

# CATERPILLAR 428C

8RN / SEBP2384

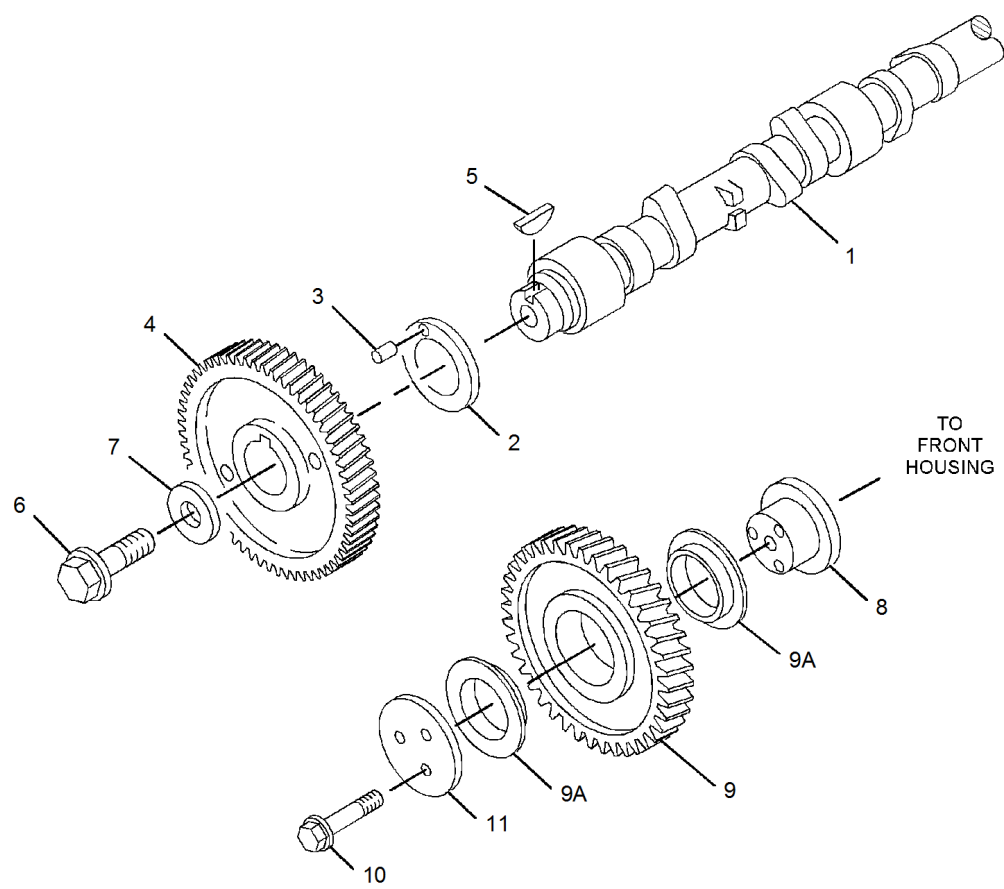
## Contents

| Section                    | Page |
|----------------------------|------|
| Basic engine               | 2    |
| Lubrication system         |      |
| Cooling system             |      |
| Air inlet and exhaust      |      |
| Fuel system                |      |
| Basic engine               |      |
| Power train                |      |
| Electrical and electronics |      |
| Power train                |      |
| Power train                |      |
| Hydraulic system           |      |
| Basic engine               |      |
| Hydraulic system           |      |
| Hydraulic system           |      |
| Catalog items              |      |
| Hydraulic system           |      |
| Basic engine               |      |

130-3635 CAMSHAFT GP

130-3635 CAMSHAFT GP S/N 5HK35000-99999 PART OF 106-5002 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



