

# CATERPILLAR 247B

MTL / SEBP4634

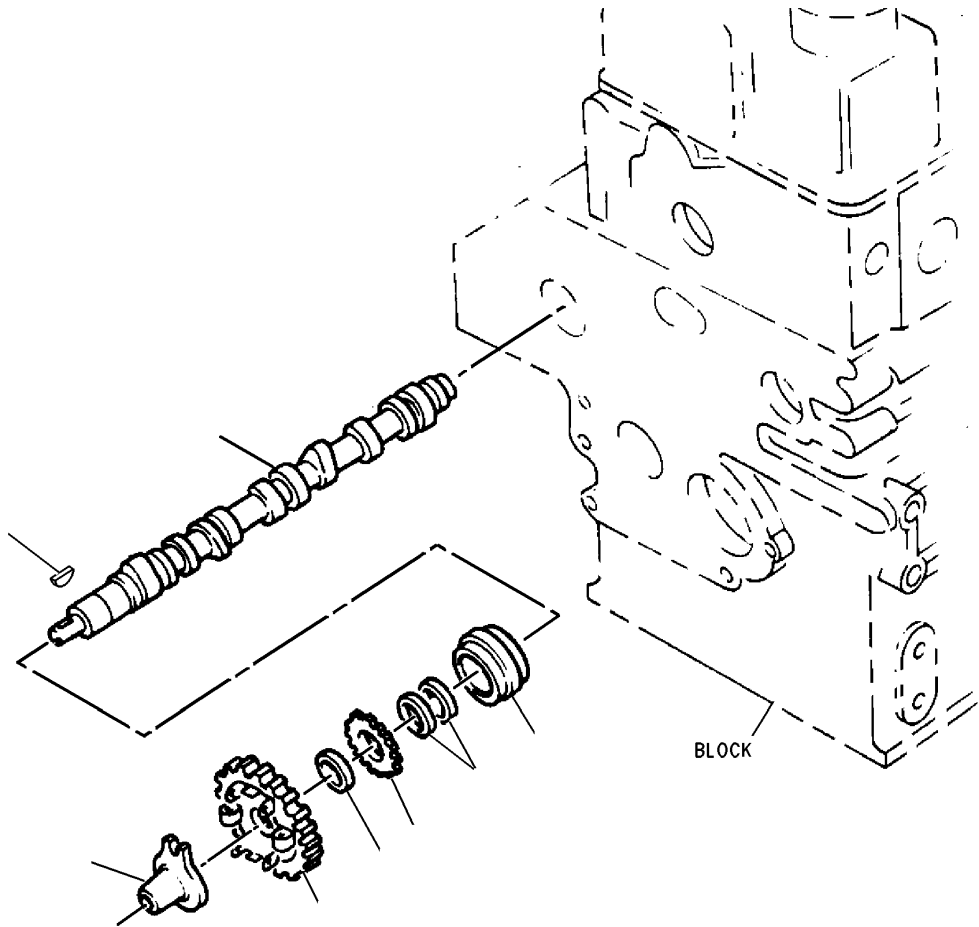
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| Electrical and electronics |      |
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| Hydraulic system           |      |
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| Air inlet and exhaust      |      |
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246-3337 CAMSHAFT GP

246-3337 CAMSHAFT GP S/N GGA1-31300; CSD1-11322 PART OF 300-5206 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1

