

# CATERPILLAR M322C

H2G / SEBP4345

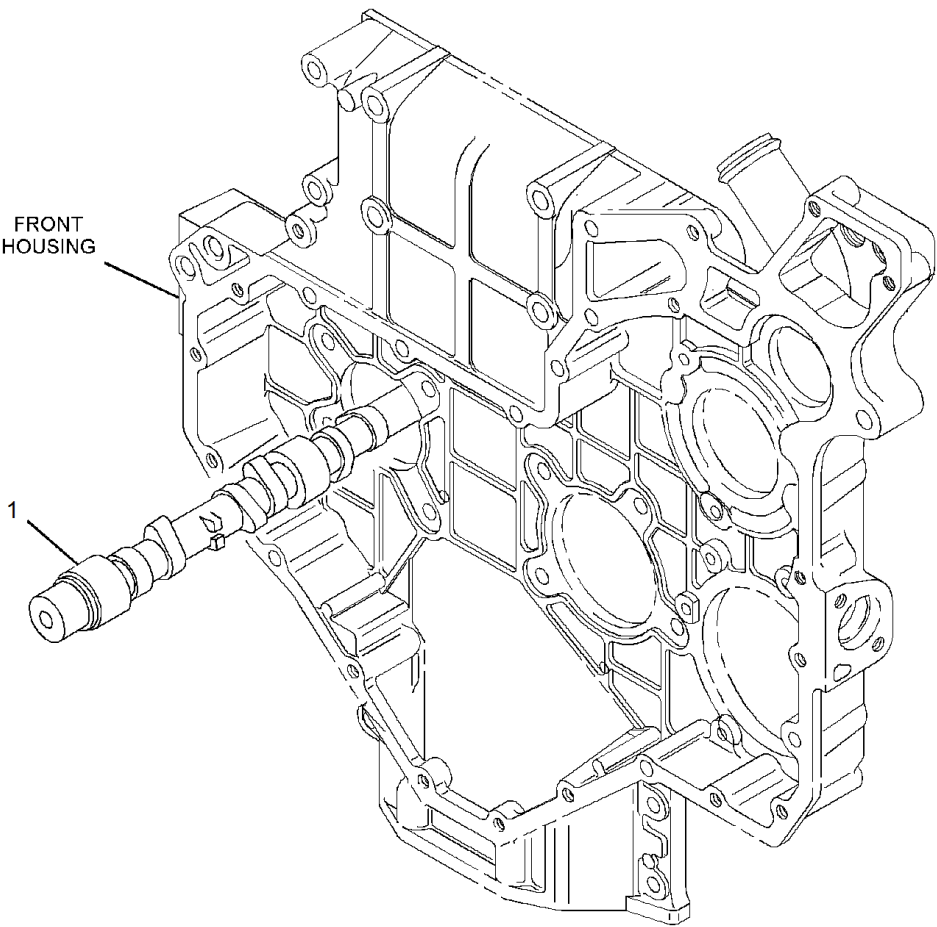
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216-8620 CAMSHAFT GP

