   |      |            |
| 5    | 165-9169    | AIR COMPRESSOR GP     | 1   | Y    |            |
| 6    | 179-2886    | HOSE AS               | 1   | I    |            |
| 7    | 179-2887    | HOSE AS               | 1   | I    |            |
| 8    | 032-1269    | ELBOW                 | 1   |      |            |
| 9    | 1F-7958     | NUT-FULL (1/2-13-THD) | 3   |      |            |
| 10   | 2N-1288     | ELBOW                 | 1   |      |            |
| 11   | 4P-7581     | CLIP (LADDER)         | 1   |      |            |

165-9170 AIR COMPRESSOR GP (continued)

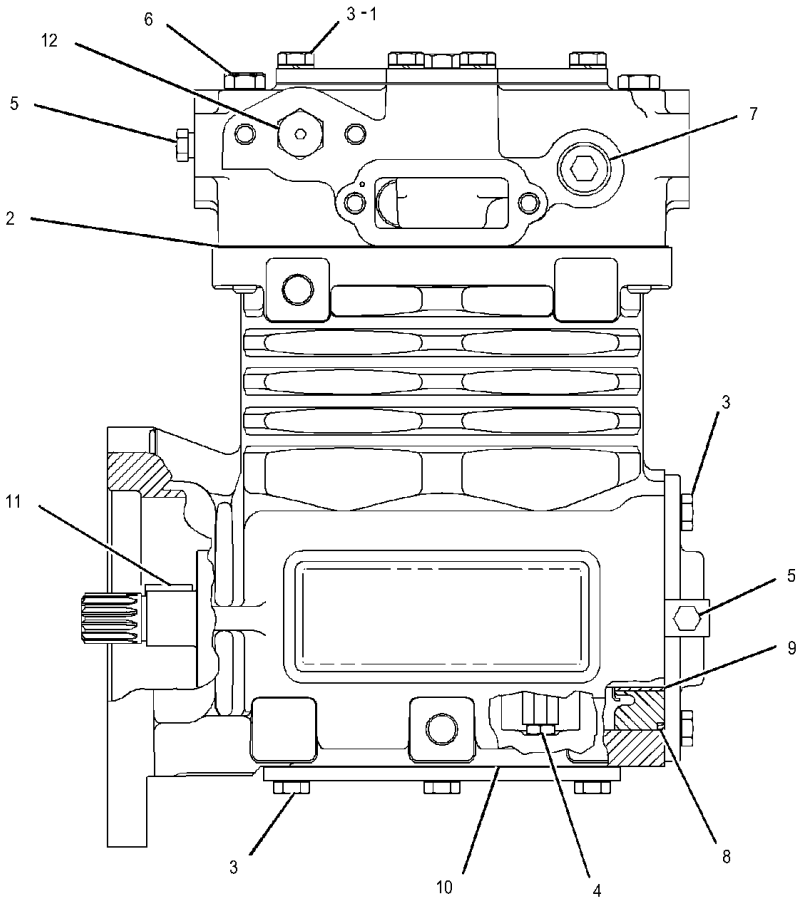
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 12   | 4P-8134     | CLIP (LADDER)                    | 1   |      |            |
| 13   | 5P-8245     | WASHER-HARD (13.5X25.5X3-MM THK) | 3   |      |            |
| 14   | 8L-6557     | CONNECTOR                        | 1   |      |            |

CAT codes: I, Y.

167-1288 AIR COMPRESSOR GP

167-1288 AIR COMPRESSOR GP S/N BET1-UP PART OF 354-7528 AIR COMPRESSOR GP FIELD REPLACEMENT ORDER 131-6679

Drawing 1 of 1



| Ref.                             | Part number | Description                      | Qty | Code | Group page |
|----------------------------------|-------------|----------------------------------|-----|------|------------|
| 1                                | 3B-4505     | LOCKWASHER                       | 4   |      |            |
| 2                                | 4P-3977     | GASKET-CYLINDER HEAD             | 1   |      |            |
| 3                                | 0S-1617     | BOLT (5/16-18X0.75-IN)           | 14  |      |            |
| 4                                | 4P-3966     | PISTON & ROD AS                  | 1   |      |            |
| (INCLUDES 2 PISTONS & 2 ROD AS.) |             |                                  |     |      |            |
| 5                                | 8T-6764     | PLUG-PIPE (1/8-27-THD)           | 2   |      |            |
| 6                                | 0L-1352     | BOLT (3/8-16X3.25-IN)            | 6   |      |            |
| 7                                | 8T-6762     | PLUG-PIPE (1/2-14-THD)           | 1   |      |            |
| 8                                | 2H-3934     | SEAL-O-RING                      | 1   |      |            |
| 9                                | 7C-6178     | BEARING-REAR                     | 1   |      |            |
| 10                               | 7E-8928     | GASKET                           | 1   |      |            |
| 11                               | 103-6216    | KEY-WOODRUFF                     | 1   |      |            |
| 12                               | 124-5572    | VALVE AS-RELIEF (AIR COMPRESSOR) | 1   |      |            |
| AVAILABLE REPAIR KIT(S):         |             |                                  |     |      |            |

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