

# CATERPILLAR 12M 2

R9P / SEBP6351

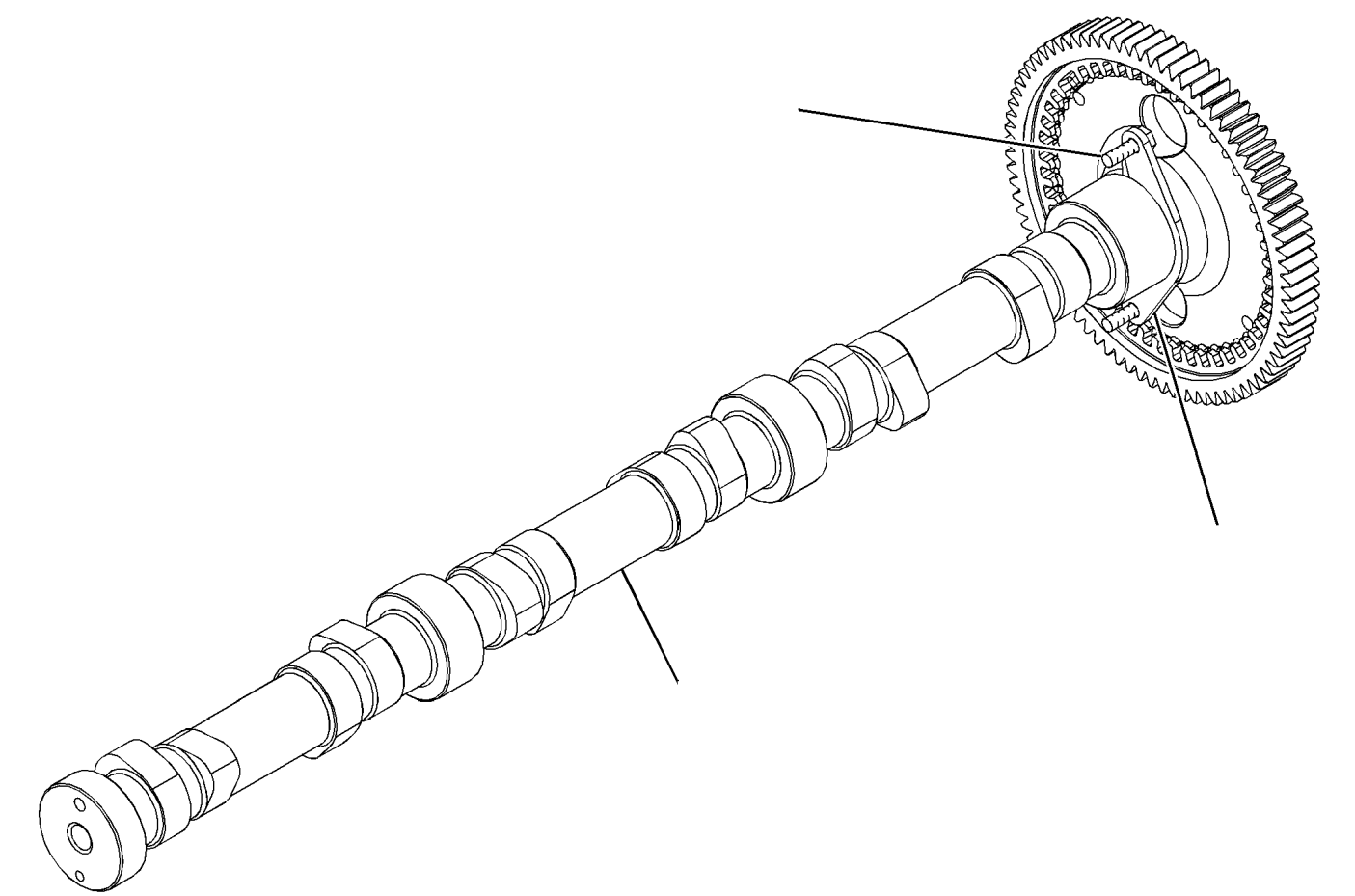
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294-3593 CAMSHAFT GP

