

# CATERPILLAR 320D2

GBA / SEBP6513

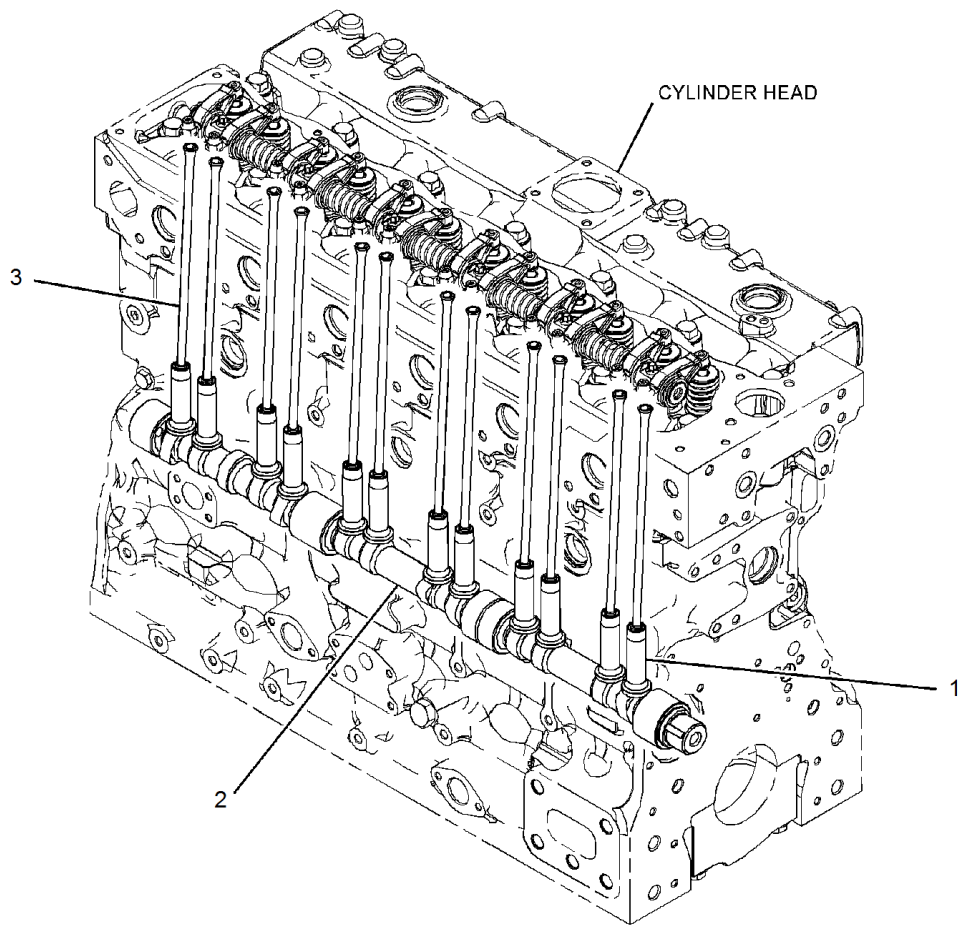
## Contents

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

# 343-0701 CAMSHAFT GP

343-0701 CAMSHAFT GP S/N D7A1-UP PART OF 417-3389 ENGINE AR-PRIMARY

Drawing 1 of 1

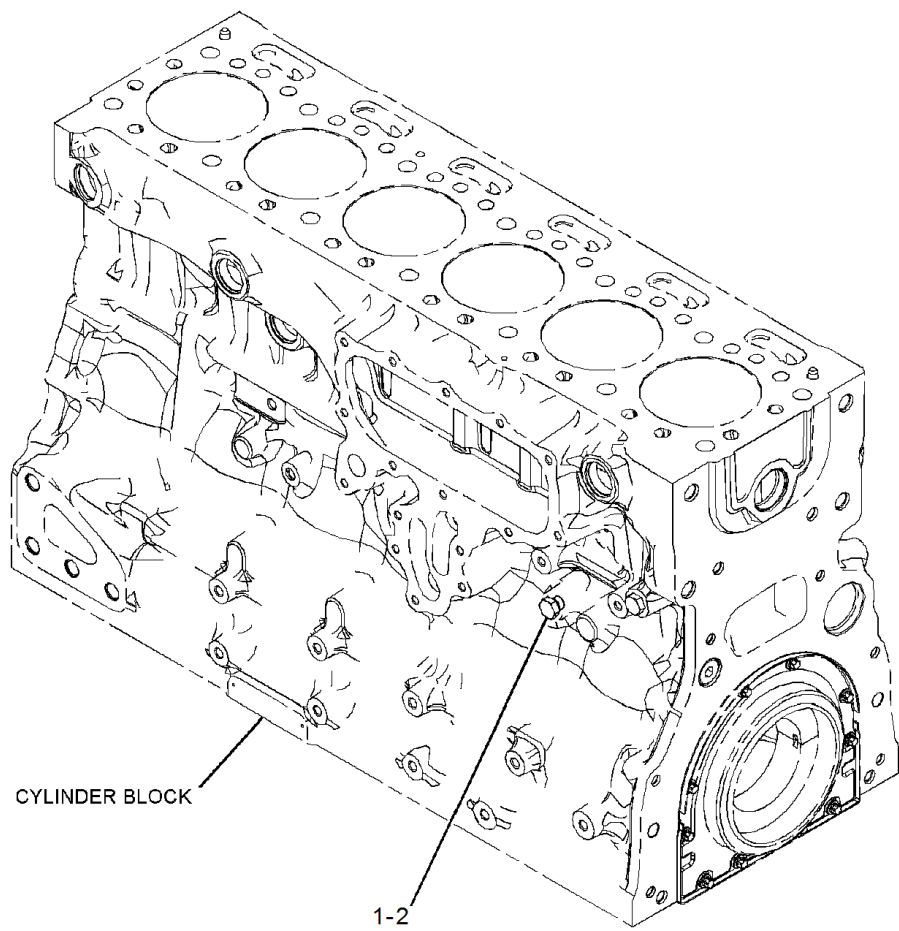


| Ref. | Part number | Description  | Qty | Code | Group page |
|------|-------------|--------------|-----|------|------------|
| 1    | 464-6253    | LIFTER-VALVE | 12  |      |            |
| 2    | 350-0637    | CAMSHAFT GP  | 1   |      |            |
|      | 067-6135    | KEY-WOODRUFF | 1   |      |            |
| 3    | 067-6095    | ROD          | 12  |      |            |

