

# CATERPILLAR 980F II

4RN / SEBP2346

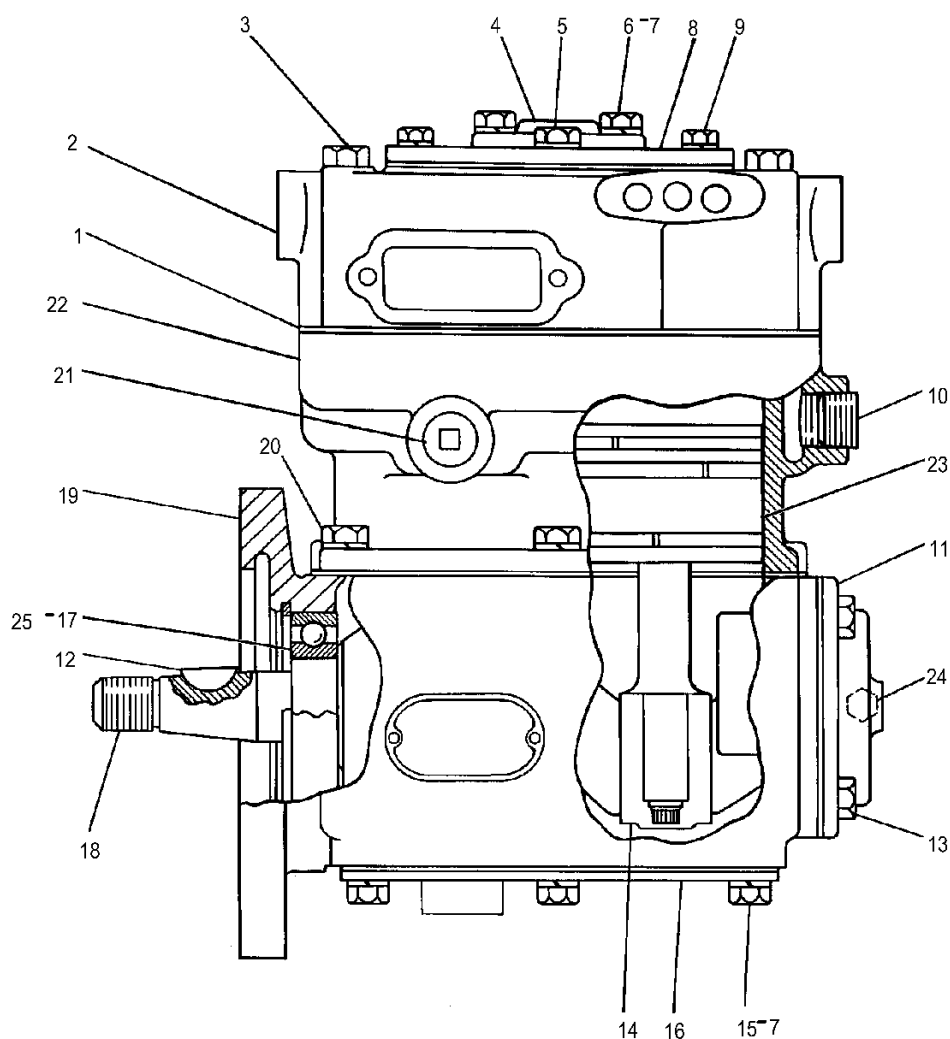
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| Fuel system                  |      |
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| Basic engine                 |      |
| Basic engine                 |      |
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| Power train                  |      |
| Frame, guards and enclosure  |      |
| Hydraulic system             |      |
| Hydraulic system             |      |
| Hydraulic system             |      |
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## 4W-6425 AIR COMPRESSOR GP