294-3593 CAMSHAFT GP S/N MME1-UP PART OF 347-0103 ENGINE AR-CORE

Drawing 1 of 1



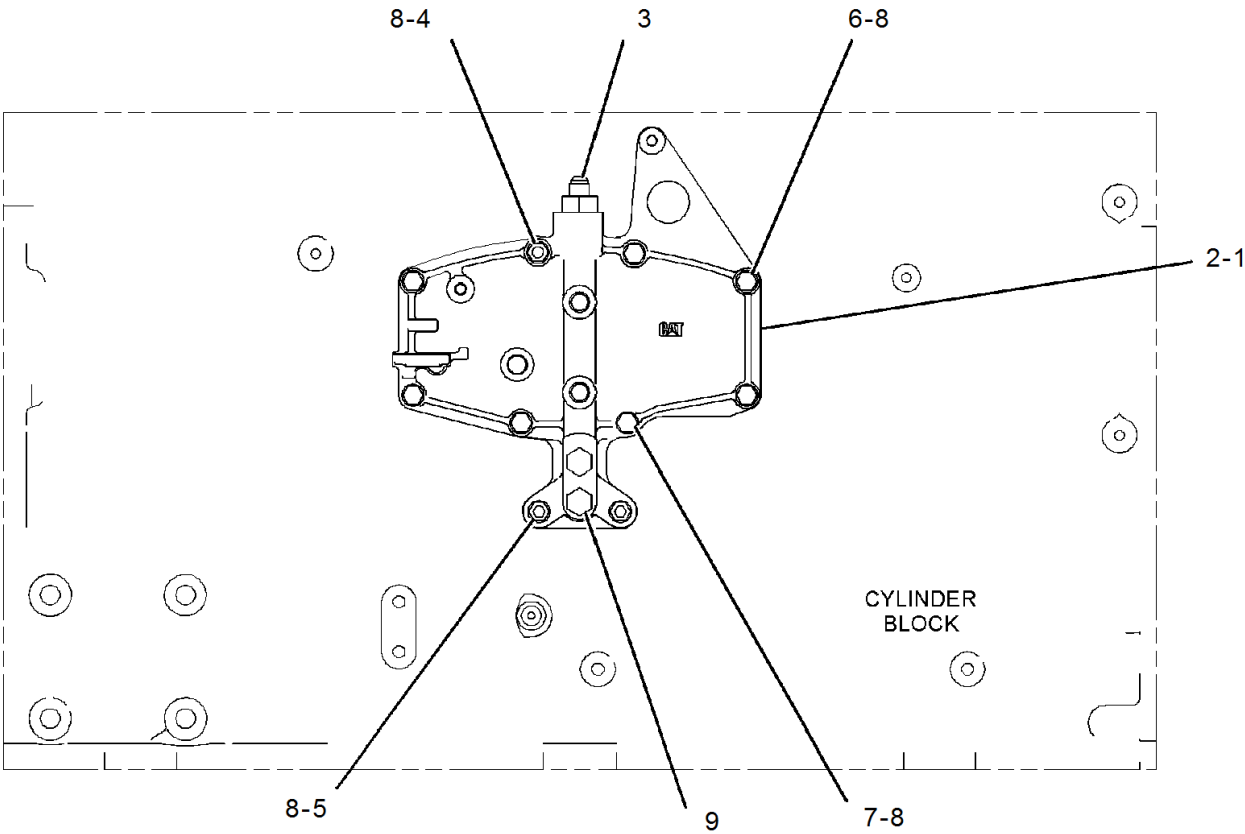
| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 107-7694    | PLATE-THRUST             | 1   |      |            |
| 2    | 347-7109    | CAMSHAFT AS              | 1   | C    |            |
|      | 1B-8705     | KEY-WOODRUFF             | 1   |      |            |
|      | 347-0425    | GEAR-CAMSHAFT (80-TEETH) | 1   |      |            |
| 3    | 6V-3940     | BOLT (M8X1.25X25-MM)     | 2   | M    |            |

CAT codes: C, M, R.