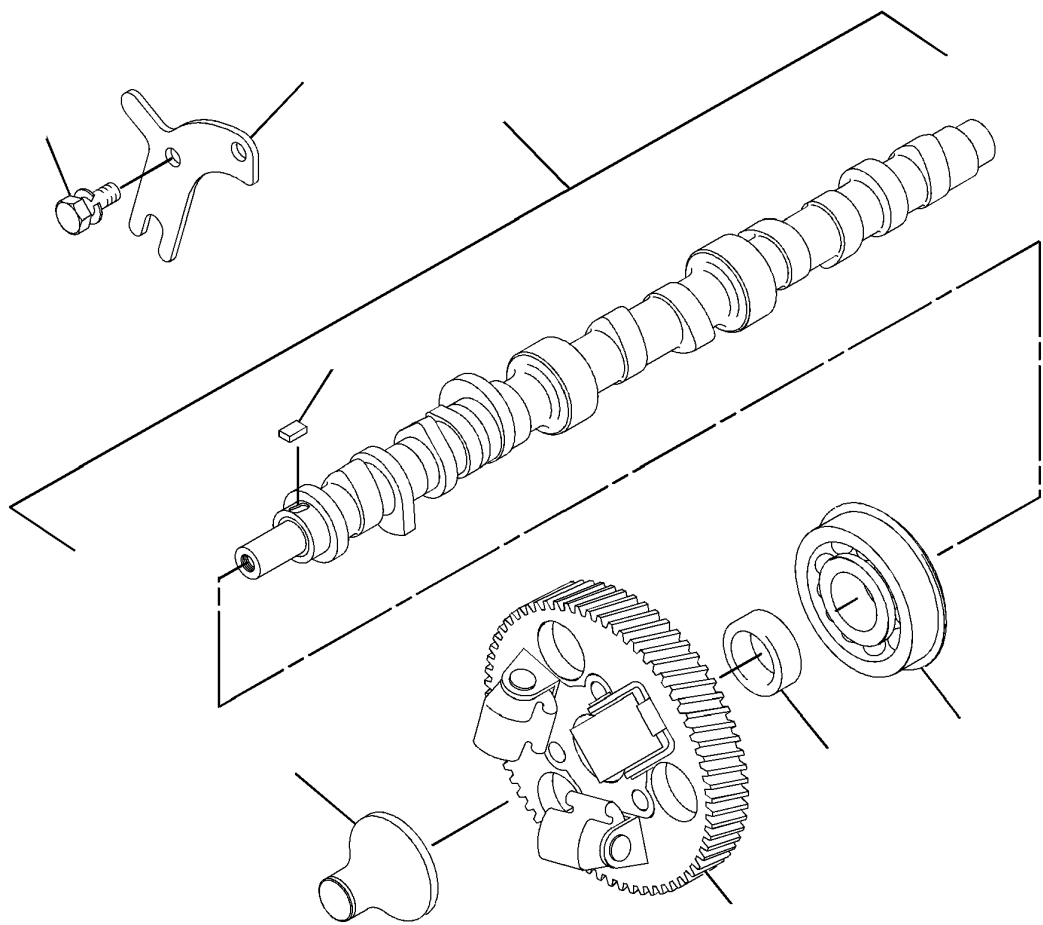


| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 217-7174    | TAPPET                   | 1   |      |            |
| 2    | 154-4504    | CAMSHAFT AS              | 1   |      |            |
| 2A   | 153-6492    | KEY-WOODRUFF             | 1   |      |            |
| 2B   | 154-4506    | SPACER                   | 3   |      |            |
| 2C   | 154-4507    | GEAR-CAMSHAFT (22-TEETH) | 1   |      |            |
| 2D   | 154-4508    | GEAR-CAMSHAFT (66-TEETH) | 1   |      |            |
| 2E   | 154-4505    | BEARING                  | 1   |      |            |