4W6425 AIR COMPRESSOR GP\*R PART OF 9Y1775 AIR COMPRESSOR ALSO AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 7N-7448     | GASKET-AIR COMPRESSOR | 1   |      |            |
| 2    | 7N-7447     | HEAD AS-COMPRESSOR    | 1   |      |            |
| 3    | 0S-1619     | BOLT                  | 5   |      |            |
| 4    | 7N-7449     | ADAPTER               | 1   |      |            |
|      | 1S-7107     | GASKET                | 1   |      |            |
| 5    | 0L-1352     | BOLT                  | 1   |      |            |
|      | 5M-2894     | WASHER                | 1   |      |            |
| 6    | 2B-2695     | BOLT                  | 2   |      |            |
| 7    | 3B-4505     | LOCKWASHER            | 8   |      |            |
| 8    | 7N-7450     | COVER-UNLOADER        | 1   |      |            |
|      | 7N-7451     | GASKET-UNLOADER       | 1   |      |            |

**4W-6425 AIR COMPRESSOR GP** (continued)

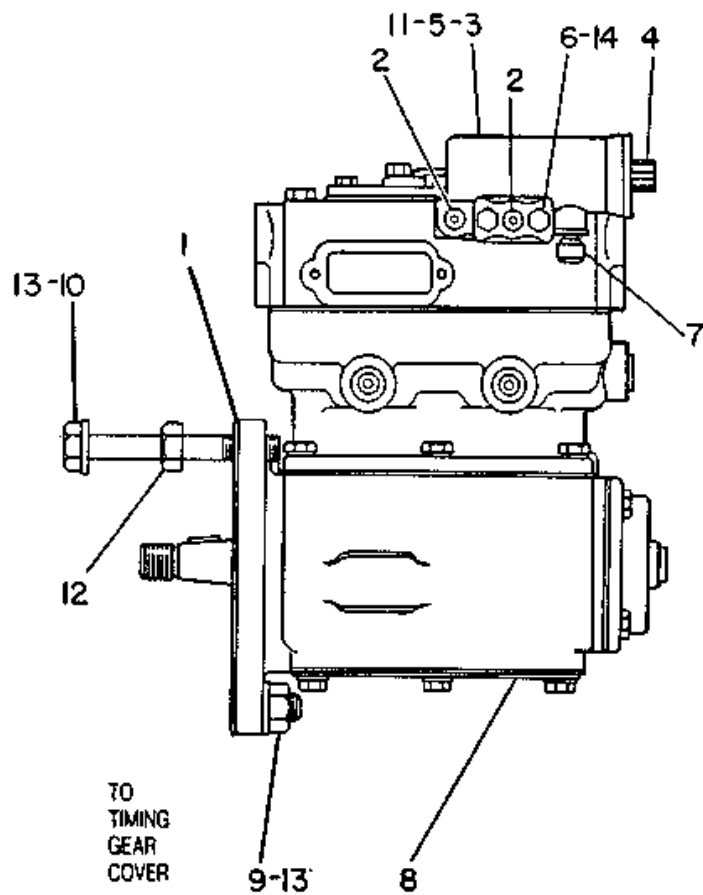
| Ref.                    | Part number | Description                         | Qty | Code | Group page |
|-------------------------|-------------|-------------------------------------|-----|------|------------|
| 9                       | 0S-1615     | BOLT                                | 2   |      |            |
|                         | 3B-4504     | LOCKWASHER                          | 2   |      |            |
| 10                      | 2B-0858     | PLUG-PIPE                           | 1   |      |            |
| 11                      | 7N-7441     | COVER-AIR COMPRESSOR                | 1   |      |            |
|                         | 7N-7442     | GASKET-AIR COMPRESSOR               | 1   |      |            |
| 12                      | 1B-8714     | KEY-WOODRUFF                        | 1   |      |            |
| 13                      | 034-4160    | BOLT-SELF LOCKING                   | 4   |      |            |
| 14                      | 7N-7444     | ROD AS-AIR COMPRESSOR               | 2   |      |            |
| 15                      | 0S-1617     | BOLT                                | 6   |      |            |
| 16                      | 7N-7439     | PLATE-COVER                         | 1   |      |            |
|                         | 7N-7440     | GASKET-AIR COMPRESSOR               | 1   |      |            |
| 17                      | 8H-9789     | BALL BEARING                        | 2   |      |            |
| 18                      | 4W-6706     | CRANKSHAFT-AIR                      | 1   |      |            |
| 19                      | 4W-6681     | CRANKCASE AS                        | 1   |      |            |
| 20                      | 1A-2029     | BOLT                                | 6   |      |            |
|                         | 3B-4506     | LOCKWASHER                          | 6   |      |            |
| 21                      | 4B-4845     | PLUG (PIPE)                         | 2   |      |            |
| 22                      | 7N-7445     | CYLINDER BLOCK                      | 1   |      |            |
|                         | 7N-7446     | GASKET-AIR COMPRESSOR               | 1   |      |            |
| 23                      | 7N-7443     | PISTON AS-COMPRESSOR                | 2   |      |            |
| 24                      | 5M-6214     | PLUG-PIPE                           | 1   |      |            |
| 25                      | 4W-9489     | LOCKRING                            | 1   | C    |            |
| THE FOLLOWING REPAIR    |             |                                     |     |      |            |
| KITS ARE AVAILABLE:     |             |                                     |     |      |            |
|                         | 7N-7435     | KIT-AIR COMPRESSOR (INCLUDES STOPS, | 1   |      |            |
| SPRINGS, SEATS, GUIDES, |             |                                     |     |      |            |
| GASKETS, ETC)           |             |                                     |     |      |            |
|                         | 7N-7436     | KIT-PISTON RINGS                    | 1   |      |            |