417-7185 CONTACTOR GP-ALARM

417-7185 CONTACTOR GP-ALARM S/N D7A1-UP PART OF 417-3389 ENGINE AR-PRIMARY

Drawing 1 of 1

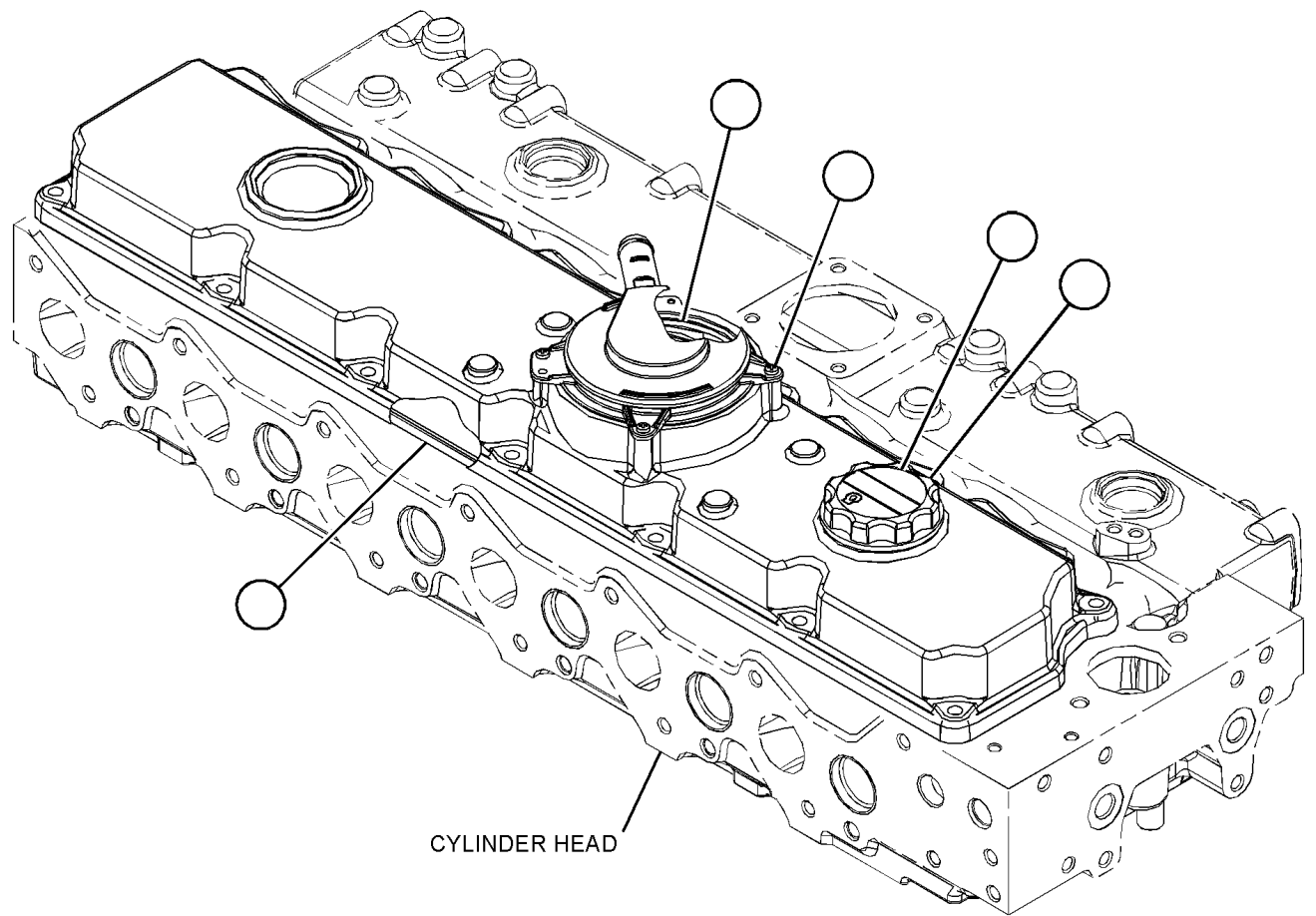


| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 199-9267    | SEAL-O-RING     | 1   |      |            |
| 2    | 232-3861    | PLUG (BLANKING) | 1   |      |            |