216-8620 CAMSHAFT GP S/N CPT1-UP PART OF 188-5098 ENGINE AR-PRIMARY

Drawing 1 of 1

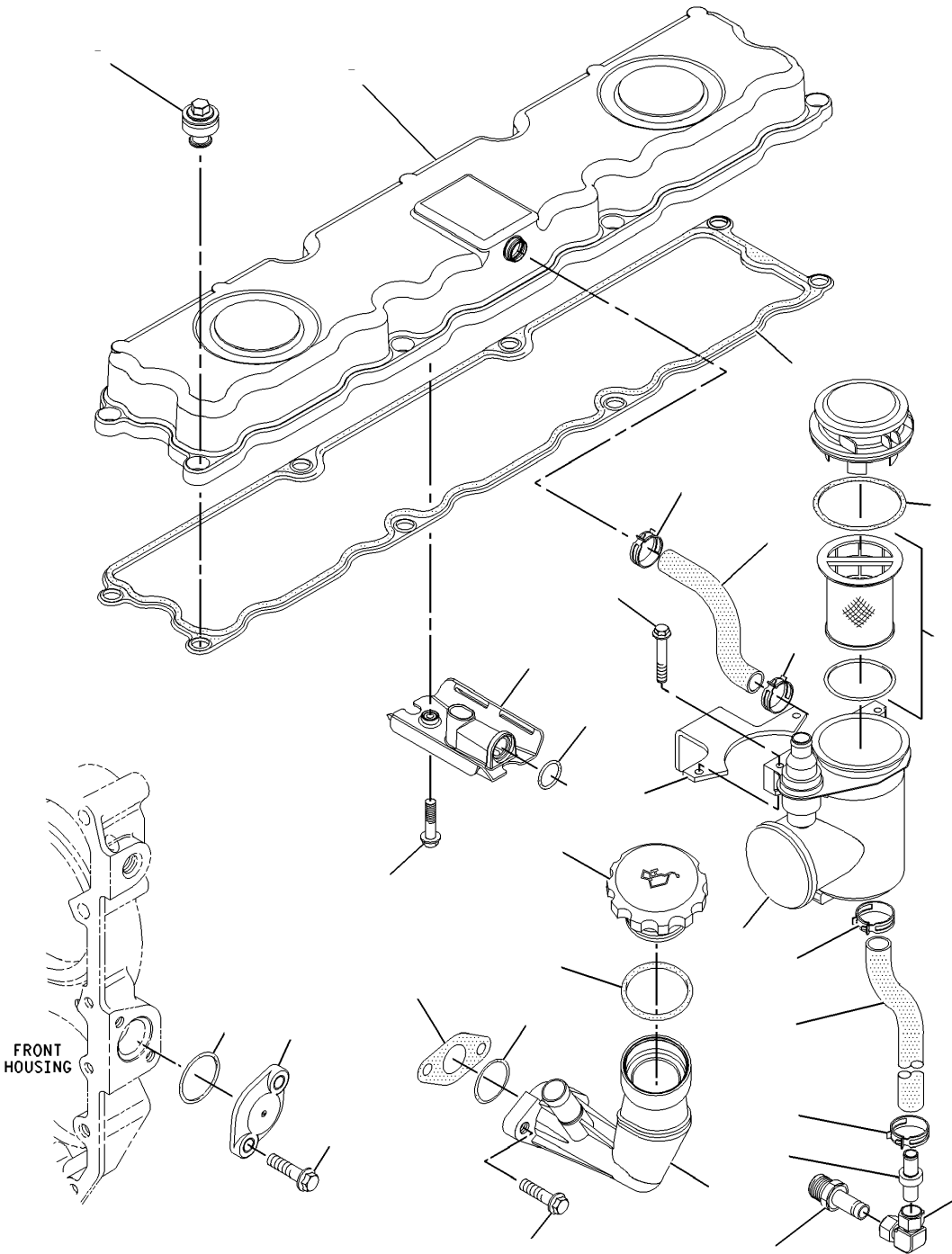


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 360-3197    | CAMSHAFT    | 1   |      |            |

216-9625 COVER GP-VALVE MECHANISM

216-9625 COVER GP-VALVE MECHANISM S/N CPT1-338 PART OF 188-5098 ENGINE AR-PRIMARY

Drawing 1 of 1



| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 2S-3440     | CLAMP-HOSE           | 2   |      |            |
| 2    | 5D-1026     | CLAMP-BAND           | 2   |      |            |
| 3    | 6I-0217     | BOLT (M8X1.25X20-MM) | 2   | M    |            |
| 4    | 6I-0260     | BOLT (M8X1.25X25-MM) | 2   | M    |            |
| 5    | 100-4104    | GASKET               | 1   |      |            |

216-9625 COVER GP-VALVE MECHANISM (continued)

