

# CATERPILLAR 621B

45P / SEBP4385

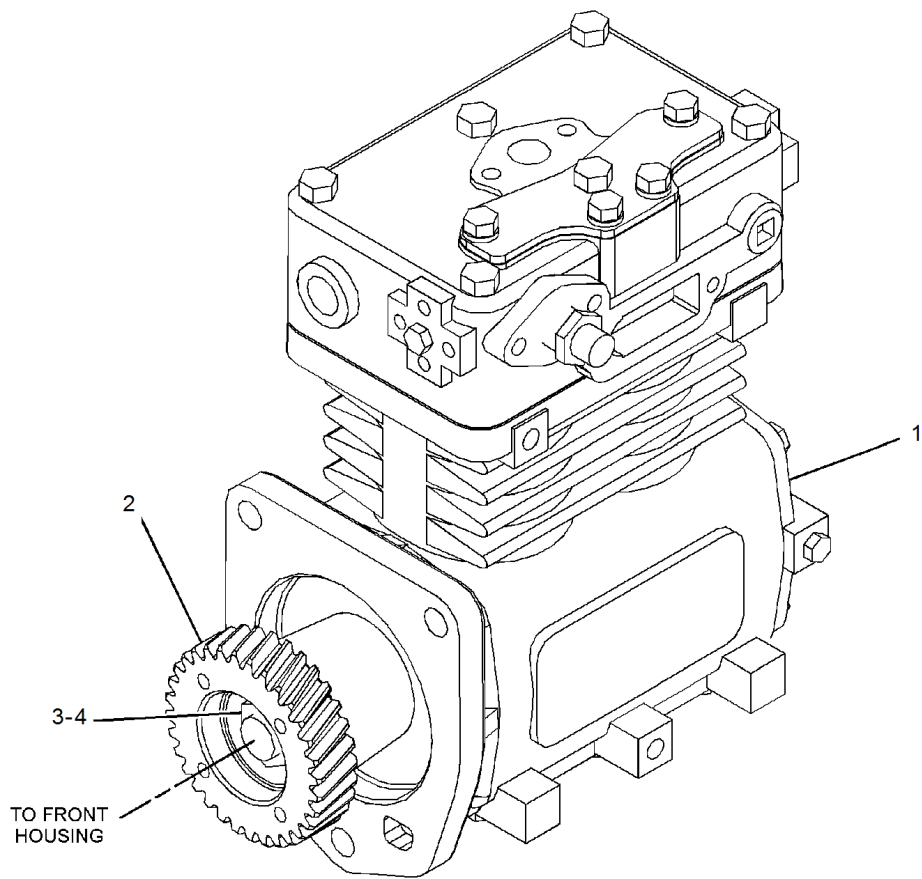
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# 354-7532 AIR COMPRESSOR GP