### 335-6883 COVER GP-VALVE MECHANISM -CYLINDER HEAD

335-6883 COVER GP-VALVE MECHANISM -CYLINDER HEAD S/N D7A1-UP PART OF 426-1498 COVER GP-VALVE MECHANISM

Drawing 1 of 1



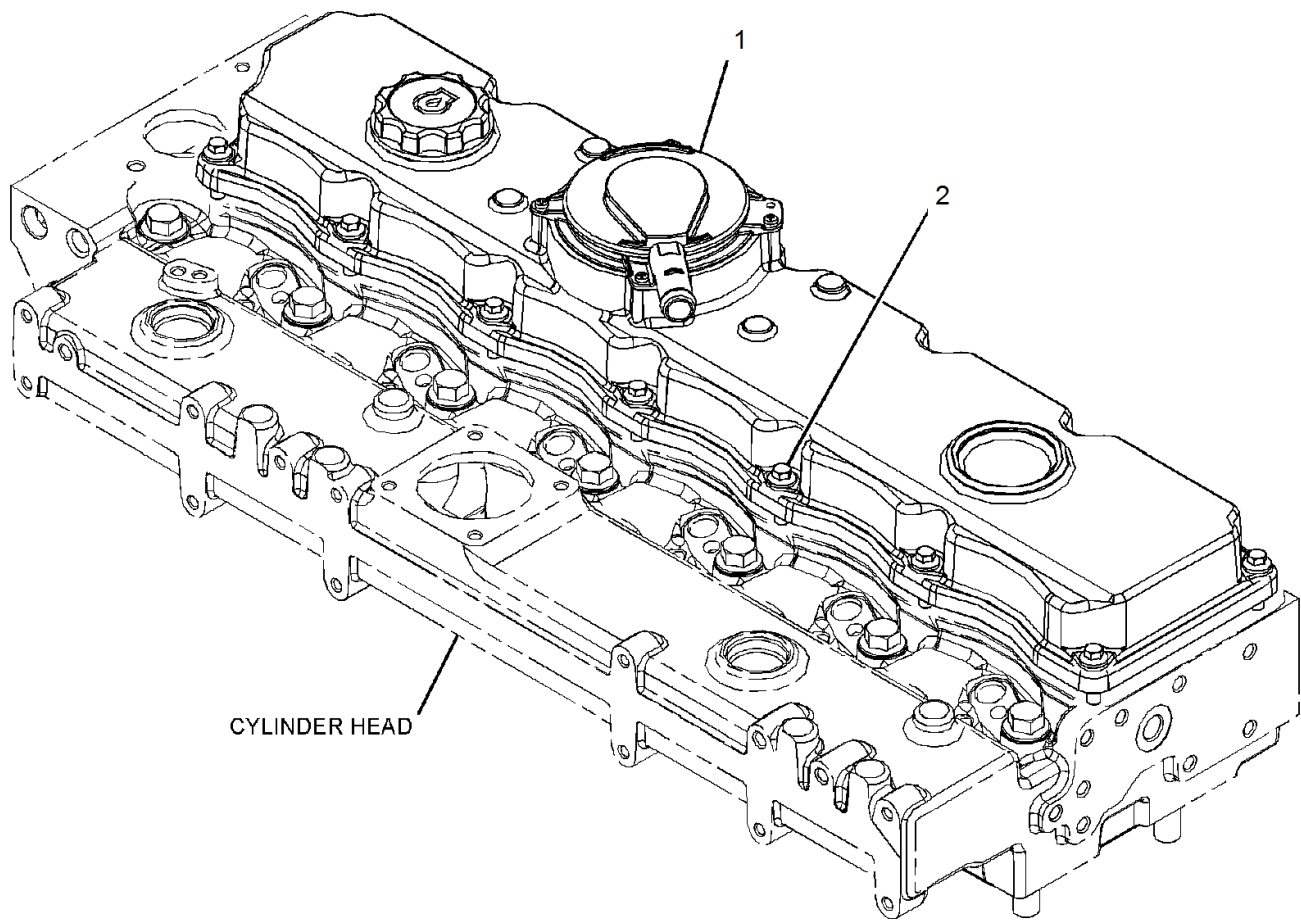
| Ref. | Part number | Description                              | Qty | Code | Group page |
|------|-------------|------------------------------------------|-----|------|------------|
| 1    | 326-7289    | SEAL-O-RING                              | 1   |      |            |
| 2    | 369-3869    | CAP AS-ENGINE OIL FILLER                 | 1   |      |            |
| 2A   | 357-0147    | FILM-IDENTIFICATION (OIL FILL, READ OMM) | 1   |      |            |
| 3    | 256-7704    | SEAL-VALVE COVER                         | 1   |      |            |
| 4    | 8T-0337     | SCREW-MACHINE (M4X0.7X12-MM)             | 4   | M    |            |

CAT codes: M.