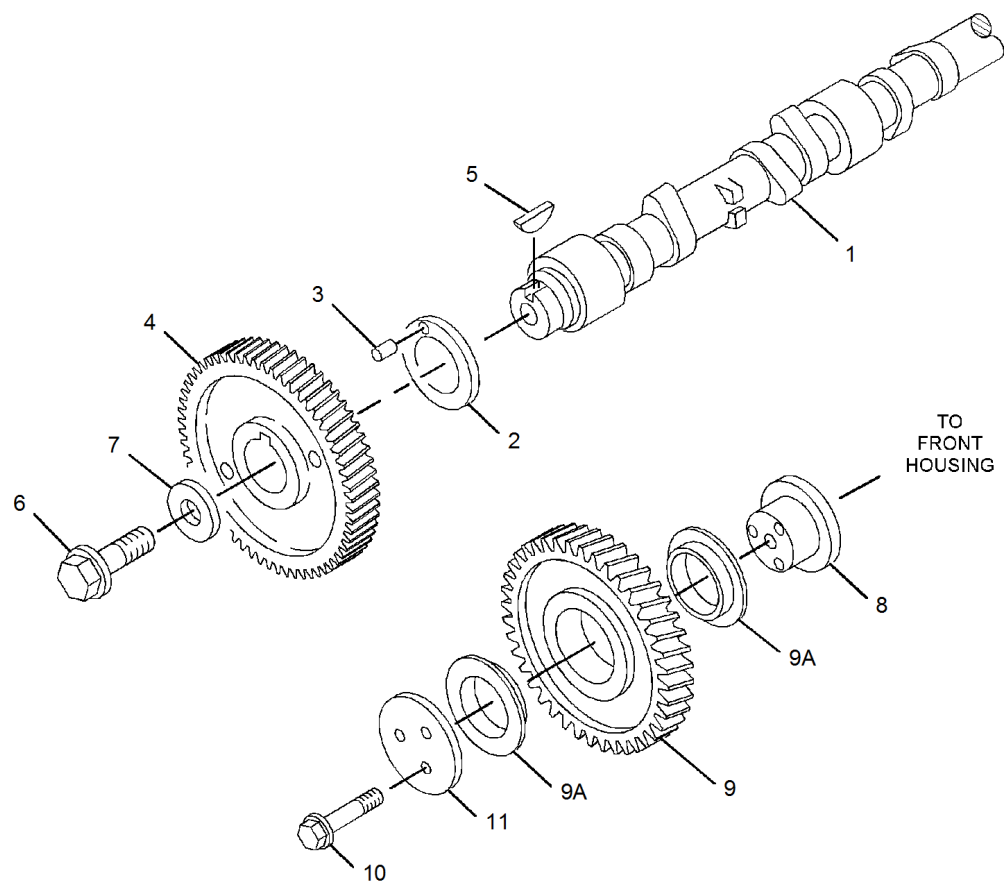
| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 360-5470    | CAMSHAFT                 | 1   |      |            |
| 2    | 7W-4842     | WASHER-THRUST            | 1   |      |            |
| 3    | 067-6179    | DOWEL                    | 1   |      |            |
| 4    | 9Y-2633     | GEAR-CAMSHAFT (56-TEETH) | 1   |      |            |
| 5    | 067-6135    | KEY-WOODRUFF (CAMSHAFT)  | 1   |      |            |
| 6    | 7C-4616     | BOLT (M12X1.75X45-MM)    | 1   | M    |            |
| 7    | 092-5499    | WASHER (13X60X8-MM)      | 1   |      |            |
| 8    | 324-0444    | HUB-IDLER GEAR           | 1   |      |            |
| 9    | 2W-1529     | GEAR AS-IDLER (63-TEETH) | 1   |      |            |
| 9A   | 067-6899    | BUSHING-IDLER GEAR       | 2   |      |            |
| 10   | 6I-0650     | BOLT (M10X1.5X65-MM)     | 3   | M    |            |
| 11   | 346-0408    | PLATE                    | 1   |      |            |

CAT codes: M.