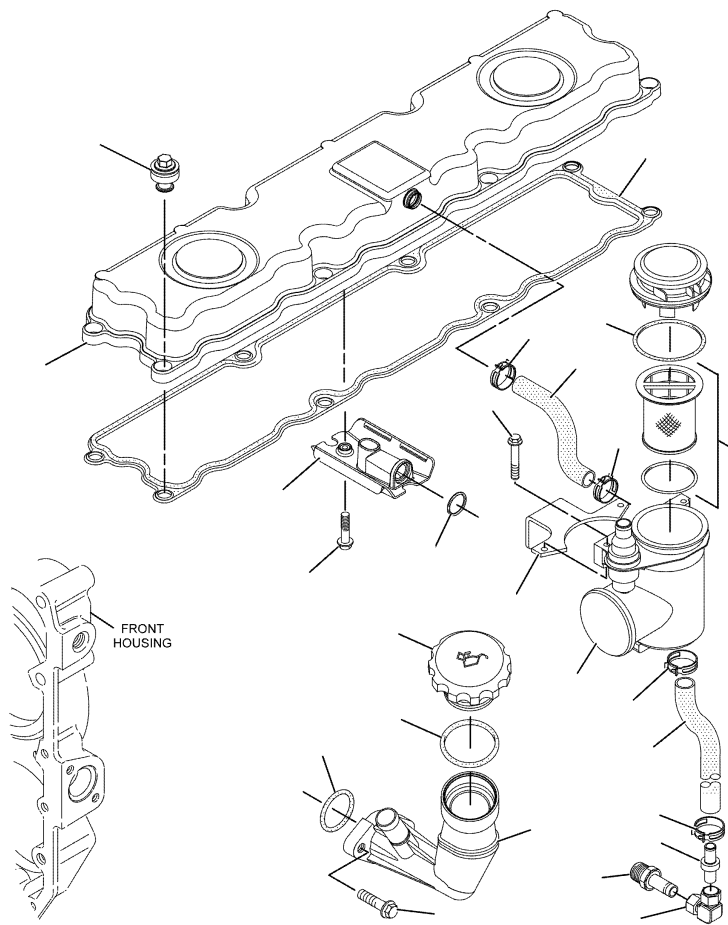
| Ref. | Part number | Description                         | Qty | Code | Group page |
|------|-------------|-------------------------------------|-----|------|------------|
| 6    | 112-7704    | BOLT (M6X1X30-MM)                   | 2   | M    |            |
| 7    | 197-5015    | PLATE AS                            | 1   |      |            |
| 8    | 113-1505    | SEAL-O-RING                         | 1   |      |            |
| 9    | 216-9554    | FILLER AS-OIL                       | 1   |      |            |
| 10   | 130-9888    | CAP AS-OIL FILLER (ENGINE)          | 1   |      |            |
| 11   | 113-1504    | SEAL-O-RING                         | 1   |      |            |
| 12   | 216-9553    | SEAL-O-RING                         | 1   |      |            |
| 13   | 216-9606    | COVER AS (VALVE)                    | 1   |      |            |
| 13A  | 229-3557    | SEAL-O-RING                         | 1   |      |            |
| 14   | 229-3558    | BOLT (M5X0.8X16-MM)                 | 1   | M    |            |
| 15   | 216-9600    | BOLT                                | 8   |      |            |
| 16   | 216-9602    | BREATHER AS (CRANKCASE)             | 1   |      |            |
| 17   | 216-9604    | GASKET (VALVE COVER)                | 1   |      |            |
| 18   | 216-9608    | BREATHER (CRANKCASE)                | 1   |      |            |
| 18A  | 229-3555    | FILTER ELEMENT-BREATHER (CRANKCASE) | 1   |      |            |
| 18B  | 229-3556    | SEAL-O-RING                         | 1   |      |            |
| 19   | 216-9611    | BRACKET                             | 1   |      |            |
| 20   | 216-9614    | HOSE (UPPER FUMES DISPOSAL)         | 1   |      |            |
| 21   | 216-9617    | HOSE (LOWER FUMES DISPOSAL)         | 1   |      |            |
| 22   | 216-9618    | VALVE-CHECK                         | 1   |      |            |
| 23   | 216-9620    | ELBOW                               | 1   |      |            |
| 24   | 216-9623    | ADAPTER                             | 1   |      |            |

CAT codes: M.