354-7532 AIR COMPRESSOR GP S/N TXC1-UP; 41Z1-UP PART OF 4P-1912 AIR COMPRESSOR GP

Drawing 1 of 1



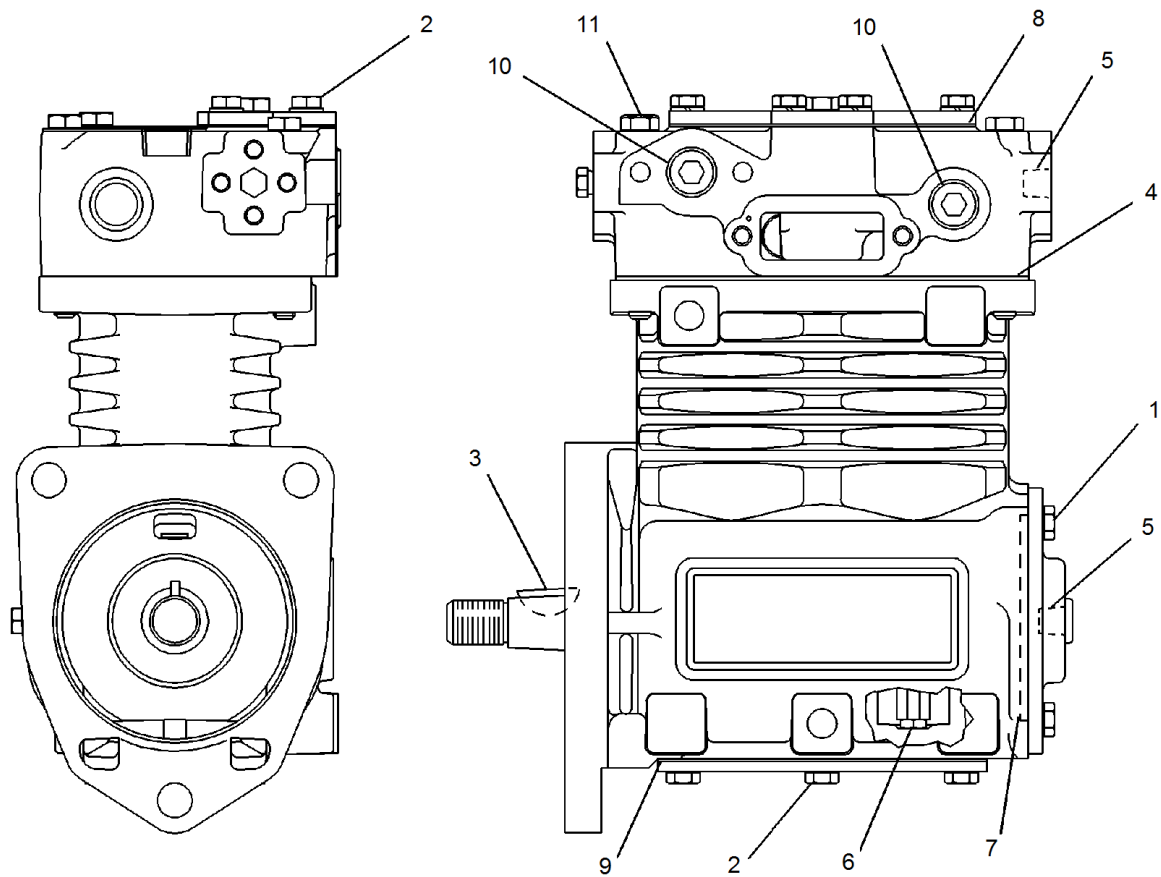
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 4P-0676     | AIR COMPRESSOR GP                | 1   | Y    |            |
| 2    | 7W-0140     | GEAR-DRIVE (32-TEETH)            | 1   |      |            |
| 3    | 5P-8248     | WASHER-HARD (20X36.5X3.5-MM THK) | 1   |      |            |
| 4    | 6B-6682     | NUT-FULL (3/4-16-THD)            | 1   |      |            |

CAT codes: R, Y.

4P-0676 AIR COMPRESSOR GP

4P-0676 AIR COMPRESSOR GP S/N TXC1-UP; 41Z1-UP PART OF 354-7532 AIR COMPRESSOR GP

Drawing 1 of 1



| Ref.                     | Part number | Description               | Qty | Code | Group page |
|--------------------------|-------------|---------------------------|-----|------|------------|
| 1                        | 0S-1615     | BOLT (1/4-20X0.75-IN)     | 4   |      |            |
| 2                        | 0S-1617     | BOLT (5/16-18X0.75-IN)    | 10  |      |            |
| 3                        | 1B-8714     | KEY-WOODRUFF              | 1   |      |            |
| 4                        | 4P-3977     | GASKET-CYLINDER HEAD      | 1   |      |            |
| 5                        | 5M-6214     | PLUG (1/8-27 PTF)         | 2   |      |            |
| 6                        | 4P-3966     | PISTON & ROD AS           | 1   |      |            |
| 7                        | 7C-6178     | BEARING-REAR              | 1   |      |            |
| 8                        | 7E-8927     | GASKET-UNLOADER           | 1   |      |            |
| 9                        | 7E-8928     | GASKET                    | 1   |      |            |
| 10                       | 6V-0387     | PLUG-PIPE                 | 2   |      |            |
| 11                       | 8T-8915     | BOLT (3/8-16X3.25-IN)     | 6   |      |            |
| AVAILABLE REPAIR KIT(S): |             |                           |     |      |            |
|                          | 164-7572    | KIT-RING (AIR COMPRESSOR) | 1   |      |            |
| (INCL RINGS-STD PISTON,  |             |                           |     |      |            |
| RINGS-PSTN SEG,          |             |                           |     |      |            |