130-6769 CAMSHAFT GP

130-6769 CAMSHAFT GP S/N 5HK35900-99999 PART OF 106-5001 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



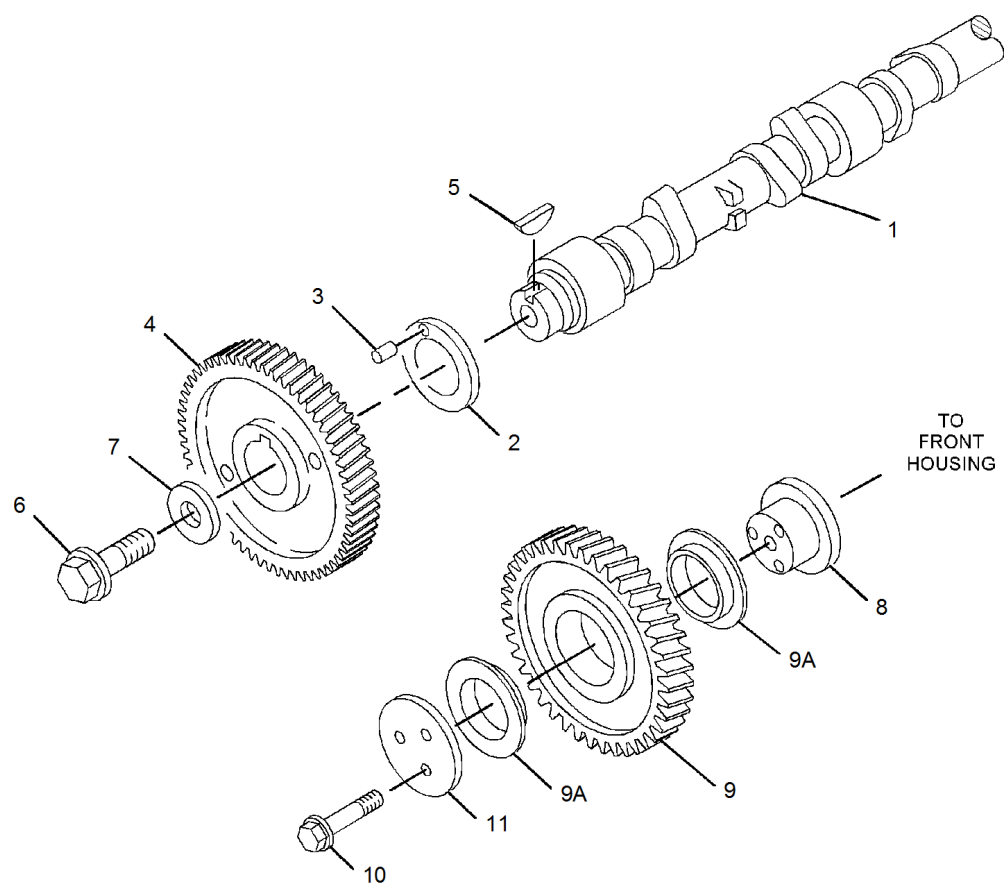
| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 360-5470    | CAMSHAFT                 | 1   |      |            |
| 2    | 232-3666    | WASHER-THRUST            | 1   |      |            |
| 3    | 067-6179    | DOWEL                    | 1   |      |            |
| 4    | 7C-3187     | GEAR (56-TEETH)          | 1   |      |            |
| 5    | 067-6135    | KEY-WOODRUFF (CAMSHAFT)  | 1   |      |            |
| 6    | 7C-4616     | BOLT (M12X1.75X45-MM)    | 1   | M    |            |
| 7    | 092-5499    | WASHER (13X60X8-MM)      | 1   |      |            |
| 8    | 324-0444    | HUB-IDLER GEAR           | 1   |      |            |
| 9    | 2W-1529     | GEAR AS-IDLER (63-TEETH) | 1   |      |            |
| 9A   | 067-6899    | BUSHING-IDLER GEAR       | 2   |      |            |
| 10   | 6I-0789     | BOLT (M10X1.5X60-MM)     | 3   | M    |            |
| 11   | 067-6900    | PLATE-RETAINING          | 1   |      |            |

CAT codes: M.

