

# CATERPILLAR 775D

8AS / SEBP2767

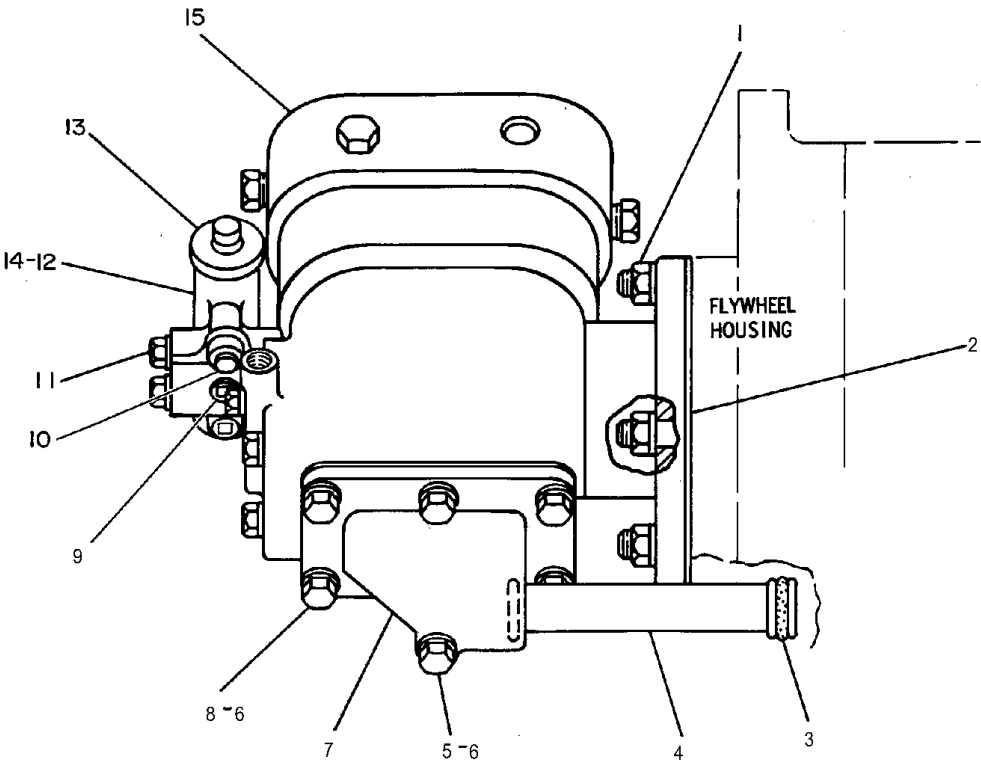
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| Fuel system                 |      |
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| Basic engine                |      |
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| Frame, guards and enclosure |      |
| Power train                 |      |
| Hydraulic system            |      |
| Hydraulic system            |      |
| Air inlet and exhaust       |      |
| Hydraulic system            |      |

4N-6842 AIR COMPRESSOR GP

4N-6842 AIR COMPRESSOR GP S/N 80M1032-UP PART OF 131-4878 ENGINE AR, 144-3578 ENGINE AR-CORE

Drawing 1 of 1



| Ref. | Part number | Description                              | Qty | Code | Group page |
|------|-------------|------------------------------------------|-----|------|------------|
| 1    | 1L-4076     | STUD (1/2-13X3.54-IN)                    | 3   | CB   |            |
|      | 1F-7958     | NUT-FULL (1/2-13-THD)                    | 3   |      |            |
|      | 2M-0849     | WASHER-HARD (13.5X25.5X5-MM THK)         | 3   |      |            |
| 2    | 129-3948    | SEAL-INTEGRAL                            | 1   | C    |            |
| 3    | 8F-4994     | SEAL-O-RING                              | 2   |      |            |
| 4    | 4N-6004     | TUBE                                     | 1   |      |            |
| 5    | 2H-5330     | BOLT (3/8-16X2.88-IN)                    | 1   |      |            |
| 6    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)       | 6   |      |            |
| 7    | 9L-6938     | COVER                                    | 1   |      |            |
|      | 6N-0634     | GASKET-COVER                             | 1   |      |            |
| 8    | 0L-1351     | BOLT (3/8-16X0.875-IN)                   | 5   | C    |            |
| 9    | 8T-6757     | PLUG-PIPE                                | 5   |      |            |
| 10   | 5F-5434     | VALVE AS-VENT (GOVERNOR, AIR COMPRESSOR) | 1   |      |            |
| 11   | 9M-0378     | BOLT (5/16-18X2.87-IN)                   | 2   | C    |            |
|      | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK)            | 2   |      |            |