317-0971 CAMSHAFT GP

317-0971 CAMSHAFT GP S/N CYS1-UP PART OF 433-1380 ENGINE AR

Drawing 1 of 1

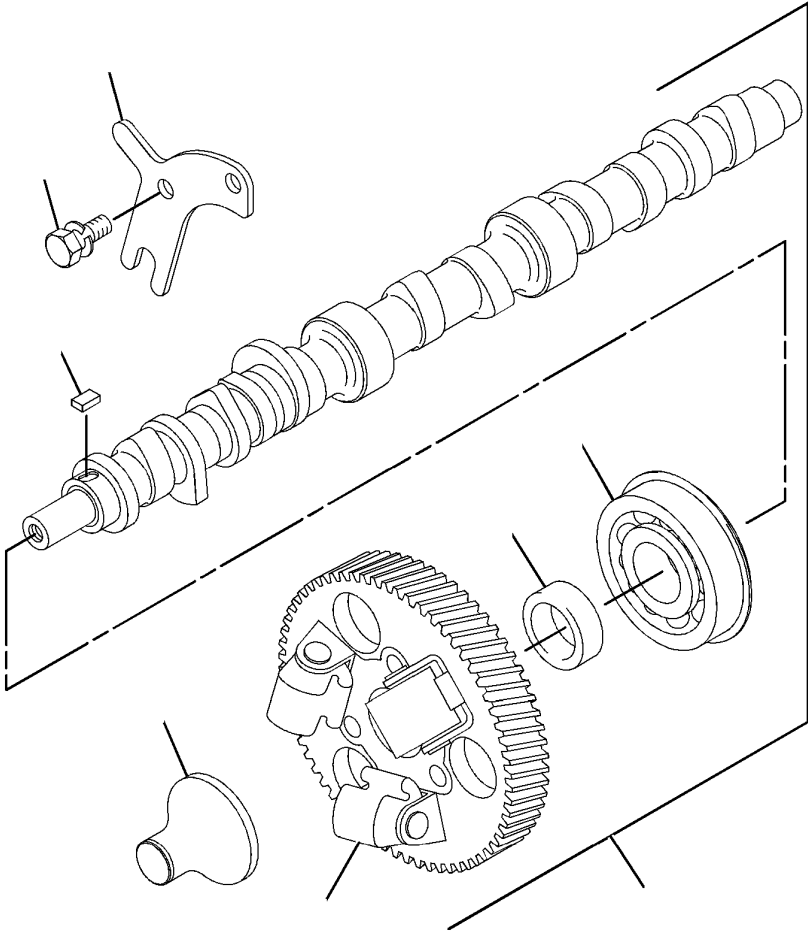


| Ref. | Part number | Description                 | Qty | Code | Group page |
|------|-------------|-----------------------------|-----|------|------------|
| 1    | 153-6838    | BOLT AS                     | 2   |      |            |
| 2    | 154-1680    | PLATE                       | 1   |      |            |
| 3    | 308-1904    | SLIDER                      | 1   |      |            |
| 4    | 308-1902    | CAMSHAFT AS                 | 1   |      |            |
| 4A   | 153-6492    | KEY-WOODRUFF                | 1   |      |            |
| 4B   | 154-4505    | BEARING                     | 1   |      |            |
| 4C   | 308-1903    | GEAR-CAMSHAFT (66-TEETH)    | 1   |      |            |
| 4D   | 313-9323    | SPACER (20.5X28X9.3-MM THK) | 1   |      |            |

322-4916 CAMSHAFT GP

322-4916 CAMSHAFT GP S/N CYP1-UP; CYS1-UP PART OF 292-5719, 415-5551, 456-4680 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1