348-9213 COVER & MTG GP-CYLINDER BLOCK

348-9213 COVER & MTG GP-CYLINDER BLOCK S/N MME1-UP PART OF 382-4673 ENGINE AR-COMPLETE FOR USE WITH ENGINES WITH VALVE COVER MOUNTED BREATHER CANNOT BE USED WITH ENGINES WITH SIDE MOUNTED BREATHER

Drawing 1 of 1



LEFT SIDE VIEW OF ENGINE

| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 280-4322    | GASKET                        | 1   |      |            |
| 2    | 348-9214    | COVER-CYLINDER                | 1   |      |            |
| 3    | 353-5105    | ADAPTER AS                    | 1   |      |            |
|      | 030-8194    | CONNECTOR                     | 1   |      |            |
|      | 238-5081    | SEAL-O-RING                   | 1   |      |            |
| 4    | 131-0353    | STUD (M8X1.25X82.75-MM)       | 1   | M    |            |
| 5    | 241-0542    | STUD (M8X1.25X30-MM)          | 2   | M    |            |
| 6    | 6V-2317     | BOLT (M8X1.25X30-MM)          | 5   | M    |            |
| 7    | 6V-5219     | BOLT (M8X1.25X40-MM)          | 2   | M    |            |
| 8    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 10  |      |            |
| 9    | 398-5597    | PLUG AS                       | 2   |      |            |

348-9213 COVER & MTG GP-CYLINDER BLOCK (continued)

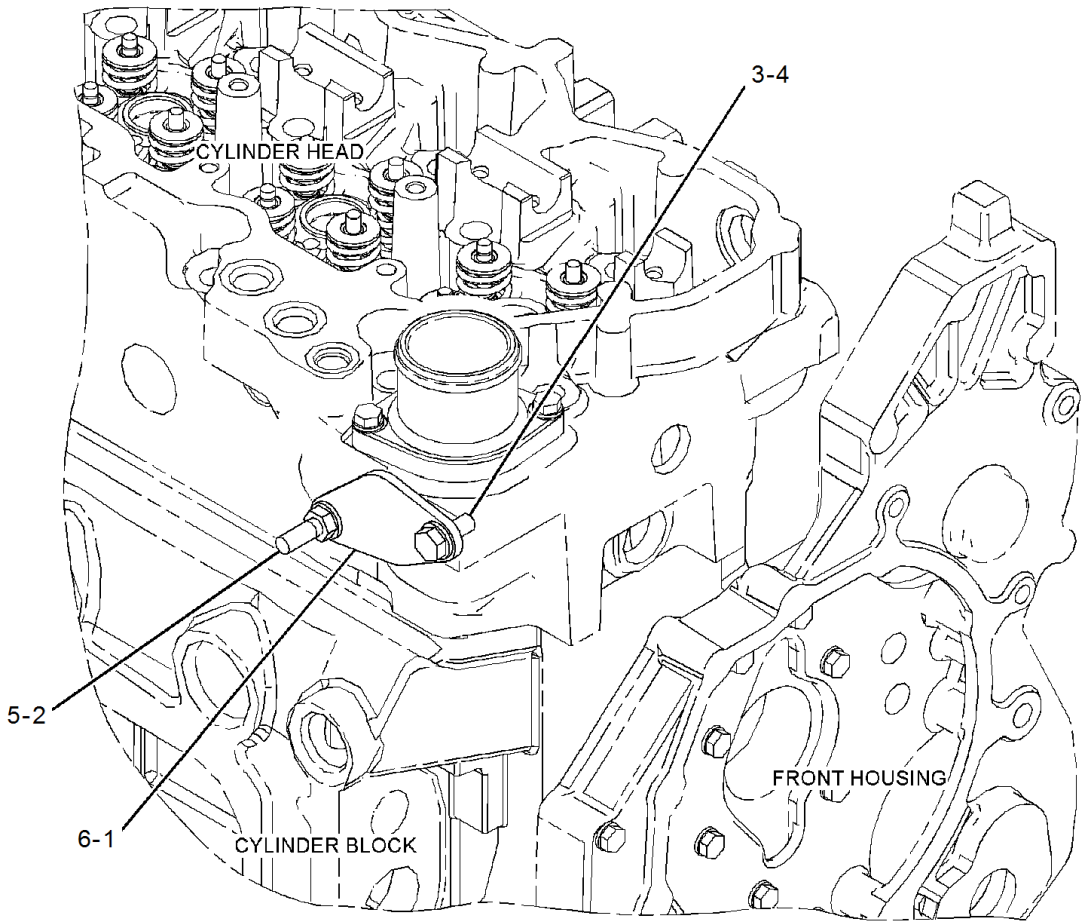
| Ref.            | Part number | Description        | Qty. | Code | Group page |
|-----------------|-------------|--------------------|------|------|------------|
| (EACH INCLUDES) |             |                    |      |      |            |
|                 | 360-3692    | PLUG (9/16-18-THD) | 1    |      |            |
|                 | 214-7568    | SEAL-O-RING        | 1    |      |            |