426-1498 COVER GP-VALVE MECHANISM -CRANKCASE

426-1498 COVER GP-VALVE MECHANISM -CRANKCASE S/N D7A1-UP PART OF 417-3389 ENGINE AR-PRIMARY

Drawing 1 of 1



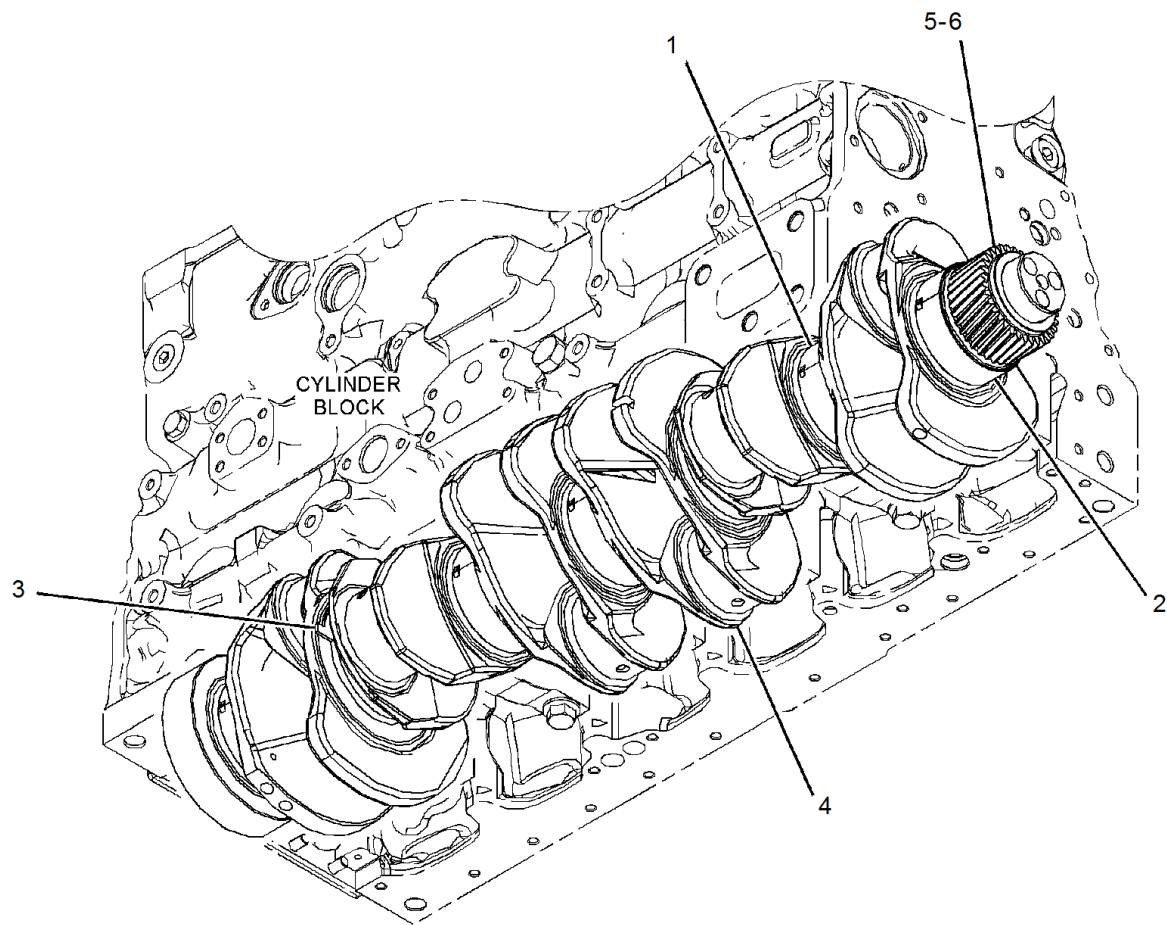
| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 335-6883    | COVER GP-VALVE MECHANISM | 1   | Y    |            |
| 2    | 6I-0254     | BOLT (M8X1.25X30-MM)     | 14  | M    |            |

CAT codes: M, Y.

348-3285 CRANKSHAFT GP

348-3285 CRANKSHAFT GP S/N D7A1-UP PART OF 425-0779 CYLINDER BLOCK GP-SHORT, 417-3389 ENGINE AR-PRIMARY

Drawing 1 of 1



| Ref.                     | Part number | Description                         | Qty | Code | Group page |
|--------------------------|-------------|-------------------------------------|-----|------|------------|
| 1                        | 470-8101    | BEARING-CRANKSHAFT (STANDARD-UPPER) | 7   | L    |            |
| 2                        | 470-8171    | BEARING-CRANKSHAFT (STANDARD-LOWER) | 7   |      |            |
| 3                        | 363-0559    | WASHER-THRUST                       | 2   | J    |            |
| 4                        | 376-4074    | CRANKSHAFT                          | 1   |      |            |
| 5                        | 067-6135    | KEY-WOODRUFF                        | 1   |      |            |
| 6                        | 276-7391    | GEAR (34-TEETH)                     | 1   |      |            |
| AVAILABLE REPAIR KIT(S): |             |                                     |     |      |            |
|                          | 448-4217    | KIT-BEARING (STANDARD)(CRANKSHAFT)  | 1   | L    |            |
| (INCLUDES BEARINGS)      |             |                                     |     |      |            |
|                          | 448-4218    | KIT-BEARING (0.254-MM US)           |     | AB   |            |
| (INCLUDES BEARINGS)      |             |                                     |     |      |            |
|                          | 448-4220    | KIT-BEARING (0.508-MM US)           |     | AB   |            |
| (INCLUDES BEARINGS)      |             |                                     |     |      |            |
|                          | 448-4222    | KIT-BEARING (0.762-MM US)           |     | AB   |            |