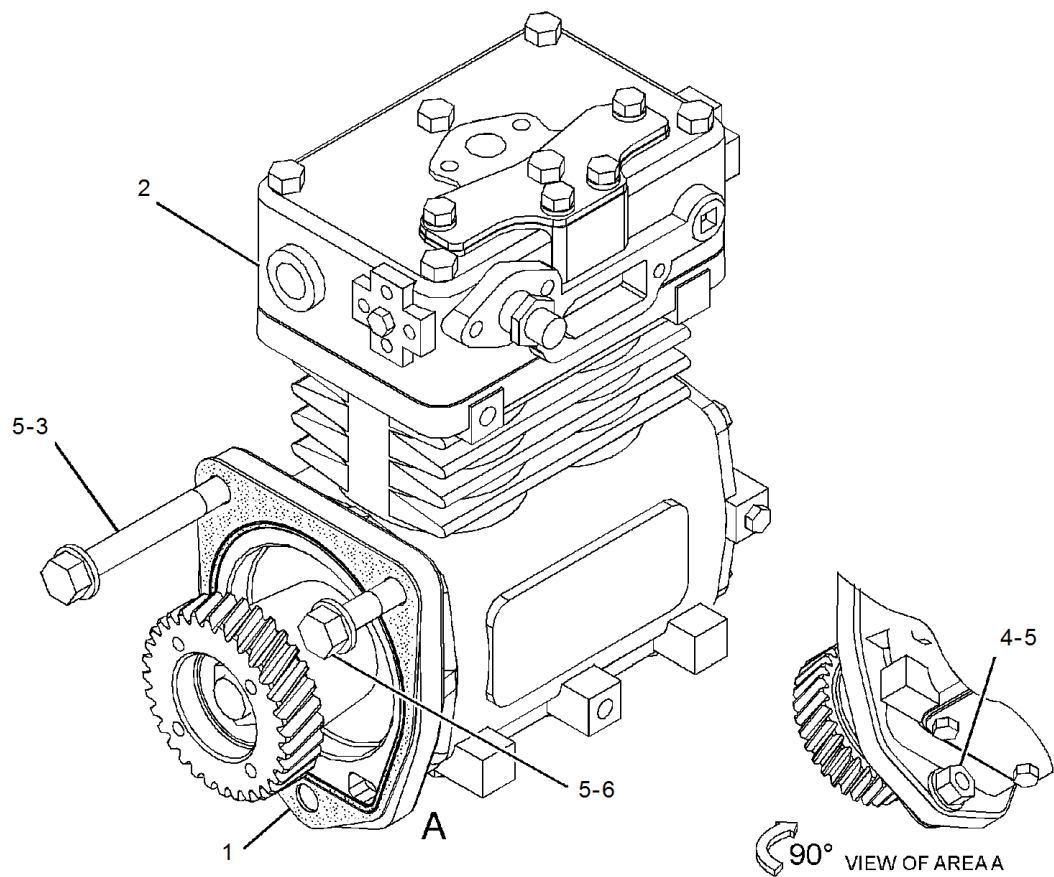
4P-0676 AIR COMPRESSOR GP (continued)