**4N-6842 AIR COMPRESSOR GP** (continued)

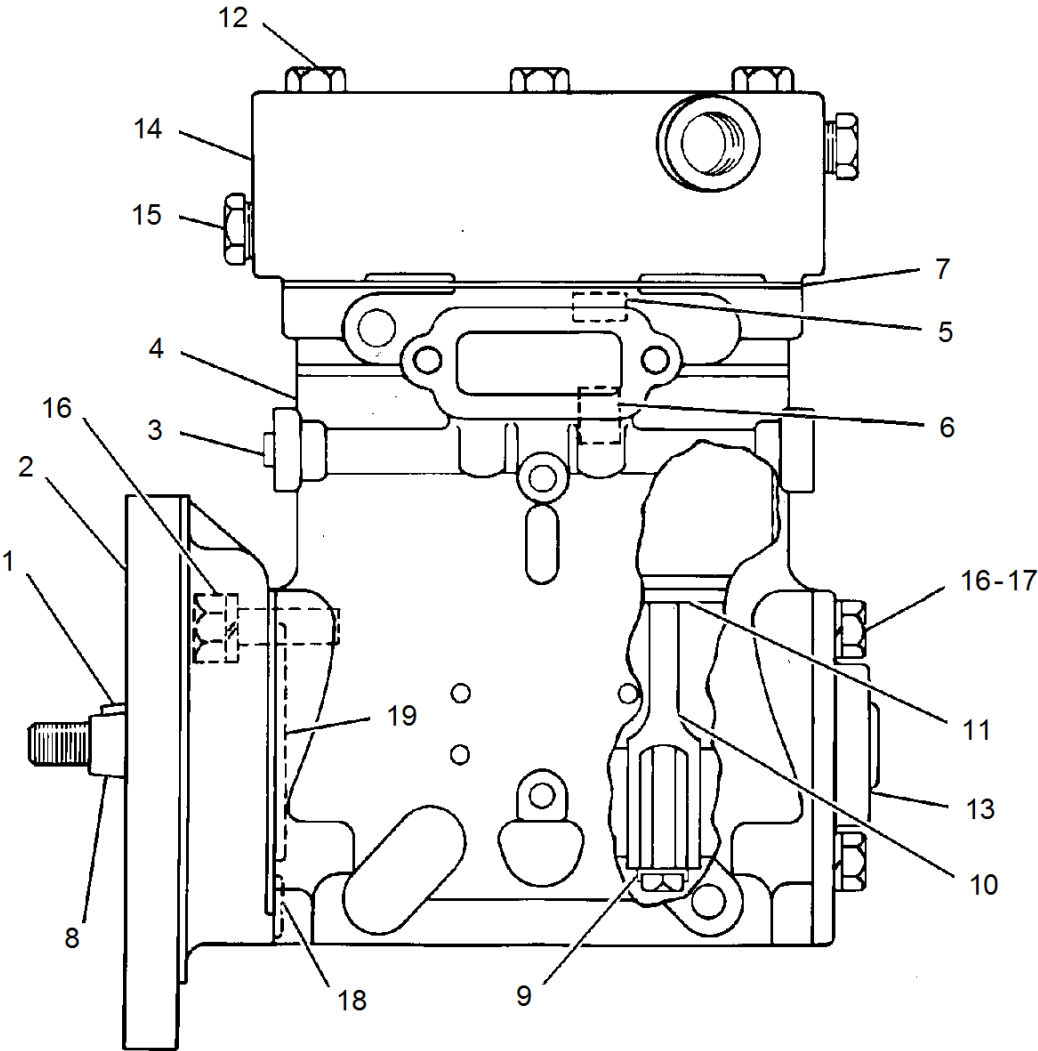
| Ref.                                               | Part number | Description                            | Qty | Code | Group page |
|----------------------------------------------------|-------------|----------------------------------------|-----|------|------------|
| 12                                                 | 4N-9680     | GOVERNOR GP-AIR COMPRESSOR             | 1   |      |            |
| 13                                                 | 2S-2923     | COVER AS                               | 1   |      |            |
|                                                    | 9M-0402     | KIT-GOVERNOR OVERHAUL (AIR COMPRESSOR) | 1   |      |            |
| (INCLUDES GROMMETS, SPRING, FILTER, VALVE & COVER) |             |                                        |     |      |            |
| 14                                                 | 6L-1883     | GASKET                                 | 1   |      |            |
| 15                                                 | 4N-7378     | AIR COMPRESSOR GP                      | 1   | Y    |            |

CAT codes: B, C, R, Y.