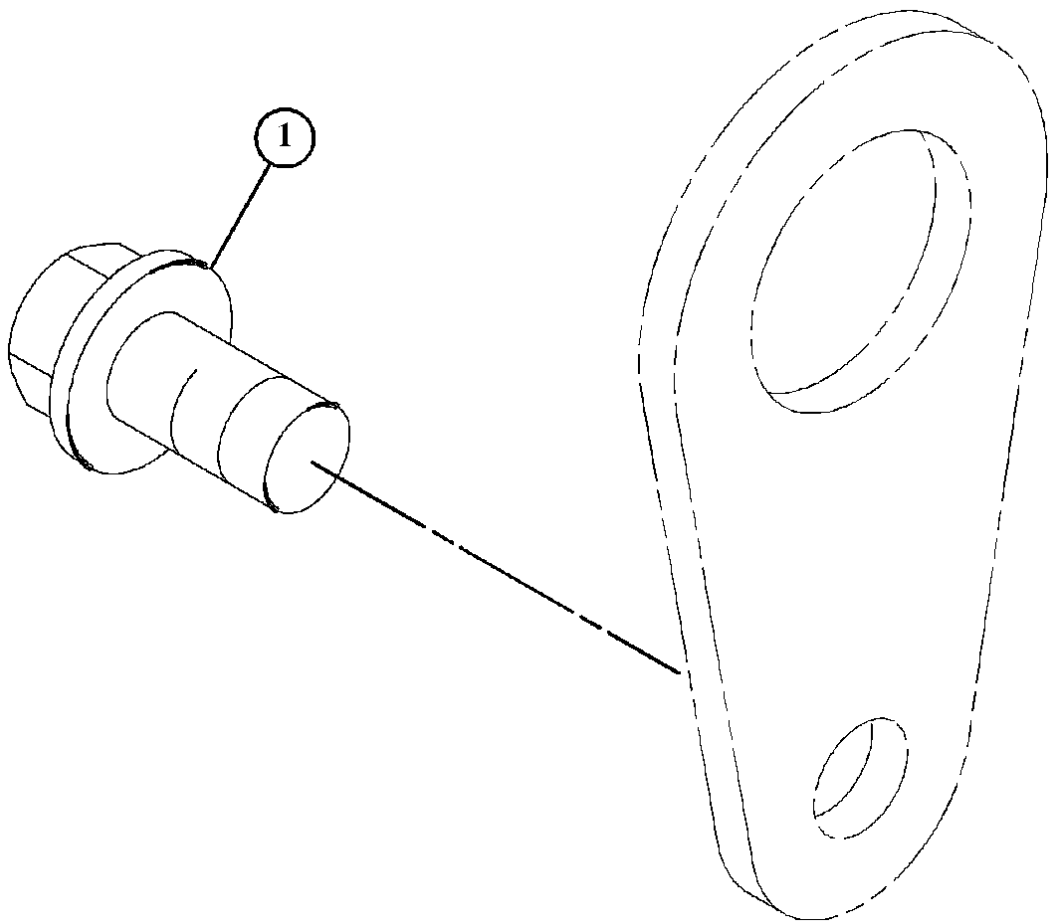


| Ref. | Part number | Description                 | Qty | Code | Group page |
|------|-------------|-----------------------------|-----|------|------------|
| 1    | 153-6838    | BOLT AS                     | 2   |      |            |
| 2    | 154-1680    | PLATE                       | 1   |      |            |
| 3    | 308-1902    | CAMSHAFT AS                 | 1   |      |            |
| 3A   | 153-6492    | KEY-WOODRUFF                | 1   |      |            |
| 3B   | 154-4505    | BEARING                     | 1   |      |            |
| 3C   | 308-1903    | GEAR-CAMSHAFT (66-TEETH)    | 1   |      |            |
| 3D   | 313-9323    | SPACER (20.5X28X9.3-MM THK) | 1   |      |            |
| 4    | 308-1904    | SLIDER                      | 1   |      |            |

342-1268 COVER GP-ENGINE

342-1268 COVER GP-ENGINE S/N CYS1-UP PART OF 433-1380 ENGINE AR

Drawing 1 of 1



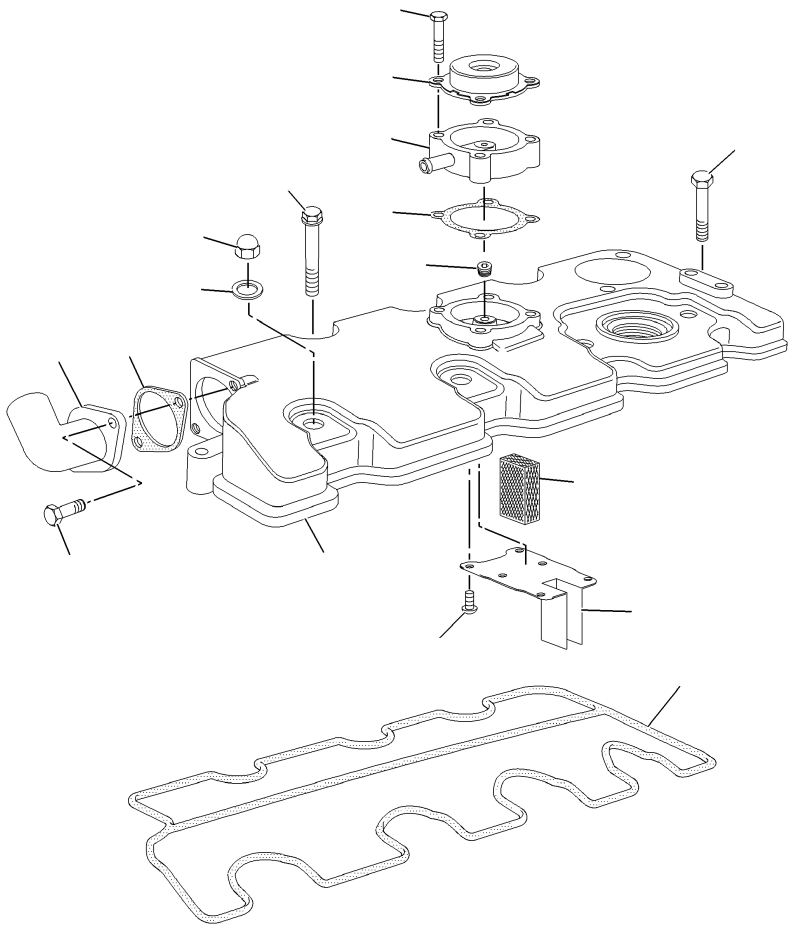
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 124-3815    | BOLT (M8X1.25X16-MM) | 1   | M    |            |