| Ref. | Part number | Description                                                           | Qty. | Code | Group page |
|------|-------------|-----------------------------------------------------------------------|------|------|------------|
|      |             | RINGS-STD SPACER,<br>AND SHEET-INST)                                  |      |      |            |
|      | 7E-8926     | KIT-CYLINDER HEAD (AIR COMPRESSOR)                                    | 1    |      |            |
|      |             | (INCL GASKETS, PISTONS,<br>SPRINGS, STOPS, VALVES,<br>SEATS & O-RING) |      |      |            |
|      | 7E-8923     | KIT-CRANKSHAFT BEARING (AIR COMPRESSOR)                               | 1    |      |            |
|      |             | (INCL SEALS, BEARINGS,<br>WASHERS, INSERTS,<br>AND GASKETS)           |      |      |            |
|      | 150-5146    | KIT-UNLOADER (AIR COMPRESSOR)                                         | 1    |      |            |

4P-1912 AIR COMPRESSOR GP

4P-1912 AIR COMPRESSOR GP S/N TXC1-UP; 41Z1-UP 13 CFM, DRIVE RATIO 1:1

Drawing 1 of 1



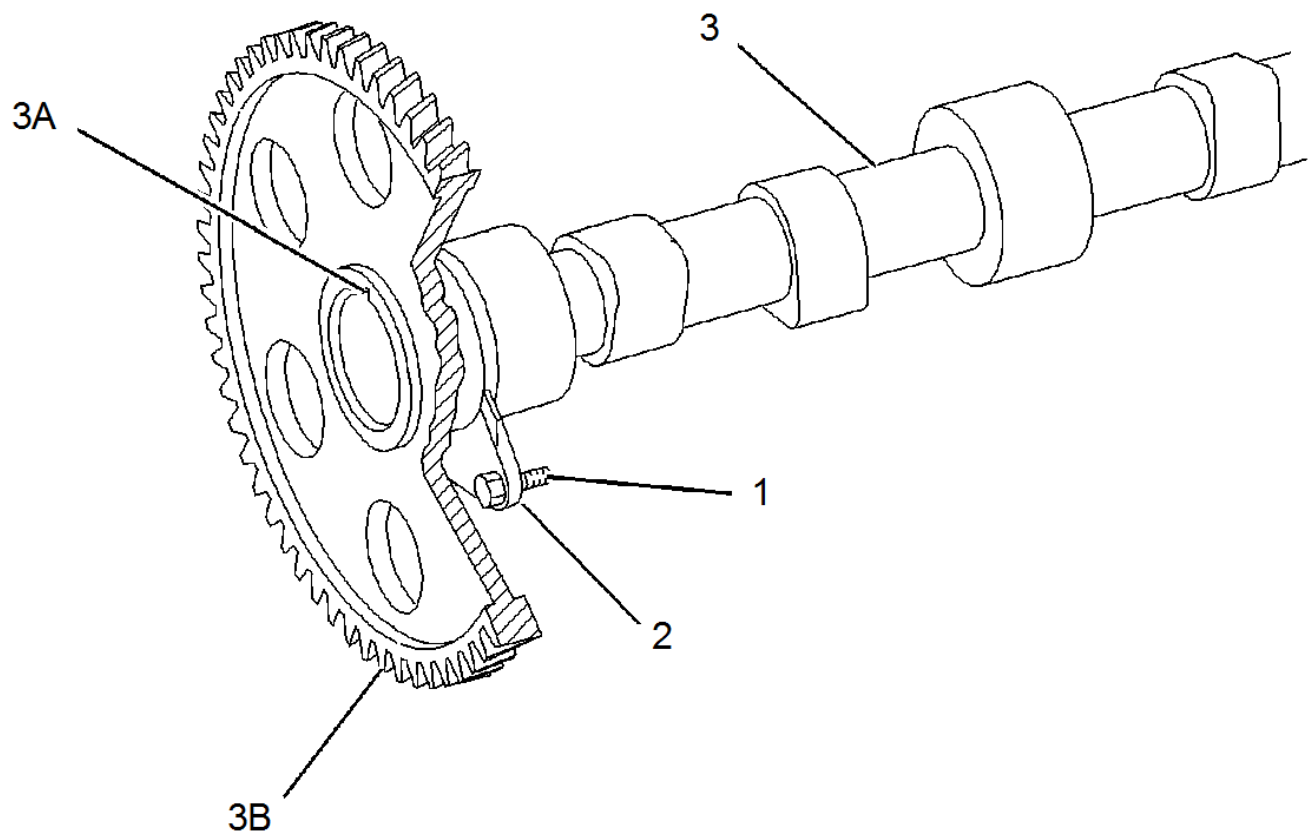
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 129-3948    | SEAL-INTEGRAL                    | 1   |      |            |
| 2    | 354-7532    | AIR COMPRESSOR GP                | 1   | Y    |            |
| 3    | 1D-4569     | BOLT (1/2-13X4.25-IN)            | 1   |      |            |
| 4    | 1F-7958     | NUT-FULL (1/2-13-THD)            | 1   |      |            |
| 5    | 5P-8245     | WASHER-HARD (13.5X25.5X3-MM THK) | 3   |      |            |
| 6    | 9X-8873     | BOLT (1/2-13X2.25-IN)            | 1   |      |            |