CAT codes: C.

9Y-1775 AIR COMPRESSOR GP

9Y1775 AIR COMPRESSOR GP 4W6425-PAGE 6

Drawing 1 of 1



| Ref.                 | Part number | Description          | Qty | Code | Group page |
|----------------------|-------------|----------------------|-----|------|------------|
| 1                    | 7W-6084     | GASKET               | 1   |      |            |
| 2                    | 9F-2247     | PLUG                 | 3   |      |            |
| 3                    | 4N-9680     | GOVERNOR AS          | 1   |      |            |
| 4                    | 2S-2923     | COVER-GOVERNOR       | 1   |      |            |
| 5                    | 6L-1883     | GASKET-GOVERNOR      | 1   |      |            |
| 6                    | 9M-0378     | BOLT                 | 2   |      |            |
| 7                    | 5F-5434     | VENT AS              | 1   |      |            |
| 8                    | 4W-6425     | AIR COMPRESSOR GP    | 1   | Y    |            |
| 9                    | 1D-4719     | NUT                  | 1   |      |            |
| 10                   | 1D-4569     | BOLT                 | 1   |      |            |
| 11                   | 5M-6214     | PLUG-PIPE (HEX-HEAD) | 1   |      |            |
| 12                   | 1A-1460     | BOLT                 | 1   |      |            |
| 13                   | 5P-8245     | WASHER               | 2   |      |            |
| 14                   | 9M-1974     | WASHER               | 2   |      |            |
| THE FOLLOWING REPAIR |             |                      |     |      |            |

9Y-1775 AIR COMPRESSOR GP (continued)