CAT codes: M.

325-8452 COVER GP-ENGINE

325-8452 COVER GP-ENGINE S/N MME1-UP PROVIDES A THERMOSTAT HOUSING SIDE COVER WITHOUT A PORT FOR COOLANT SAMPLING PART OF 382-4673 ENGINE AR-COMplete

Drawing 1 of 1



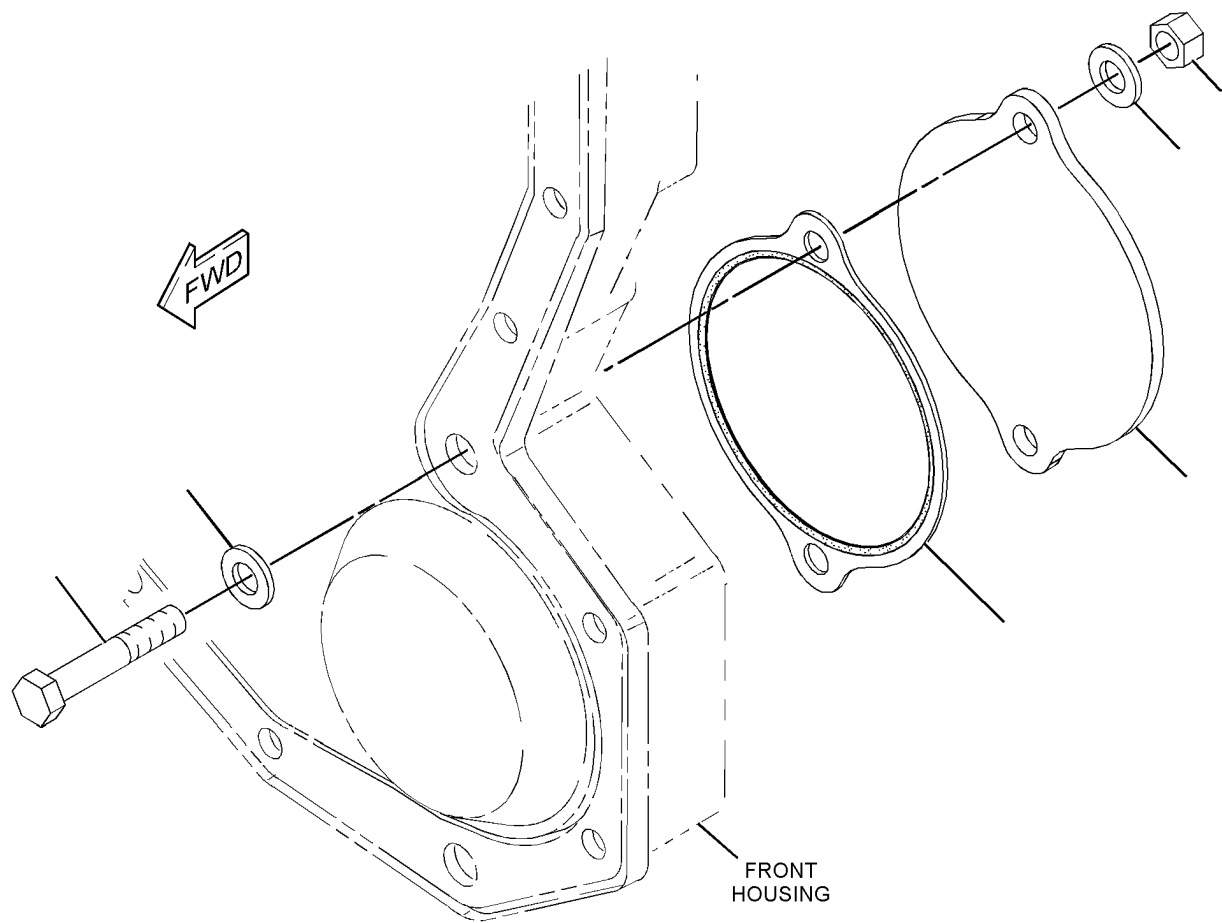
| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
| 1    | 421-8488    | COVER                          | 1   |      |            |
| 2    | 142-3953    | STUD (M10X1.5-THD)             | 1   | M    |            |
| 3    | 6V-4248     | BOLT (M10X1.5X25-MM)           | 1   | M    |            |
| 4    | 6V-5839     | WASHER (11X21X2.5-MM THK)      | 1   |      |            |
| 5    | 8T-4121     | WASHER-HARD (11X21X2.5-MM THK) | 1   |      |            |
| 6    | 8T-5917     | SEAL-O-RING                    | 1   |      |            |