145-8504 CAMSHAFT GP

145-8504 CAMSHAFT GP S/N 5HK35900-99999 PART OF 122-8803 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



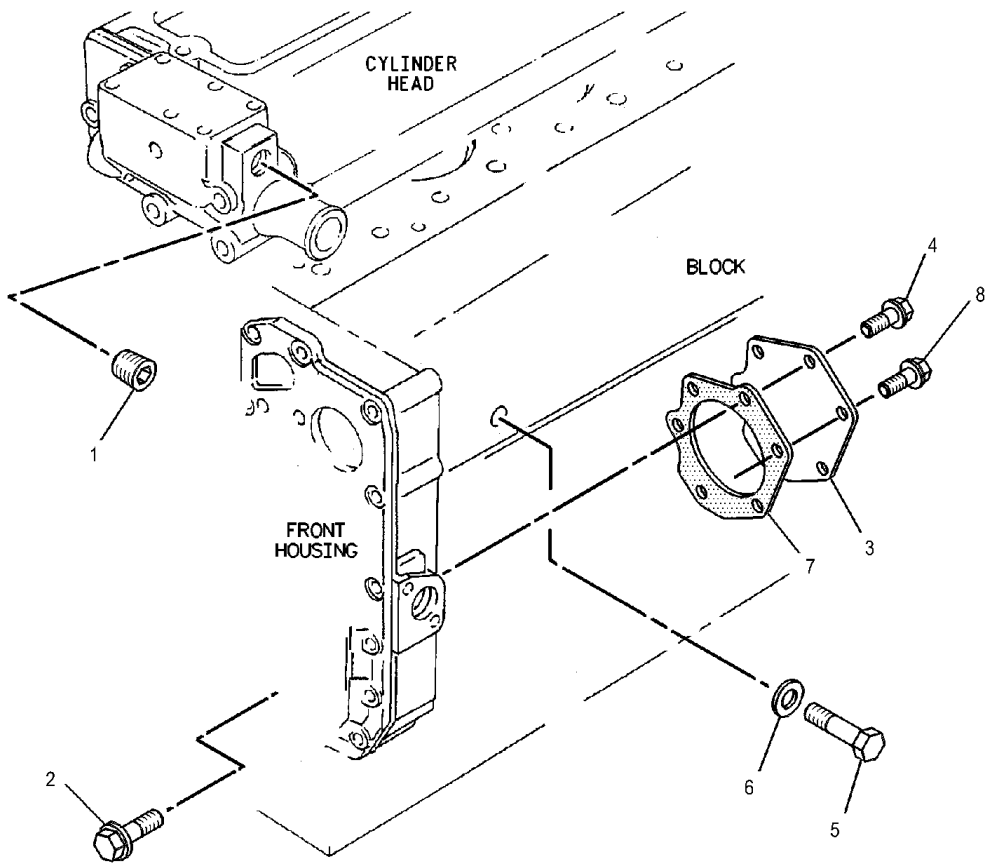
| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 356-3503    | CAMSHAFT                 | 1   |      |            |
| 2    | 232-3666    | WASHER-THRUST            | 1   |      |            |
| 3    | 067-6179    | DOWEL                    | 1   |      |            |
| 4    | 9Y-2633     | GEAR-CAMSHAFT (56-TEETH) | 1   |      |            |
| 5    | 067-6135    | KEY-WOODRUFF (CAMSHAFT)  | 1   |      |            |
| 6    | 7C-4616     | BOLT (M12X1.75X45-MM)    | 1   | M    |            |
| 7    | 133-1011    | WASHER                   | 1   |      |            |
| 8    | 324-0444    | HUB-IDLER GEAR           | 1   |      |            |
| 9    | 2W-1529     | GEAR AS-IDLER (63-TEETH) | 1   |      |            |
| 9A   | 067-6899    | BUSHING-IDLER GEAR       | 2   |      |            |
| 10   | 6I-0789     | BOLT (M10X1.5X60-MM)     | 3   | M    |            |
| 11   | 067-6900    | PLATE-RETAINING          | 1   |      |            |

CAT codes: M.