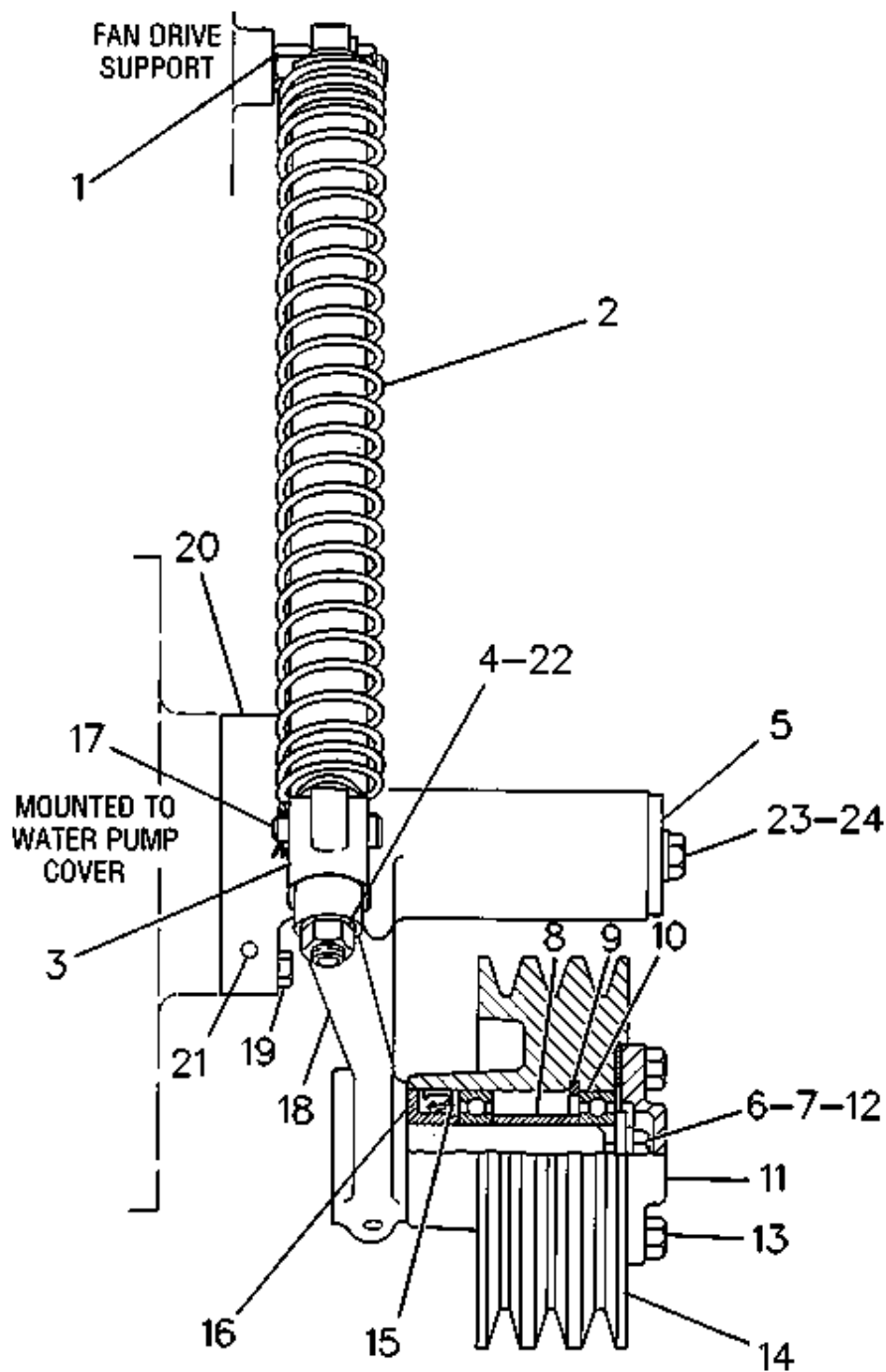
| Ref.                     | Part number | Description           | Qty. | Code | Group page |
|--------------------------|-------------|-----------------------|------|------|------------|
| KIT IS AVAILABLE:        |             |                       |      |      |            |
|                          | 9M-0402     | KIT-GOVERNOR OVERHAUL | 1    |      |            |
| (INCLUDES COVER, GASKET, |             |                       |      |      |            |
| GROMMETS, SPRING,        |             |                       |      |      |            |
| FILTER, VALVE & RING)    |             |                       |      |      |            |

CAT codes: Y.