348-3285 CRANKSHAFT GP (continued)

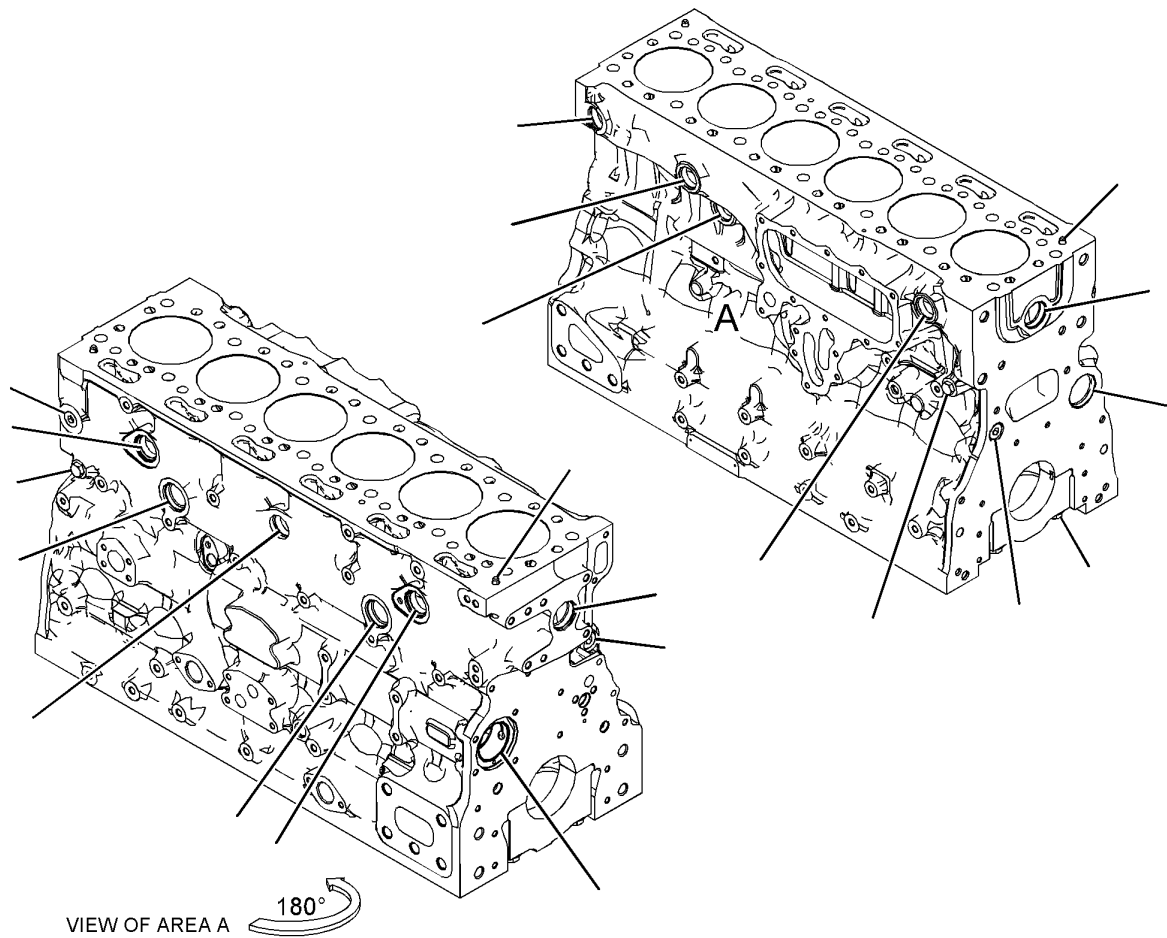
| Ref.                | Part number | Description                       | Qty. | Code | Group page |
|---------------------|-------------|-----------------------------------|------|------|------------|
| (INCLUDES BEARINGS) |             |                                   |      |      |            |
|                     | 364-5145    | KIT-WASHER (STANDARD)(CRANKSHAFT) | 1    | J    |            |
| (INCLUDES WASHERS)  |             |                                   |      |      |            |
|                     | 448-4227    | KIT-WASHER (0.20-MM US)           |      | AB   |            |
| (INCLUDES WASHERS)  |             |                                   |      |      |            |

CAT codes: A, B, J, L.