133-9820 COVER GP-ACCESSORY DRIVE

133-9820 COVER GP-ACCESSORY DRIVE S/N 5HK35900-99999 PART OF 122-8803 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



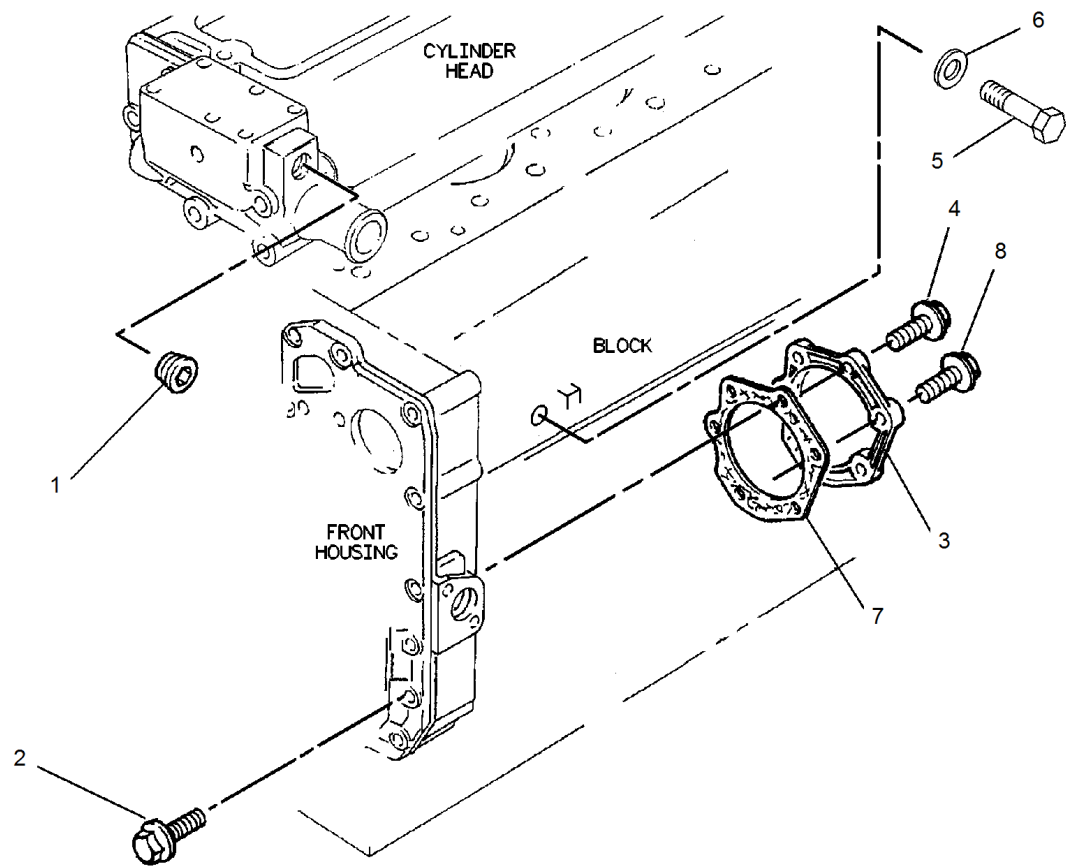
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 2B-0858     | PLUG-PIPE            | 1   |      |            |
| 2    | 6I-0593     | BOLT (M10X1.5X30-MM) | 1   | M    |            |
| 3    | 138-2068    | PLATE                | 1   |      |            |
| 4    | 111-8222    | BOLT (M8X1.25X16-MM) | 5   | M    |            |
| 5    | 6I-0646     | BOLT (M10X1.5X14-MM) | 1   | M    |            |
| 6    | 067-6810    | WASHER               | 1   |      |            |
| 7    | 206-4277    | GASKET               | 1   |      |            |
| 8    | 100-4830    | BOLT (M10X1.5X20-MM) | 1   | M    |            |

CAT codes: M.