236-1702 COVER GP-VALVE MECHANISM

236-1702 COVER GP-VALVE MECHANISM S/N CPT339-10426 PART OF 188-5098 ENGINE AR-PRIMARY

Drawing 1 of 1



| Ref. | Part number | Description                         | Qty | Code | Group page |
|------|-------------|-------------------------------------|-----|------|------------|
| 1    | 2S-3440     | CLAMP-HOSE                          | 2   |      |            |
| 2    | 5D-1026     | CLAMP-BAND                          | 2   |      |            |
| 4    | 6I-0260     | BOLT (M8X1.25X25-MM)                | 2   | M    |            |
| 5    | 112-7704    | BOLT (M6X1X30-MM)                   | 2   | M    |            |
| 7    | 216-9606    | COVER AS (VALVE)                    | 1   |      |            |
| 7A   | 216-9600    | BOLT                                | 8   |      |            |
| 7B   | 216-9602    | BREATHER AS (CRANKCASE)             | 1   |      |            |
| 7C   | 216-9604    | GASKET (VALVE COVER)                | 1   |      |            |
| 7D   | 229-3557    | SEAL-O-RING                         | 1   |      |            |
| 7E   | 229-3558    | BOLT (M5X0.8X16-MM)                 | 1   | M    |            |
| 8    | 216-9608    | BREATHER (CRANKCASE)                | 1   |      |            |
| 8A   | 229-3555    | FILTER ELEMENT-BREATHER (CRANKCASE) | 1   |      |            |
| 8B   | 229-3556    | SEAL-O-RING (CRANKCASE BREATHER)    | 1   |      |            |
| 9    | 216-9611    | BRACKET                             | 1   |      |            |
| 10   | 249-2826    | HOSE (FUMES DISPOSAL, UPPER)        | 1   |      |            |

236-1702 COVER GP-VALVE MECHANISM (continued)

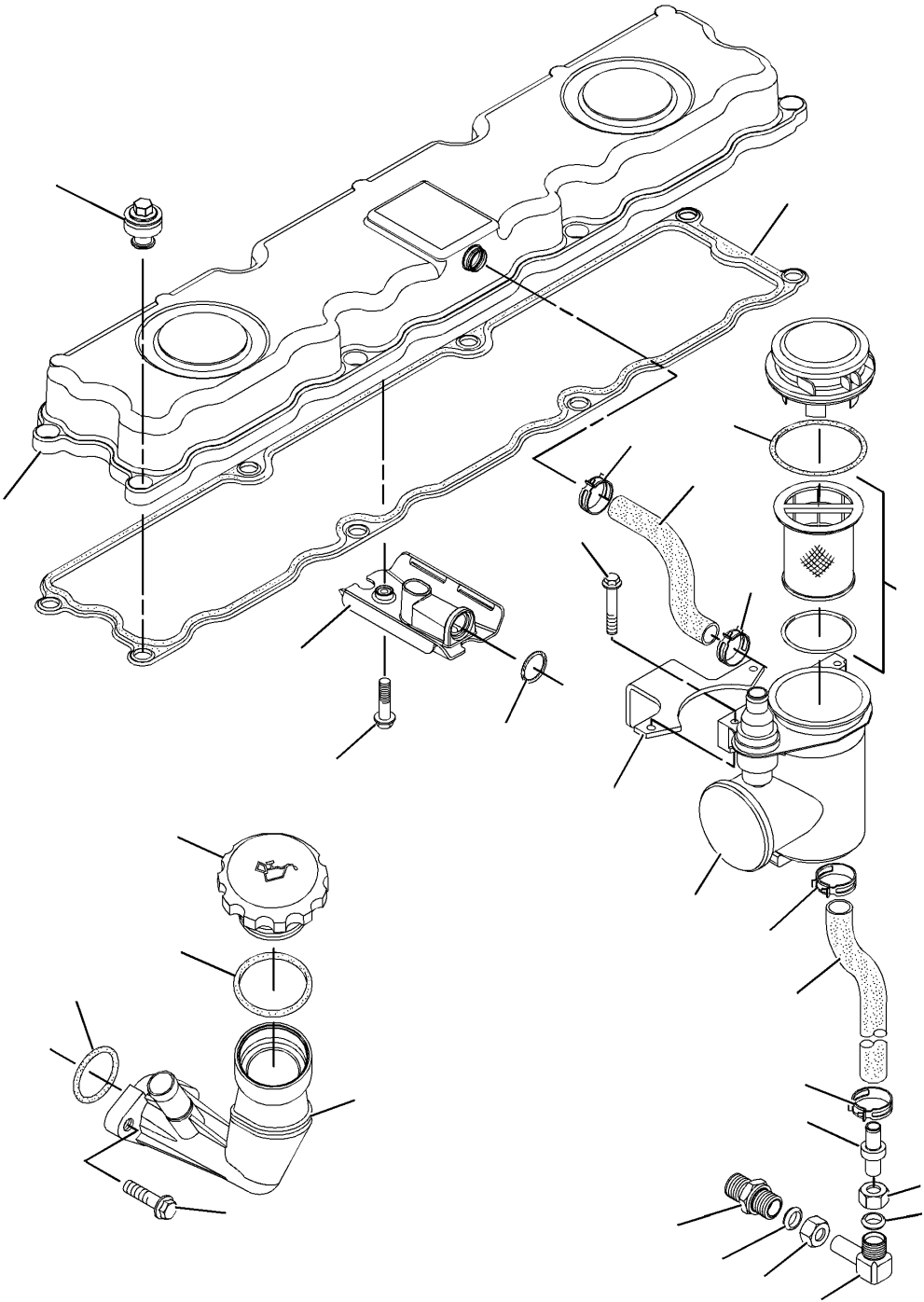
| Ref. | Part number | Description                            | Qty | Code | Group page |
|------|-------------|----------------------------------------|-----|------|------------|
| 11   | 249-2827    | HOSE (FUMES DISPOSAL, LOWER)           | 1   |      |            |
| 12   | 216-9618    | VALVE-CHECK (CRANKCASE BREATHER CHECK) | 1   |      |            |
| 13   | 216-9620    | ELBOW                                  | 1   |      |            |
| 14   | 216-9623    | ADAPTER                                | 1   |      |            |
| 15   | 234-6174    | FILLER AS-OIL                          | 1   |      |            |
| 15A  | 130-9888    | CAP AS-OIL FILLER (ENGINE)             | 1   |      |            |
| 15B  | 113-1504    | SEAL-O-RING                            | 1   |      |            |
| 15C  | 234-6171    | SEAL-O-RING                            | 1   |      |            |