4N-7378 AIR COMPRESSOR GP

4N-7378 AIR COMPRESSOR GP S/N 80M1032-UP PART OF 4N-6842 AIR COMPRESSOR GP FIELD REPLACEMENT ORDER 7E-7739

Drawing 1 of 1



| Ref. | Part number | Description                 | Qty | Code | Group page |
|------|-------------|-----------------------------|-----|------|------------|
| 1    | 3F-5289     | KEY-CRANKSHAFT              | 1   |      |            |
| 2    | 6N-2102     | ADAPTER AS                  | 1   |      |            |
| 3    | 9F-2247     | PLUG-PIPE (1/8-27-THD)      | 1   |      |            |
| 4    | 6N-2099     | CRANKCASE AS-AIR COMPRESSOR | 1   |      |            |
| 5    | 9M-0381     | INSERT-INLET VALVE          | 2   |      |            |
| 6    | 7N-6172     | BUSHING-COMPRESSOR          | 2   |      |            |
| 7    | 6N-2098     | GASKET-CYLINDER HEAD        | 1   |      |            |
| 8    | 9N-2380     | CRANKSHAFT-AIR COMPRESSOR   | 1   |      |            |
| 9    | 7N-0243     | LOCK-ROD BOLT               | 2   |      |            |

**4N-7378 AIR COMPRESSOR GP** (continued)

| Ref.                                                                                                                                                      | Part number | Description                         | Qty | Code | Group page |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------|-----|------|------------|
| 10                                                                                                                                                        | 6N-2106     | ROD AS-CONNECTING                   | 2   |      |            |
| 11                                                                                                                                                        | 7N-4837     | PISTON AS-COMPRESSOR                | 2   | J    |            |
| (EACH INCLUDES)                                                                                                                                           |             |                                     |     |      |            |
|                                                                                                                                                           | 1W-2803     | PLUG                                | 2   |      |            |
| 12                                                                                                                                                        | 0S-1619     | BOLT (3/8-16X3-IN)                  | 6   |      |            |
| 13                                                                                                                                                        | 6N-2100     | COVER AS-REAR                       | 1   |      |            |
| 14                                                                                                                                                        | 6N-2097     | HEAD AS-COMPRESSOR (AIR)            | 1   |      |            |
|                                                                                                                                                           | 3J-5390     | PLUG (3/8-18-THD)                   |     | AB   |            |
| 15                                                                                                                                                        | 3J-5389     | PLUG (EXTERNAL)                     | 3   |      |            |
| 16                                                                                                                                                        | 5P-0060     | BOLT (7/16-14X0.75-IN)              | 8   |      |            |
| 17                                                                                                                                                        | 3B-4507     | LOCKWASHER                          | 4   |      |            |
| 18                                                                                                                                                        | 8N-3665     | KIT-SEAL (AIR COMPRESSOR)           | 1   |      |            |
| (INCLUDES SEALS, RETAINERS & INSTRUCTIONS)                                                                                                                |             |                                     |     |      |            |
| 19                                                                                                                                                        | 5M-6509     | SEAL-O-RING                         | 2   |      |            |
| AVAILABLE REPAIR KIT(S):                                                                                                                                  |             |                                     |     |      |            |
|                                                                                                                                                           | 8N-3666     | KIT-AIR COMPRESSOR                  | 1   | C    |            |
| (INCLUDES PISTONS, GUIDE, PLUNGER, SEAT, SPRING, SADDLE, RINGS, BOLTS, WASHERS, LOCKWASHERS, LOCK, BEARING, BUTTONS, VALVES, GASKETS, & INSTRUCTION FORM) |             |                                     |     |      |            |
|                                                                                                                                                           | 6N-2109     | KIT-PISTON RING (AIR COMPRESSOR)    | 1   |      |            |
| (INCLUDES COMPLETE SET OF RINGS FOR ONE COMPRESSOR)                                                                                                       |             |                                     |     |      |            |
|                                                                                                                                                           | 6I-1220     | KIT-UNLOADER (AIR COMPRESSOR)       | 1   |      |            |
|                                                                                                                                                           | 110-1337    | KIT-PISTON RING (COMPRESSOR 5 RING) | 1   | J    |            |

CAT codes: A, B, C, J.