CAT codes: Y.

7W-3798 CAMSHAFT GP -SINGLE

7W-3798 CAMSHAFT GP -SINGLE S/N TXC1-UP; 41Z1-UP

Drawing 1 of 1



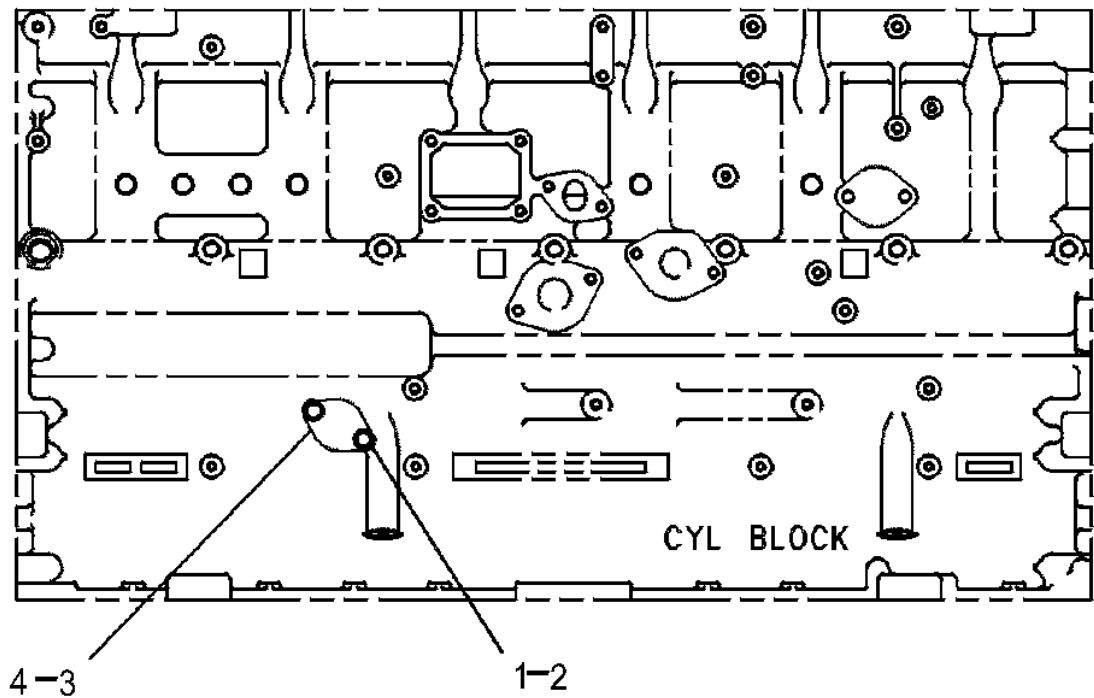
| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 0S-0509     | BOLT (3/8-16X0.75-IN)    | 2   |      |            |
| 2    | 4N-0342     | PLATE                    | 1   |      |            |
| 3    | 100-7408    | CAMSHAFT AS              | 1   |      |            |
| 3A   | 1B-8705     | KEY-WOODRUFF             | 1   |      |            |
| 3B   | 8N-8254     | GEAR-CAMSHAFT (64-TEETH) | 1   |      |            |

CAT codes: R.