CAT codes: M.

238-9348 COVER GP-VALVE MECHANISM

238-9348 COVER GP-VALVE MECHANISM S/N GGA1-31300; CSD1-11322 PART OF 300-5206 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                | Qty | Code | Group page |
|------|-------------|----------------------------|-----|------|------------|
| 1    | 153-5939    | STOPPER (OIL)              | 1   |      |            |
| 2    | 165-2140    | BOLT AS                    | 2   |      |            |
| 3    | 153-5962    | BOLT AS                    | 3   |      |            |
| 4    | 153-7640    | BOLT AS                    | 2   |      |            |
| 5    | 154-1347    | NUT (M10X1.25-THD)         | 4   | M    |            |
| 6    | 190-3762    | WASHER                     | 4   |      |            |
| 7    | 183-1165    | PLUG                       | 1   |      |            |
| 8    | 217-5859    | VALVE-BREATHER (CRANKCASE) | 1   |      |            |
| 9    | 217-5861    | PLATE-RETAINING            | 1   |      |            |
| 10   | 217-5862    | SCREW (SELF-TAPPING)       | 6   |      |            |
| 11   | 217-5864    | GASKET                     | 1   |      |            |
| 12   | 233-0695    | SEAL-VALVE COVER           | 1   |      |            |
| 13   | 238-8731    | ADAPTER-BREATHER           | 1   |      |            |
| 14   | 238-9289    | COVER-VALVE                | 1   |      |            |

238-9348 COVER GP-VALVE MECHANISM (continued)

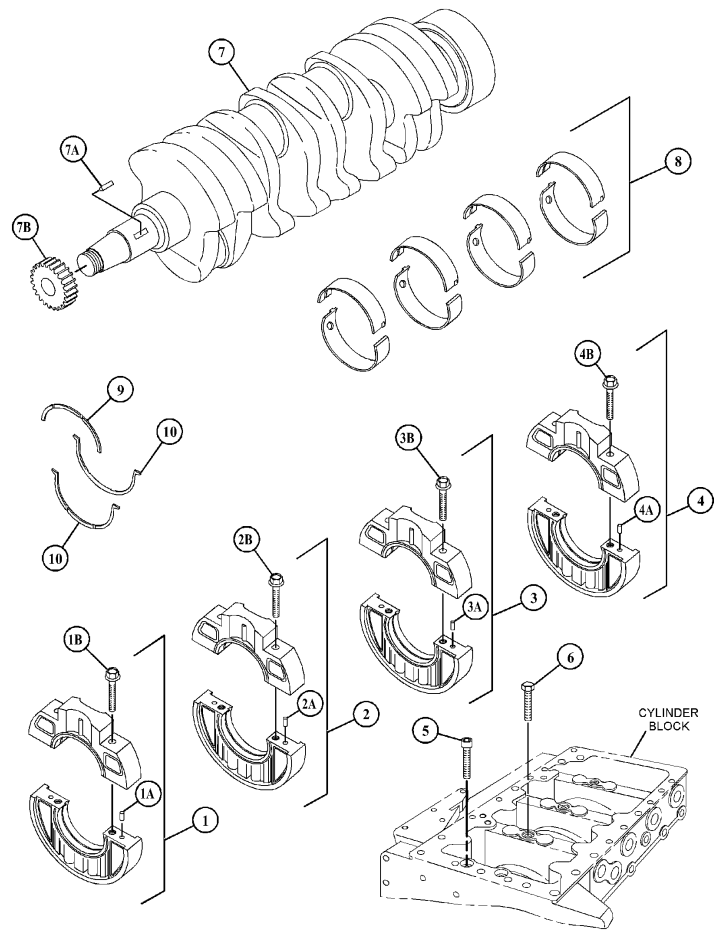
| Ref. | Part number | Description         | Qty | Code | Group page |
|------|-------------|---------------------|-----|------|------------|
| 15   | 238-9295    | BOLT (M4X0.7X30-MM) | 1   | M    |            |
| 16   | 262-3975    | GASKET              | 1   | C    |            |
| 17   | 249-1486    | CONNECTION-AIR      | 1   | C    |            |