7E-7739 AIR COMPRESSOR GP

7E-7739 AIR COMPRESSOR GP S/N 80M1032-UP FIELD REPLACEMENT FOR 4N-7378

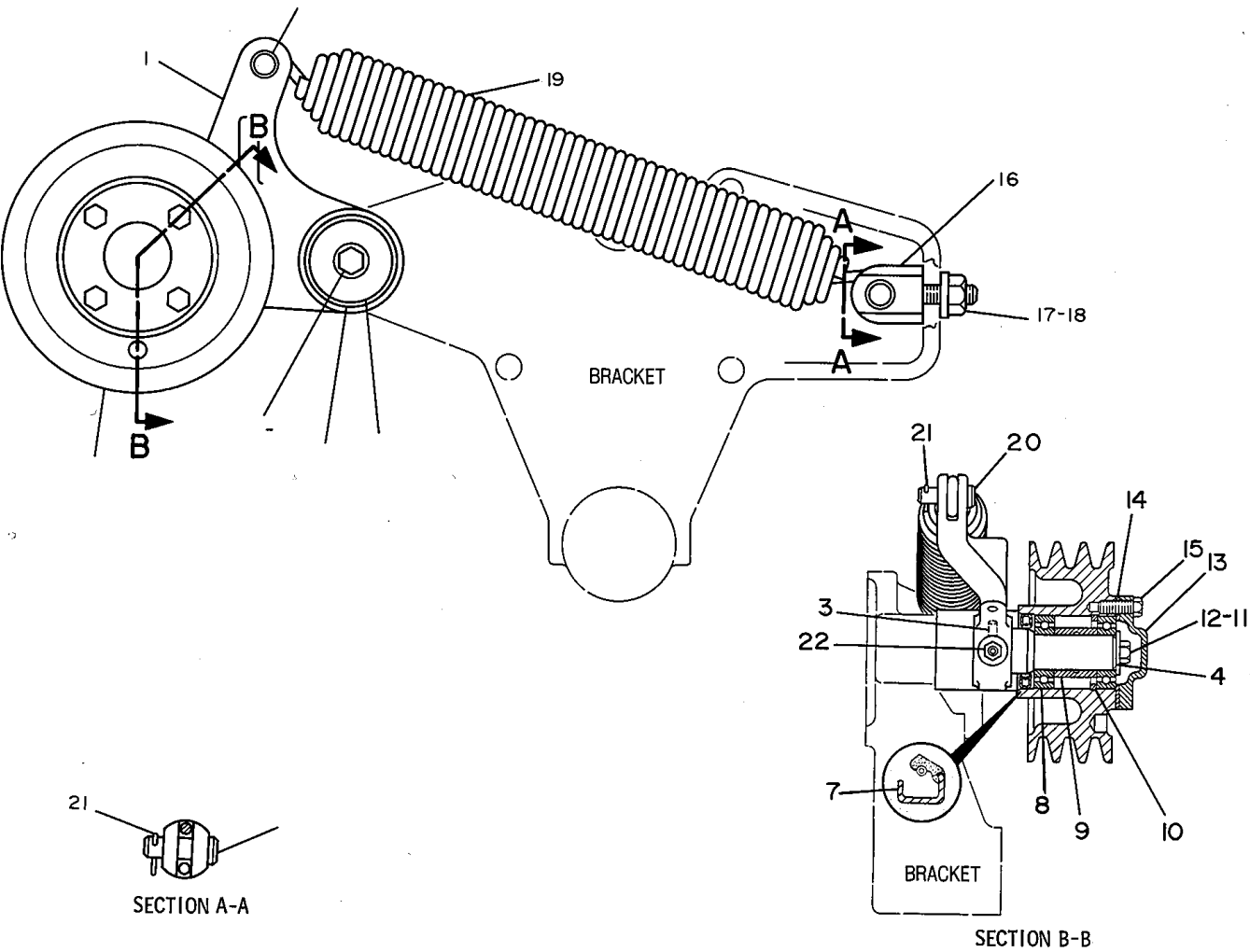
Kit / parts list. The current source card does not provide a separate drawing.

| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
|      | 6I-1220     | KIT-UNLOADER (AIR COMPRESSOR) | 1   |      |            |