CAT codes: M.

269-5325 COVER GP-FRONT HOUSING

269-5325 COVER GP-FRONT HOUSING S/N MME1-UP PART OF 382-4673 ENGINE AR-COMPLETE FOR USE WITH ENGINES WITHOUT FACTORY INSTALLED AIR COMPRESSOR

Drawing 1 of 1



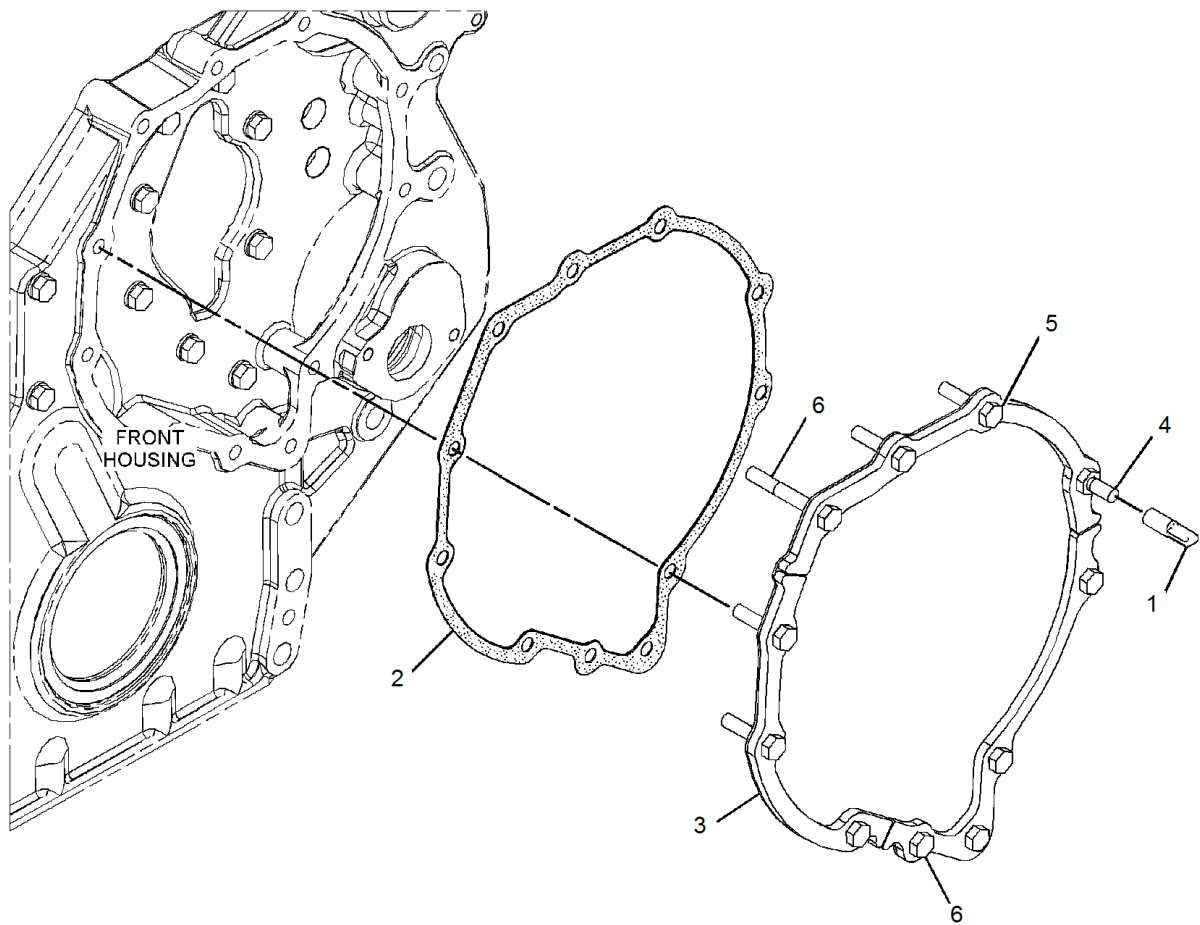
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 269-5778    | COVER                            | 1   |      |            |
| 2    | 275-2164    | SEAL                             | 1   |      |            |
| 3    | 5P-8245     | WASHER-HARD (13.5X25.5X3-MM THK) | 4   |      |            |
| 4    | 6V-8149     | NUT (M12X1.75-THD)               | 2   | M    |            |
| 5    | 6V-8336     | BOLT (M12X1.75X70-MM)            | 2   | M    |            |

CAT codes: M.