CAT codes: M.

236-1702 COVER GP-VALVE MECHANISM

236-1702 COVER GP-VALVE MECHANISM S/N CPT10427-UP PART OF 188-5098 ENGINE AR-PRIMARY

Drawing 1 of 1



| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 2S-3440     | CLAMP-HOSE           | 2   |      |            |
| 2    | 5D-1026     | CLAMP-BAND           | 2   |      |            |
| 4    | 6I-0260     | BOLT (M8X1.25X25-MM) | 2   | M    |            |
| 5    | 112-7704    | BOLT (M6X1X30-MM)    | 2   | M    |            |
| 7    | 216-9606    | COVER AS (VALVE)     | 1   |      |            |

236-1702 COVER GP-VALVE MECHANISM (continued)

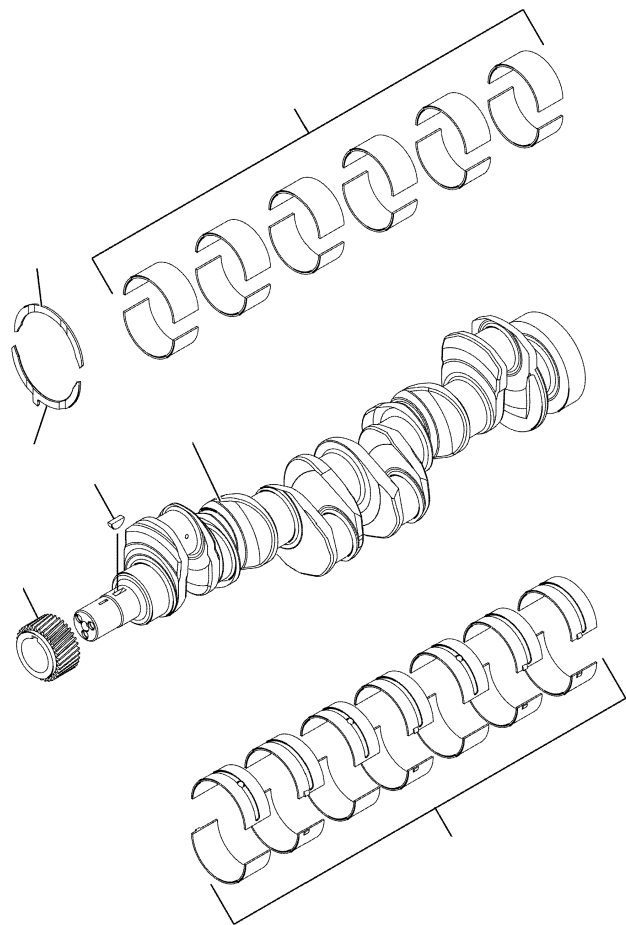
| Ref. | Part number | Description                            | Qty | Code | Group page |
|------|-------------|----------------------------------------|-----|------|------------|
| 7A   | 216-9600    | BOLT                                   | 8   |      |            |
| 7B   | 216-9602    | BREATHER AS (CRANKCASE)                | 1   |      |            |
| 7C   | 216-9604    | GASKET (VALVE COVER)                   | 1   |      |            |
| 7D   | 229-3557    | SEAL-O-RING                            | 1   |      |            |
| 7E   | 229-3558    | BOLT (M5X0.8X16-MM)                    | 1   | M    |            |
| 8    | 262-1044    | BREATHER AS (CRANKCASE)                | 1   | C    |            |
| 8A   | 229-3555    | FILTER ELEMENT-BREATHER (CRANKCASE)    | 1   |      |            |
| 8B   | 262-1046    | SEAL-O-RING (CRANKCASE BREATHER)       | 1   |      |            |
| 9    | 262-1045    | BRACKET                                | 1   | C    |            |
| 10   | 249-2826    | HOSE (FUMES DISPOSAL, UPPER)           | 1   |      |            |
| 11   | 249-2827    | HOSE (FUMES DISPOSAL, LOWER)           | 1   |      |            |
| 12   | 216-9618    | VALVE-CHECK (CRANKCASE BREATHER CHECK) | 1   |      |            |
| 13   | 268-0876    | ELBOW                                  | 1   |      |            |
| 15   | 234-6174    | FILLER AS-OIL                          | 1   |      |            |
| 15A  | 130-9888    | CAP AS-OIL FILLER (ENGINE)             | 1   |      |            |