125-5072 BELT TENSIONER GP

125-5072 BELT TENSIONER GP S/N 80M1032-UP PART OF 128-8558 INSTALLATION AR-ENGINE

Drawing 1 of 1



| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 9N-6670     | ARM AS                             | 1   |      |            |
| 2    | 4S-5367     | BUSHING AS (MOUNT)                 | 1   |      |            |
| 3    | 4N-0955     | DOWEL                              | 1   |      |            |
| 4    | 8N-4550     | SHAFT-PULLEY                       | 1   |      |            |
| 5    | 8T-4896     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 1   |      |            |
| 6    | 6N-3641     | PULLEY-TIGHTENER                   | 1   |      |            |
| 7    | 5M-9735     | SEAL-LIP TYPE                      | 1   |      |            |
| 8    | 6B-1124     | BALL BEARING                       | 2   |      |            |
| 9    | 1S-8687     | SPACER (25.5X33.4X31.75-MM THK)    | 1   |      |            |
| 10   | 8B-2327     | RING-RETAINING                     | 1   |      |            |
| 11   | 2S-6160     | WASHER-HARD (10.2X32X5-MM THK)     | 1   |      |            |

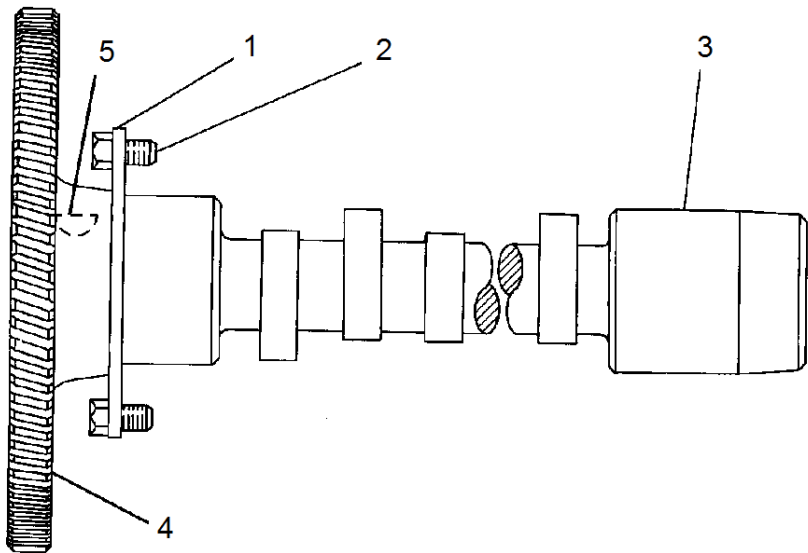
**125-5072 BELT TENSIONER GP** (continued)

| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 12   | 0S-0509     | BOLT (3/8-16X0.75-IN)            | 1   |      |            |
| 13   | 2S-6150     | COVER-PULLEY                     | 1   |      |            |
| 14   | 2S-6151     | GASKET                           | 1   |      |            |
| 15   | 4M-6425     | BOLT (5/16-18X1-IN)              | 4   |      |            |
| 16   | 7W-1399     | RETAINER-SPRING                  | 1   |      |            |
| 17   | 6V-8188     | NUT (1/2-13-THD)                 | 1   |      |            |
| 18   | 8T-4223     | WASHER-HARD (13.5X25.5X3-MM THK) | 1   |      |            |
| 19   | 125-5071    | SPRING                           | 1   |      |            |
| 20   | 0S-0175     | PIN-CLEVIS                       | 2   |      |            |
| 21   | 3B-4617     | PIN-COTTER                       | 2   |      |            |
| 22   | 3B-8489     | FITTING-GREASE (1/8-27 PTF)      | 1   |      |            |
| 23   | 2M-2742     | PLATE-RETAINER                   | 1   |      |            |
| 24   | 5S-7379     | BOLT (3/8-16X0.875-IN)           | 1   |      |            |