107-6736 COVER GP-CYLINDER BLOCK

107-6736 COVER GP-CYLINDER BLOCK S/N TXC1-UP; 41Z27219-UP FOR USE WITH MID MOUNTED TURBO AND/OR RH OIL FILL

Drawing 1 of 1



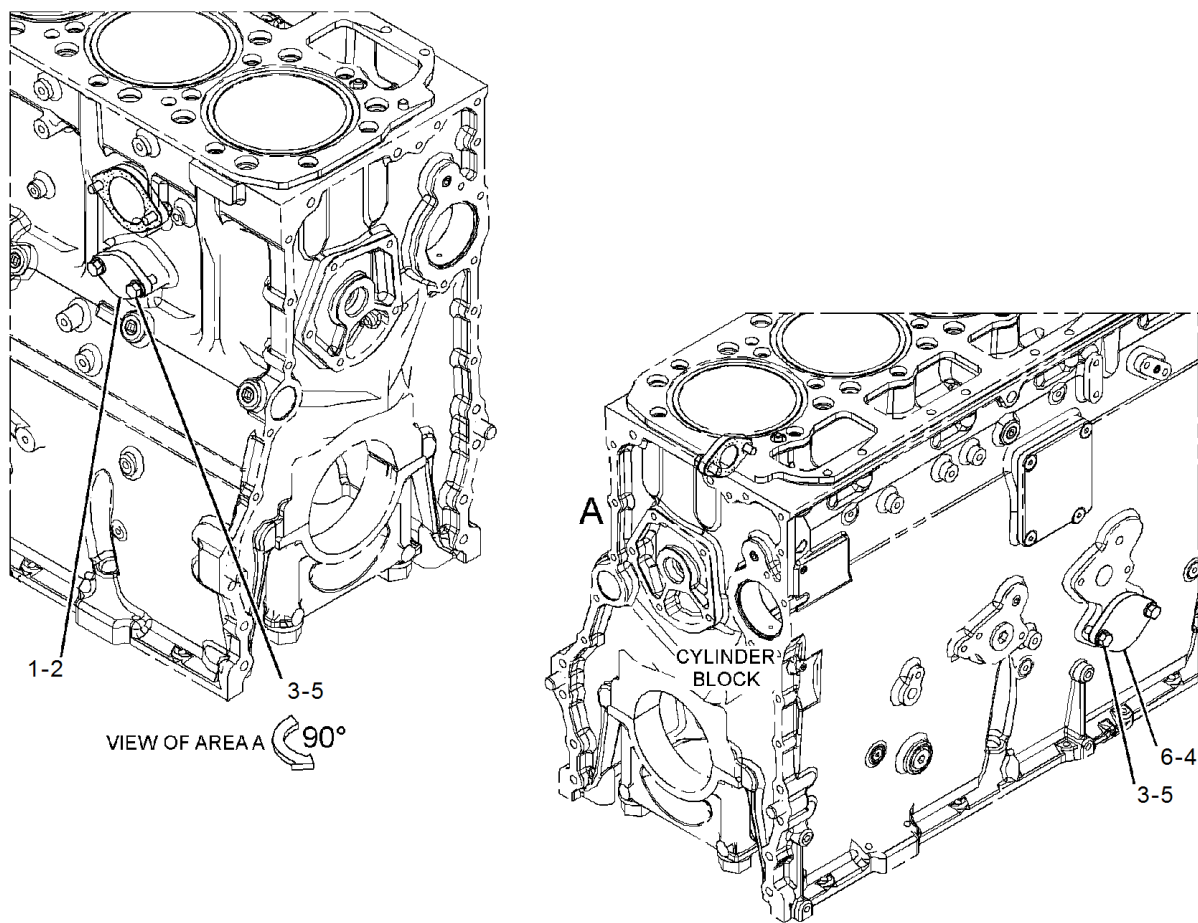
LEFT SIDE VIEW

| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 0S-1594     | BOLT (3/8-16X1-IN)                 | 2   |      |            |
| 2    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 2   |      |            |
| 3    | 4W-9890     | COVER                              | 1   |      |            |
| 4    | 4N-0699     | GASKET                             | 1   |      |            |

370-7333 COVER GP-CYLINDER BLOCK