6I-0643 COVER GP-ACCESSORY DRIVE

6I-0643 COVER GP-ACCESSORY DRIVE S/N 5HK35000-99999 PART OF 106-5002 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



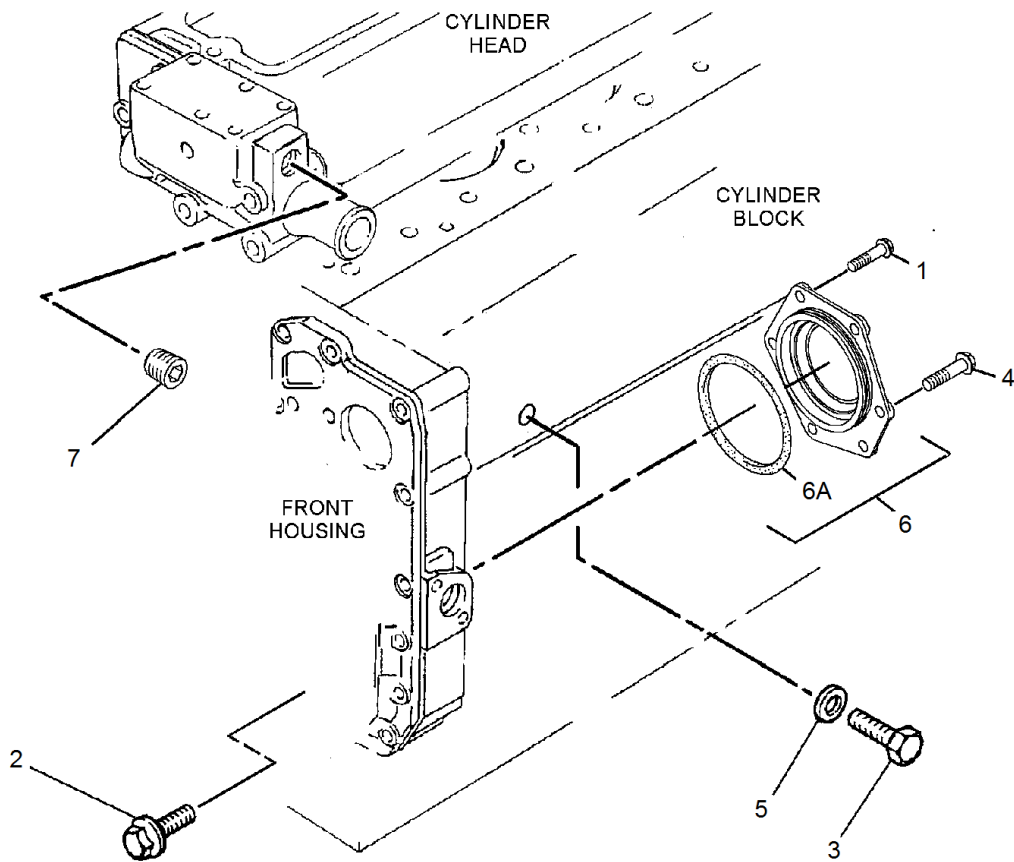
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 2B-0858     | PLUG-PIPE            | 1   |      |            |
| 2    | 6I-0593     | BOLT (M10X1.5X30-MM) | 1   | M    |            |
| 3    | 138-2068    | PLATE                | 1   |      |            |
| 4    | 111-8222    | BOLT (M8X1.25X16-MM) | 5   | M    |            |
| 5    | 6I-0646     | BOLT (M10X1.5X14-MM) | 1   | M    |            |
| 6    | 067-6810    | WASHER               | 1   |      |            |
| 7    | 206-4277    | GASKET               | 1   |      |            |
| 8    | 100-4830    | BOLT (M10X1.5X20-MM) | 1   | M    |            |

CAT codes: M.