| 15B  | 113-1504    | SEAL-O-RING                            | 1   |      |            |
| 15C  | 234-6171    | SEAL-O-RING                            | 1   |      |            |
| 16   | 7W-2628     | NUT                                    | 2   |      |            |
| 17   | 7W-2634     | UNION                                  | 1   |      |            |
| 18   | 032-8048    | FERRULE                                | 2   |      |            |

CAT codes: C, M.

216-8316 CRANKSHAFT GP

216-8316 CRANKSHAFT GP S/N CPT1-843 PART OF 188-5098 ENGINE AR-PRIMARY

Drawing 1 of 1



| Ref. | Part number | Description                            | Qty | Code | Group page |
|------|-------------|----------------------------------------|-----|------|------------|
| 1    | 1B-8736     | KEY-WOODRUFF                           | 1   |      |            |
| 2    | 216-8314    | GEAR-CRANKSHAFT (34-TEETH)             | 1   |      |            |
| 3    | 216-8315    | CRANKSHAFT GP                          | 1   |      |            |
| 4    | 7W-4589     | BEARING GP-MAIN (STANDARD)             | 1   |      |            |
|      | 7W-4590     | BEARING GP-MAIN                        |     | AB   |            |
|      | 7W-4591     | BEARING GP-MAIN (0.51-MM US)           |     | AB   |            |
|      | 7W-4592     | BEARING GP-MAIN (0.76-MM US)(STANDARD) |     | AB   |            |
| 5    | 7W-4816     | BEARING SET-ROD                        | 1   |      |            |
|      | 7W-4817     | BEARING GP-CONNECTING ROD              |     | AB   |            |
|      | 7W-4818     | BEARING GP-CONNECTING ROD (0.51-MM US) |     | AB   |            |
|      | 7W-4819     | BEARING GP-CONNECTING ROD (0.76-MM US) |     | AB   |            |
| 6    | 032-9090    | WASHER-THRUST (STANDARD-UPPER)         | 2   |      |            |

216-8316 CRANKSHAFT GP (continued)

| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
|      | 067-6873    | WASHER-THRUST (0.18-MM OS)     |     | AB   |            |
| 7    | 032-9091    | WASHER-THRUST (STANDARD-LOWER) | 2   |      |            |
|      | 067-6874    | WASHER-THRUST (0.18-MM OS)     |     | AB   |            |

CAT codes: A, B.

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