CAT codes: C, M.

270-6915 CRANKSHAFT GP

270-6915 CRANKSHAFT GP S/N GGA1-31300; CSD1-11322 PART OF 300-5206 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 154-0181    | CAP AS-BEARING                   | 1   |      |            |
| 1A   | 153-5402    | DOWEL                            | 2   |      |            |
| 1B   | 154-0385    | BOLT                             | 2   |      |            |
| 2    | 154-0386    | CAP AS-BEARING                   | 1   |      |            |
| 2A   | 153-5402    | DOWEL                            | 2   |      |            |
| 2B   | 154-0385    | BOLT                             | 2   |      |            |
| 3    | 154-0388    | CAP AS-BEARING                   | 1   |      |            |
| 3A   | 153-5402    | DOWEL                            | 2   |      |            |
| 3B   | 154-0385    | BOLT                             | 2   |      |            |
| 4    | 154-0389    | CAP AS-BEARING                   | 1   |      |            |
| 4A   | 153-5402    | DOWEL                            | 2   |      |            |
| 4B   | 154-0385    | BOLT                             | 2   |      |            |
| 5    | 8T-9535     | BOLT-SOCKET HEAD (M8X1.25X60-MM) | 2   | M    |            |
| 6    | 156-6971    | BOLT                             | 3   |      |            |
| 7    | 154-1201    | CRANKSHAFT GP                    | 1   |      |            |

270-6915 CRANKSHAFT GP (continued)