161-9109 COVER GP-FRONT HOUSING

161-9109 COVER GP-FRONT HOUSING S/N 5HK35900-99999 PART OF 106-5001, 106-5002 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



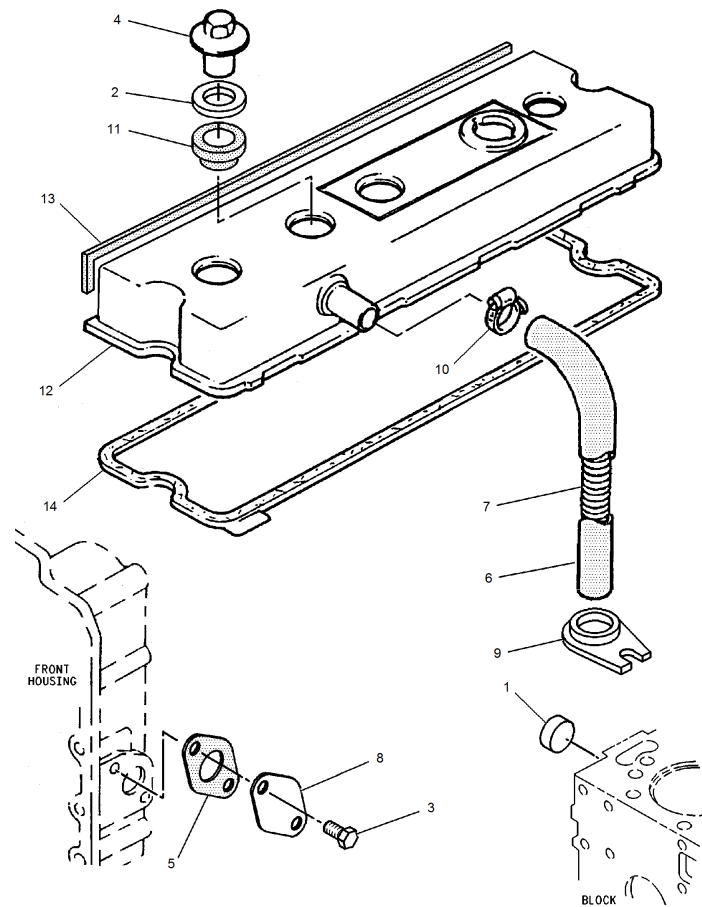
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 111-8222    | BOLT (M8X1.25X16-MM) | 4   | BM   |            |
| 2    | 6I-0593     | BOLT (M10X1.5X30-MM) | 2   | M    |            |
| 3    | 6I-0646     | BOLT (M10X1.5X14-MM) | 1   | M    |            |
| 4    | 100-4830    | BOLT (M10X1.5X20-MM) | 1   | M    |            |
| 5    | 067-6810    | WASHER               | 1   |      |            |
| 6    | 329-7854    | PLATE AS             | 1   |      |            |
| 6A   | 329-7856    | SEAL-O-RING          | 1   |      |            |
| 7    | 2B-0858     | PLUG-PIPE            | 1   |      |            |
|      | 6I-0645     | BOLT (M8X1.25X25-MM) | 4   | BFM  |            |

CAT codes: B, F, M.

130-8616 COVER GP-VALVE MECHANISM

130-8616 COVER GP-VALVE MECHANISM S/N 5HK35000-70900 PART OF 106-5001 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 1N-3762     | PLUG-CUP                         | 1   |      |            |
| 2    | 5P-8247     | WASHER-HARD (17X32X3.5-MM THK)   | 3   |      |            |
| 3    | 6I-0217     | BOLT (M8X1.25X20-MM)             | 2   | M    |            |
| 4    | 6I-0507     | NUT                              | 3   |      |            |
| 5    | 6I-0512     | GASKET                           | 1   |      |            |
| 6    | 6I-0516     | HOSE (FUMES DISPOSAL)            | 1   |      |            |
| 7    | 6I-0517     | SPRING (CRANKCASE BREATHER HOSE) | 1   |      |            |
| 8    | 6I-4037     | PLATE                            | 1   |      |            |
| 9    | 7C-1281     | BRACKET                          | 1   |      |            |
| 10   | 101-3450    | CLAMP-HOSE                       | 1   |      |            |
| 11   | 101-3675    | SEAL                             | 3   |      |            |