108-1553 CAMSHAFT GP

108-1553 CAMSHAFT GP S/N 80M1032-UP PART OF 131-4878 ENGINE AR, 144-3578 ENGINE AR-CORE

Drawing 1 of 1



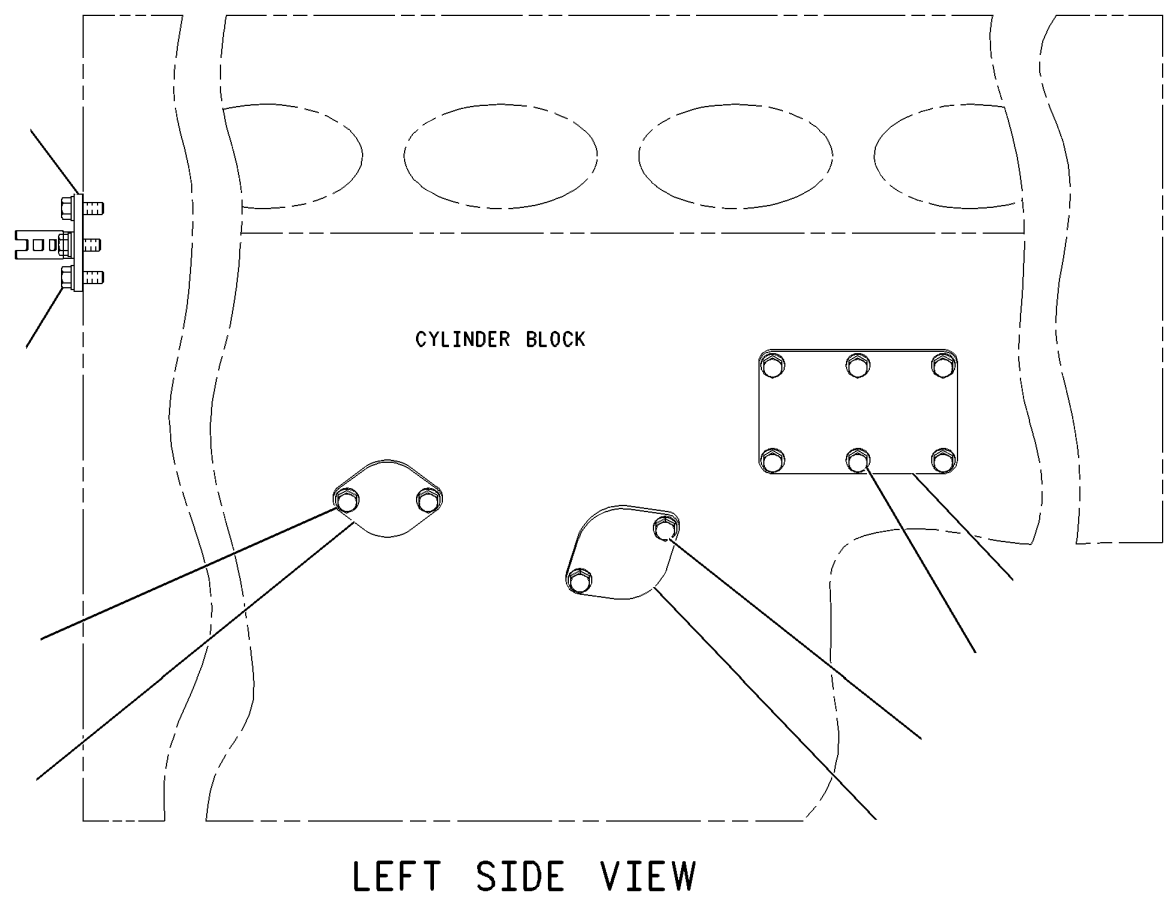
| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 4N-0342     | PLATE                 | 1   |      |            |
| 2    | 0S-0509     | BOLT (3/8-16X0.75-IN) | 2   |      |            |
| 3    | 108-6278    | CAMSHAFT AS           | 1   |      |            |
| 4    | 101-3374    | GEAR (86-TEETH)       | 1   |      |            |
| 5    | 1B-8705     | KEY-WOODRUFF          | 1   |      |            |

CAT codes: R.

129-5229 COVER GP-CYLINDER BLOCK

129-5229 COVER GP-CYLINDER BLOCK S/N 80M1032-8459 PART OF 131-4878 ENGINE AR

Drawing 1 of 1



| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 4N-1683     | COVER                              | 1   |      |            |
| 2    | 4N-1684     | GASKET                             | 1   |      |            |
| 3    | 0S-1594     | BOLT (3/8-16X1-IN)                 | 13  |      |            |
| 4    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 13  |      |            |
| 5    | 2P-2772     | COVER                              | 1   |      |            |
| 6    | 234-8937    | SEAL-INTEGRAL                      | 1   |      |            |
| 7    | 4N-0794     | COVER                              | 1   |      |            |
| 8    | 7C-0307     | GASKET                             | 1   |      |            |
| 9    | 4N-1682     | COVER                              | 1   |      |            |
| 10   | 4N-0864     | GASKET                             | 1   |      |            |

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