370-7333 COVER GP-CYLINDER BLOCK S/N TXC1-UP; 41Z27219-UP

Drawing 1 of 1

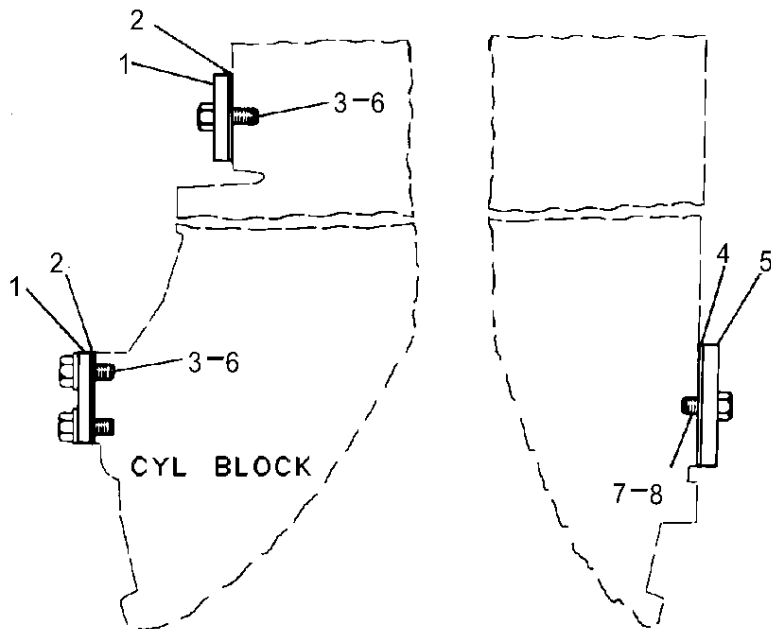


| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 4N-0699     | GASKET                             | 1   |      |            |
| 2    | 4W-9890     | COVER                              | 1   |      |            |
| 3    | 0S-1594     | BOLT (3/8-16X1-IN)                 | 4   |      |            |
| 4    | 4N-0794     | COVER                              | 1   |      |            |
| 5    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 4   |      |            |
| 6    | 7C-0307     | GASKET                             | 1   |      |            |