338-2640 COVER GP-FRONT HOUSING -SOUND SUPPRESSION

338-2640 COVER GP-FRONT HOUSING -SOUND SUPPRESSION S/N MME1-UP PART OF 382-4673 ENGINE AR-COMplete

Drawing 1 of 1



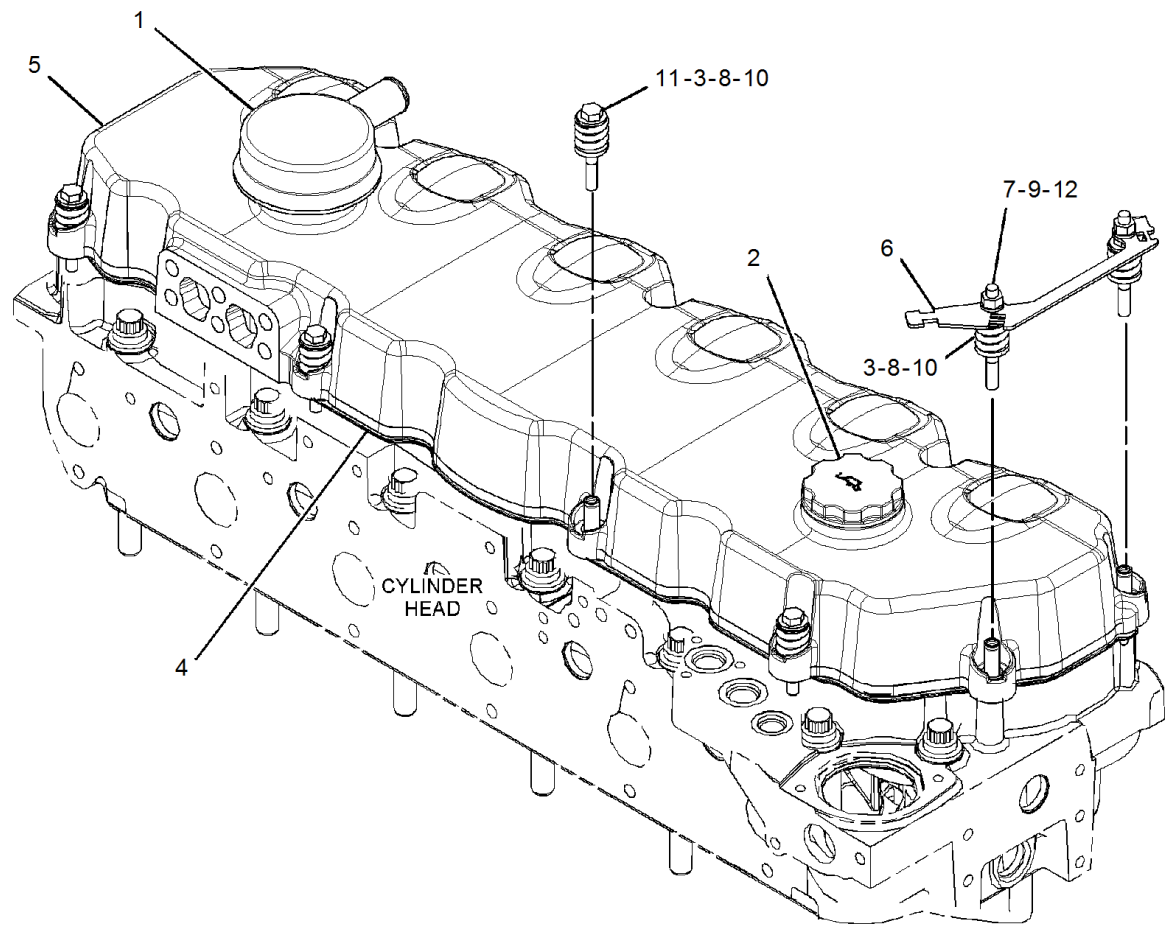
| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 1    | 206-6875    | CAP-TUBE               | 1   |      |            |
| 2    | 258-5646    | GASKET                 | 1   |      |            |
| 3    | 338-2637    | COVER AS-FRONT HOUSING | 1   |      |            |
| 4    | 145-2264    | STUD (M8X1.25X35-MM)   | 1   | M    |            |
| 5    | 6V-5218     | BOLT (M8X1.25X35-MM)   | 8   | M    |            |
| 6    | 8T-0100     | BOLT (M8X1.25X60-MM)   | 2   | M    |            |

CAT codes: M.

349-6124 COVER GP-VALVE MECHANISM

349-6124 COVER GP-VALVE MECHANISM S/N MME1-UP PROVIDES A TOP MOUNTED BREATHER, TOP MOUNTED OIL FILL PORT AND BRACKET TO SUPPORT COOLANT TEMP SENSOR WIRING HARNESS PART OF 382-4673 ENGINE AR-COMplete FOR USE WITH RUBBER TIRE MACHINES UP TO 30 DEGREE TILT REQUIREMENTS CANNOT BE USED WITH TRACK TYPE MACHINES WITH 35 DEGREE AND 45 DEGREE TILT REQUIREMENTS