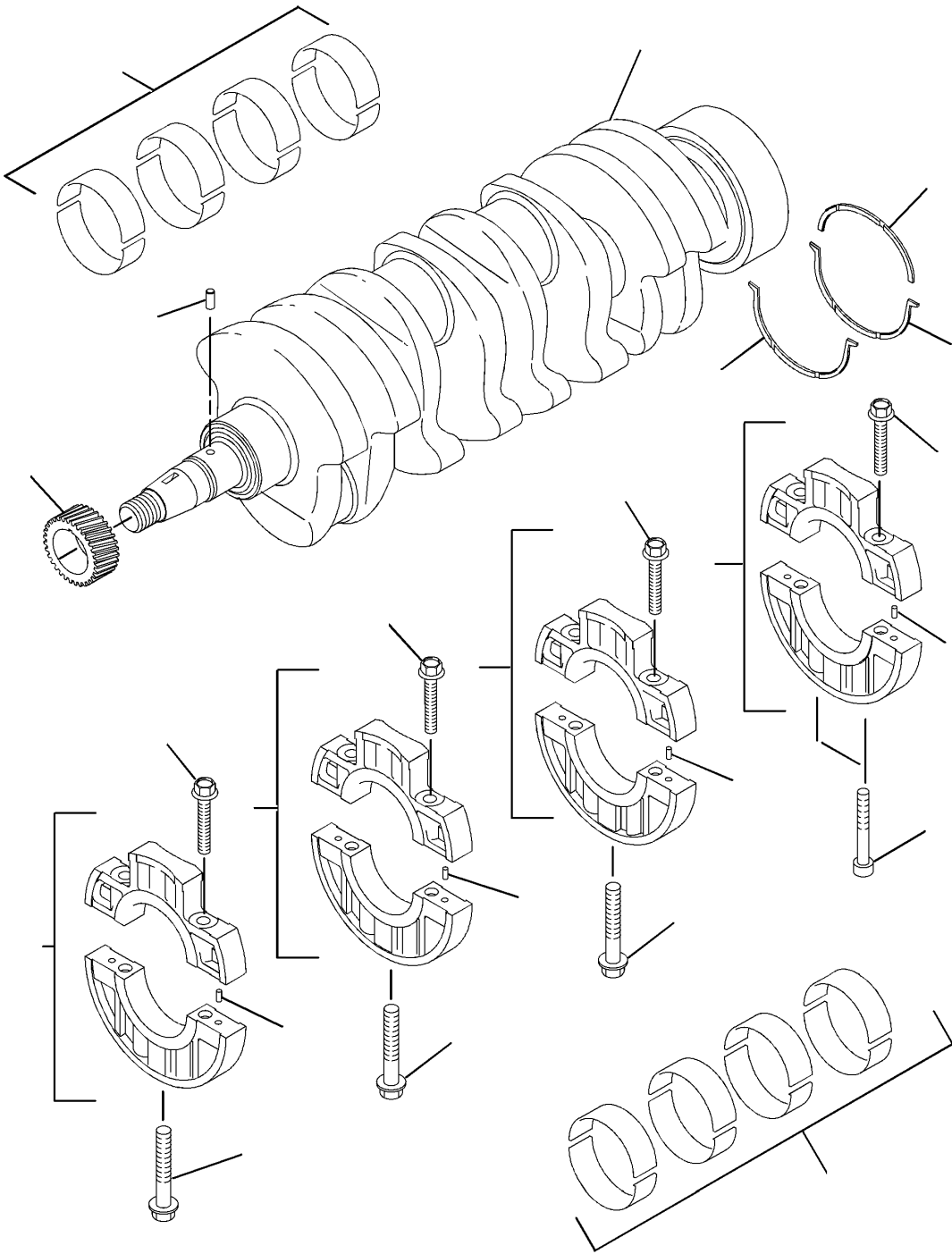
| Ref.                           | Part number | Description                         | Qty | Code | Group page |
|--------------------------------|-------------|-------------------------------------|-----|------|------------|
| 7A                             | 153-5518    | KEY                                 | 1   |      |            |
| 7B                             | 154-1202    | GEAR-CRANKSHAFT (33-TEETH)          | 1   |      |            |
| 8                              | 154-1203    | KIT-CRANKSHAFT BEARING (MAIN)       | 1   | J    |            |
| 9                              | 154-1230    | WASHER-THRUST                       | 1   |      |            |
| 10                             | 154-1231    | WASHER-THRUST                       | 2   |      |            |
| AVAILABLE REPLACEMENT PART(S): |             |                                     |     |      |            |
|                                | 161-7163    | KIT-CRANKSHAFT BEARING (0.25-MM US) |     | ABJ  |            |
| (INCLUDES BEARINGS)            |             |                                     |     |      |            |
|                                | 161-7164    | KIT-CRANKSHAFT BEARING (0.5-MM US)  |     | ABJ  |            |
| (INCLUDES BEARINGS)            |             |                                     |     |      |            |

CAT codes: A, B, J, M.

308-2283 CRANKSHAFT GP

308-2283 CRANKSHAFT GP S/N CYS1-UP PART OF 433-1380 ENGINE AR

Drawing 1 of 1



| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 154-0181    | CAP AS-BEARING | 1   |      |            |
| 1A   | 153-5402    | DOWEL          | 2   |      |            |
| 1B   | 154-0385    | BOLT           | 2   |      |            |
| 2    | 154-0386    | CAP AS-BEARING | 1   |      |            |
| 2A   | 153-5402    | DOWEL          | 2   |      |            |

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