9N-0684 COVER GP-CYLINDER BLOCK

9N-0684 COVER GP-CYLINDER BLOCK S/N 41Z1-UP

Drawing 1 of 1



FRONT VIEW

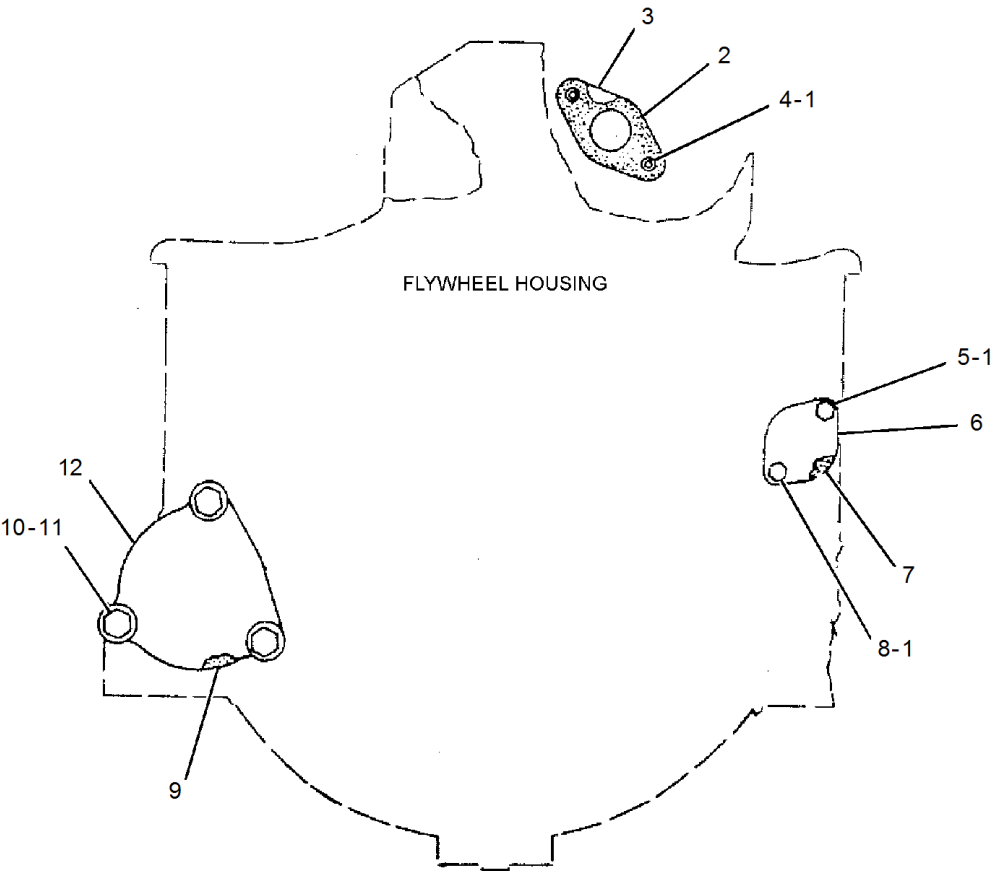
| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 4W-9890     | COVER                              | 2   |      |            |
| 2    | 4N-0699     | GASKET                             | 2   |      |            |
| 3    | 0S-1594     | BOLT (3/8-16X1-IN)                 | 4   | C    |            |
| 4    | 7C-0307     | GASKET                             | 1   | BC   |            |
| 5    | 4N-0794     | COVER                              | 1   | BC   |            |
| 6    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 4   | C    |            |
| 7    | 0S-1594     | BOLT (3/8-16X1-IN)                 | 4   | BC   |            |
| 8    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 4   | BC   |            |

CAT codes: B, C.

4N-4792 COVER GP-FLYWHEEL HOUSING

4N-4792 COVER GP-FLYWHEEL HOUSING S/N TXC1-UP; 41Z1-UP

Drawing 1 of 1



| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 4   |      |            |
| 2    | 5H-0244     | GASKET                             | 1   |      |            |
| 3    | 8F-3030     | FLANGE                             | 1   |      |            |
| 4    | 0S-1588     | BOLT (3/8-16X1.25-IN)              | 2   |      |            |
| 5    | 0S-1619     | BOLT (3/8-16X3-IN)                 | 1   |      |            |
| 6    | 2P-2772     | COVER                              | 1   |      |            |
| 7    | 234-8937    | SEAL-INTEGRAL                      | 1   |      |            |
| 8    | 0S-1594     | BOLT (3/8-16X1-IN)                 | 1   |      |            |
| 9    | 9Y-6089     | GASKET                             | 1   | C    |            |
| 10   | 4B-4043     | BOLT (5/8-11X1.375-IN)             | 3   | C    |            |
| 11   | 5P-8247     | WASHER-HARD (17X32X3.5-MM THK)     | 3   | C    |            |
| 12   | 3H-0761     | COVER-OPENING                      | 1   | C    |            |

CAT codes: C.

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