7N-9246 BELT TIGHTENER GP

7N9246 BELT TIGHTENER GP

Drawing 1 of 1



| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 8N-5581     | STUD           | 1   | C    |            |
|      | 2N-2280     | LOCKNUT-WASHER | 1   | C    |            |
| 2    | 8N-5827     | ABSORBER AS    | 1   | C    |            |
| 3    | 8N-5579     | RETAINER       | 1   | C    |            |
| 4    | 1D-5117     | NUT-JAM        | 1   |      |            |

**7N-9246 BELT TIGHTENER GP** (continued)

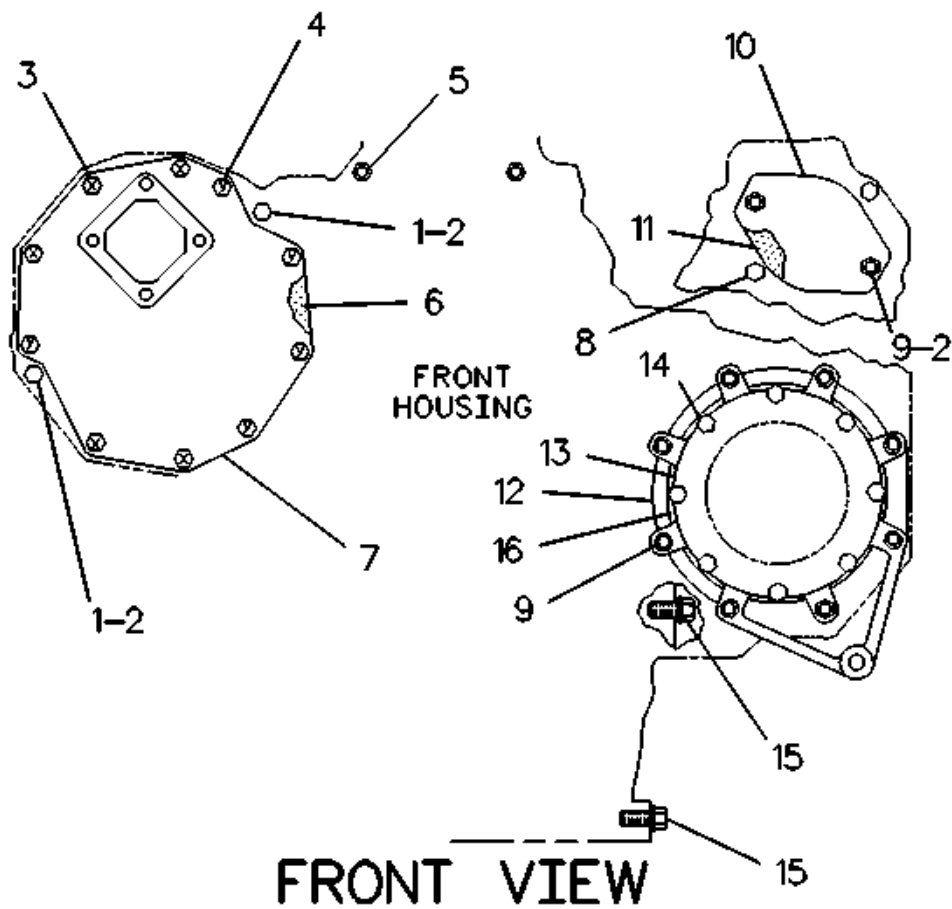
| Ref.                 | Part number | Description      | Qty | Code | Group page |
|----------------------|-------------|------------------|-----|------|------------|
| 5                    | 2M-2742     | PLATE-RETAINER   | 1   |      |            |
| 6                    | 0L-1351     | BOLT             | 1   |      |            |
| 7                    | 5M-2894     | WASHER           | 1   |      |            |
| 8                    | 1S-8687     | SPACER           | 1   |      |            |
| 9                    | 8B-2327     | RING-RETAINER    | 1   |      |            |
| 10                   | 6B-1124     | BALL BEARING     | 2   |      |            |
| 11                   | 2S-6150     | COVER-PULLEY     | 1   |      |            |
|                      | 2S-6151     | GASKET           | 1   |      |            |
| 12                   | 2S-6160     | WASHER-HARD      | 1   |      |            |
| 13                   | 4M-6425     | BOLT             | 4   |      |            |
| 14                   | 4N-2697     | PULLEY-TIGHTENER | 1   |      |            |
| 15                   | 5M-9735     | SEAL-LIP TYPE    | 1   |      |            |
| 16                   | 4S-7916     | SPACER           | 1   |      |            |
| 17                   | 6S-6308     | PIN              | 1   | C    |            |
|                      | 3B-4617     | COTTER           | 1   |      |            |
| 18                   | 4N-2693     | ARM AS-TIGHTENER | 1   |      |            |
|                      | 4S-5367     | BUSHING AS       | 1   |      |            |
|                      | 4N-0955     | PIN-DOWEL        | 1   |      |            |
| 19                   | 4L-9337     | BOLT             | 4   |      |            |
| 20                   | 4N-2690     | SHAFT AS         | 1   |      |            |
|                      | 1S-9209     | SHAFT-TIGHTENER  | 1   |      |            |
| 21                   | 4N-0955     | PIN-DOWEL        | 1   |      |            |
| 22                   | 8T-4223     | WASHER           | 1   | C    |            |
| 23                   | 5S-7379     | BOLT             | 1   |      |            |
| 24                   | 8T-4896     | WASHER-HARD      | 1   |      |            |
| THE FOLLOWING REPAIR |             |                  |     |      |            |
| KIT IS AVAILABLE:    |             |                  |     |      |            |
|                      | 4W-5746     | KIT-BEARING      | 1   | C    |            |
| (INCL BEARING,       |             |                  |     |      |            |
| SPACER & RACE)       |             |                  |     |      |            |