Drawing 1 of 1



| Ref. | Part number | Description                         | Qty | Code | Group page |
|------|-------------|-------------------------------------|-----|------|------------|
| 1    | 204-4444    | BREATHER AS (CRANKCASE)             | 1   |      |            |
|      | 160-0526    | SEAL-O-RING                         | 1   |      |            |
|      | 185-3159    | FILTER ELEMENT-BREATHER (CRANKCASE) | 1   |      |            |
|      | 341-0979    | SEAL-O-RING                         | 1   |      |            |
| 2    | 227-4531    | CAP AS-ENGINE OIL FILLER            | 1   |      |            |
|      | 7F-8268     | SEAL-O-RING                         | 1   |      |            |
| 3    | 244-4500    | SPRING                              | 10  |      |            |
| 4    | 260-0113    | SEAL-VALVE COVER                    | 1   |      |            |
| 5    | 324-9326    | COVER-VALVE MECHANISM               | 1   |      |            |
| 6    | 358-7347    | BRACKET                             | 1   |      |            |
| 7    | 131-0353    | STUD (M8X1.25X82.75-MM)             | 2   | M    |            |
| 8    | 5P-4116     | WASHER-HARD (8.8X20.5X2-MM THK)     | 10  |      |            |
| 9    | 5P-7970     | NUT (M8X1.25-THD)                   | 2   | M    |            |

349-6124 COVER GP-VALVE MECHANISM (continued)

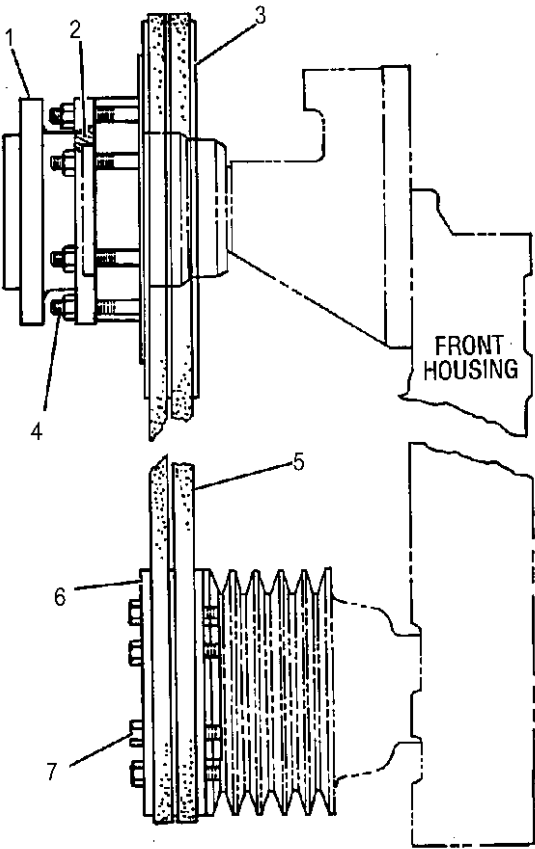
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 10   | 5P-8244     | WASHER-HARD (12X22.5X2.5-MM THK) | 10  |      |            |
| 11   | 8T-0100     | BOLT (M8X1.25X60-MM)             | 8   | M    |            |
| 12   | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK)    | 2   |      |            |

CAT codes: M.

294-2987 CRANKSHAFT GP

294-2987 CRANKSHAFT GP S/N MME1-UP PART OF 347-0103 ENGINE AR-CORE

Drawing 1 of 1



| Ref.                     | Part number | Description                | Qty | Code | Group page |
|--------------------------|-------------|----------------------------|-----|------|------------|
| 1                        | 151-2939    | BEARING-MAIN (STANDARD)    | 7   | J    |            |
|                          | 282-1771    | BEARING-MAIN (0.25-MM US)  |     | AB   |            |
|                          | 282-1772    | BEARING-MAIN (0.51-MM US)  |     | AB   |            |
| 2                        | 246-3150    | PLATE-THRUST               | 2   | J    |            |
| 3                        | 282-7958    | CRANKSHAFT AS              | 1   |      |            |
|                          | 282-7955    | GEAR-CRANKSHAFT (40-TEETH) | 1   |      |            |
|                          | 1B-8705     | KEY-WOODRUFF               | 1   |      |            |
|                          | 9Y-0810     | SLEEVE-WEAR                | 1   |      |            |
| AVAILABLE REPAIR KIT(S): |             |                            |     |      |            |
|                          | 243-6716    | KIT-BEARING (CRANKSHAFT)   |     | ABJ  |            |

CAT codes: A, B, J, R.

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