130-8616 COVER GP-VALVE MECHANISM (continued)

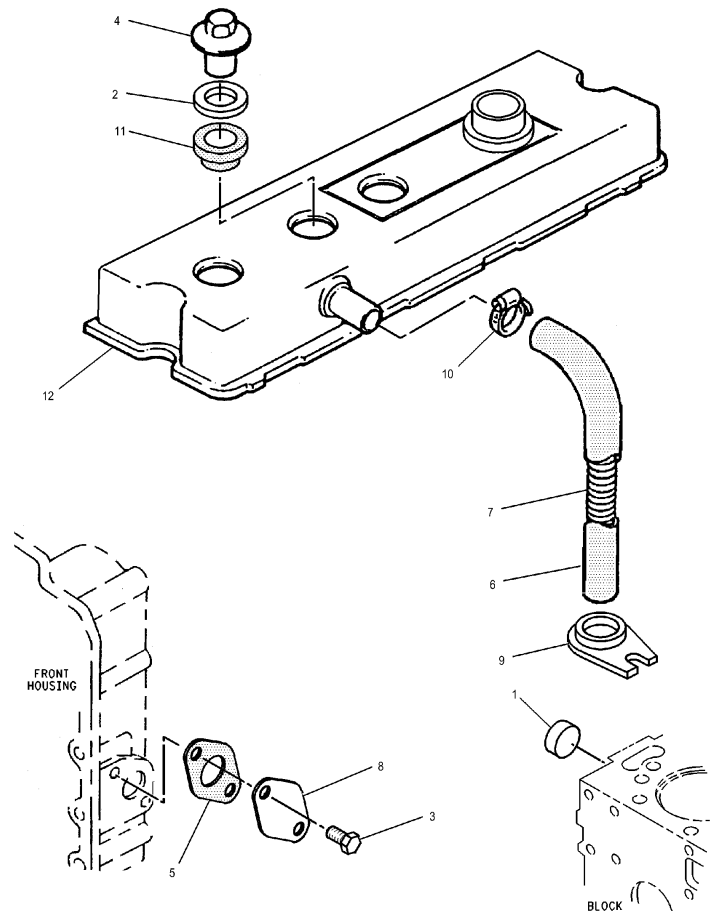
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 12   | 130-6776    | COVER AS-VALVE       | 1   |      |            |
| 13   | 105-1846    | SEAL                 | 1   |      |            |
| 14   | 126-6671    | GASKET (VALVE COVER) | 1   |      |            |

CAT codes: M.

130-8616 COVER GP-VALVE MECHANISM

130-8616 COVER GP-VALVE MECHANISM S/N 5HK70901-99999 PART OF 106-5001 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 1N-3762     | PLUG-CUP                         | 1   |      |            |
| 2    | 5P-8247     | WASHER-HARD (17X32X3.5-MM THK)   | 3   |      |            |
| 3    | 6I-0217     | BOLT (M8X1.25X20-MM)             | 2   | M    |            |
| 4    | 6I-0507     | NUT                              | 3   |      |            |
| 5    | 6I-0512     | GASKET                           | 1   |      |            |
| 6    | 6I-0516     | HOSE (FUMES DISPOSAL)            | 1   |      |            |
| 7    | 6I-0517     | SPRING (CRANKCASE BREATHER HOSE) | 1   |      |            |
| 8    | 6I-4037     | PLATE                            | 1   |      |            |
| 9    | 7C-1281     | BRACKET                          | 1   |      |            |
| 10   | 101-3450    | CLAMP-HOSE                       | 1   |      |            |
| 11   | 101-3675    | SEAL                             | 3   |      |            |
| 12   | 154-8705    | COVER AS-VALVE                   | 1   |      |            |

CAT codes: M.

**MANUALS-KOMATSU.COM**

## **Complete Caterpillar PDF Parts Catalogue**

8RN-SEBP2384

**\$99**

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

**Buy complete PDF - \$99**