CAT codes: C.

6I-1231 COVER GP

6I1231 COVER GP-FRONT HOUSING

Drawing 1 of 1



| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 8S-9191     | BOLT (3/8-16X4IN)     | 2   |      |            |
| 2    | 5M-2894     | WASHER (2.5MM THK)    | 4   |      |            |
| 3    | 1A-5964     | BOLT (LOCATION X)     | 5   |      |            |
| 4    | 0S-1594     | BOLT (LOCATION Y)     | 5   |      |            |
| 5    | 2P-9084     | STUD-TAPERLOCK        | 2   |      |            |
|      | 1F-7958     | NUT-FULL (1/2-13 THD) | 2   |      |            |
|      | 5P-8245     | WASHER (3MM THK)      | 2   |      |            |
| 6    | 4N-2695     | GASKET-COVER          | 1   |      |            |
| 7    | 6N-9275     | COVER-WATER PUMP      | 1   |      |            |
| 8    | 6V-4259     | BOLT-LOW HEAD         | 2   |      |            |
| 9    | 9S-8752     | NUT-FULL (3/8-16 THD) | 10  |      |            |
| 10   | 4P-1650     | COVER                 | 1   |      |            |
| 11   | 1H-7339     | SEAL-O-RING           | 1   |      |            |
| 12   | 1W-3861     | COVER-ADVANCE         | 1   |      |            |
|      | 2W-0459     | GASKET                | 1   |      |            |

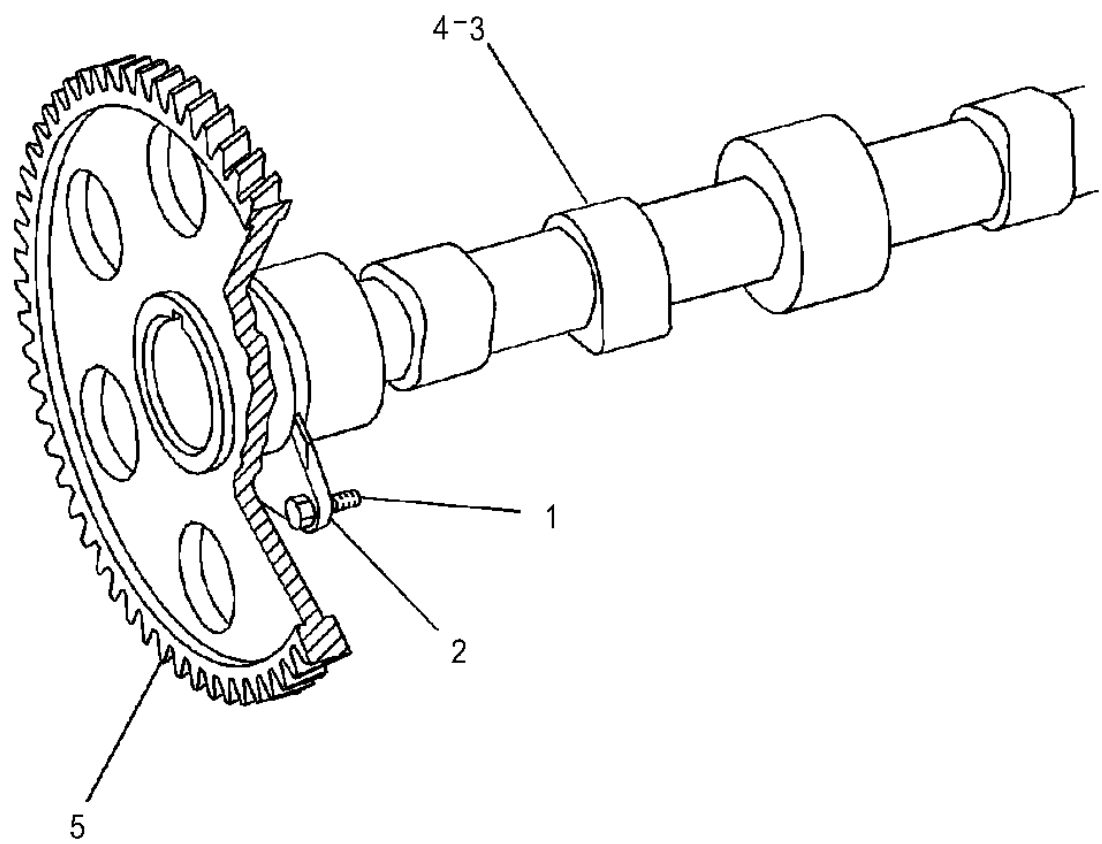
6I-1231 COVER GP (continued)

| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 13   | 7W-9457     | COVER                  | 1   |      |            |
|      | 1W-5908     | GASKET                 | 1   |      |            |
| 14   | 1D-4539     | BOLT (5/16-18X2.5IN)   | 8   |      |            |
| 15   | 5M-3062     | BOLT (3/8-16X.750IN)   | 2   |      |            |
| 16   | 8T-4896     | WASHER-HARD (18.5MM)OD | 2   |      |            |
|      | 6I-1233     | SPACER                 | 1   |      |            |

7W-3798 CAMSHAFT GP

7W3798 CAMSHAFT GP-SINGLE

Drawing 1 of 1



| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 0S-0509     | BOLT                     | 2   |      |            |
| 2    | 4N-0342     | PLATE-CAMSHAFT THRUST    | 1   |      |            |
| 3    | 100-7408    | CAMSHAFT AS              | 1   | R    |            |
|      | 0R-3787     | CAMSHAFT AS              |     | R    |            |
| 4    | 1B-8705     | KEY-WOODRUFF             | 1   |      |            |
| 5    | 8N-8254     | GEAR-CAMSHAFT (64 TEETH) | 1   |      |            |

CAT codes: R.

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