331-1682 CYLINDER BLOCK AS

331-1682 CYLINDER BLOCK AS S/N D7A1-UP PART OF 348-3283 CYLINDER BLOCK GP

Drawing 1 of 1

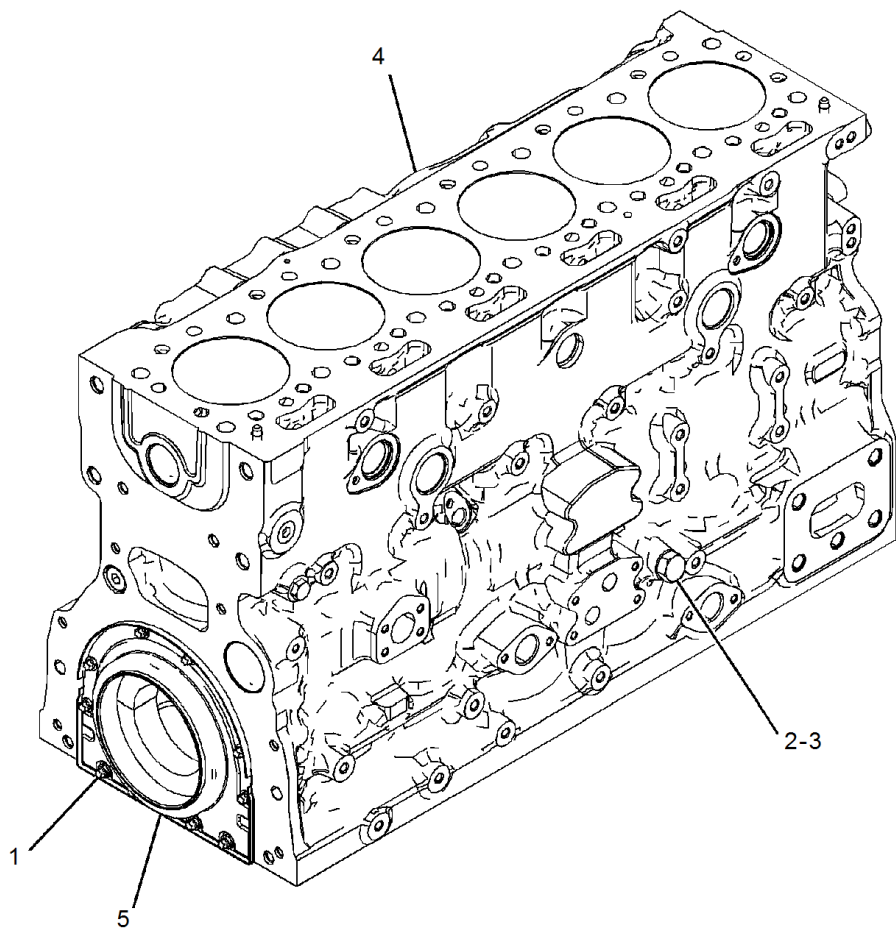


| Ref. | Part number | Description                | Qty | Code | Group page |
|------|-------------|----------------------------|-----|------|------------|
| 1    | 067-6043    | PLUG-SIDE                  | 7   |      |            |
| 2    | 185-0884    | DOWEL                      | 2   |      |            |
| 3    | 225-8858    | PLUG                       | 2   |      |            |
| 4    | 232-7597    | PLUG                       | 2   |      |            |
| 5    | 232-7599    | PLUG                       | 2   |      |            |
| 6    | 276-5602    | PLUG-CORE                  | 2   |      |            |
| 7    | 232-7596    | PLUG                       | 1   |      |            |
| 8    | 067-6823    | PLUG                       | 1   |      |            |
| 9    | 276-5600    | BOLT-SPECIAL (BEARING CAP) | 14  |      |            |
| 10   | 370-6545    | BUSHING-CAMSHAFT           | 1   |      |            |

348-3283 CYLINDER BLOCK GP

348-3283 CYLINDER BLOCK GP S/N D7A1-UP PART OF 425-0779 CYLINDER BLOCK GP-SHORT, 417-3389 ENGINE AR-PRIMARY

Drawing 1 of 1



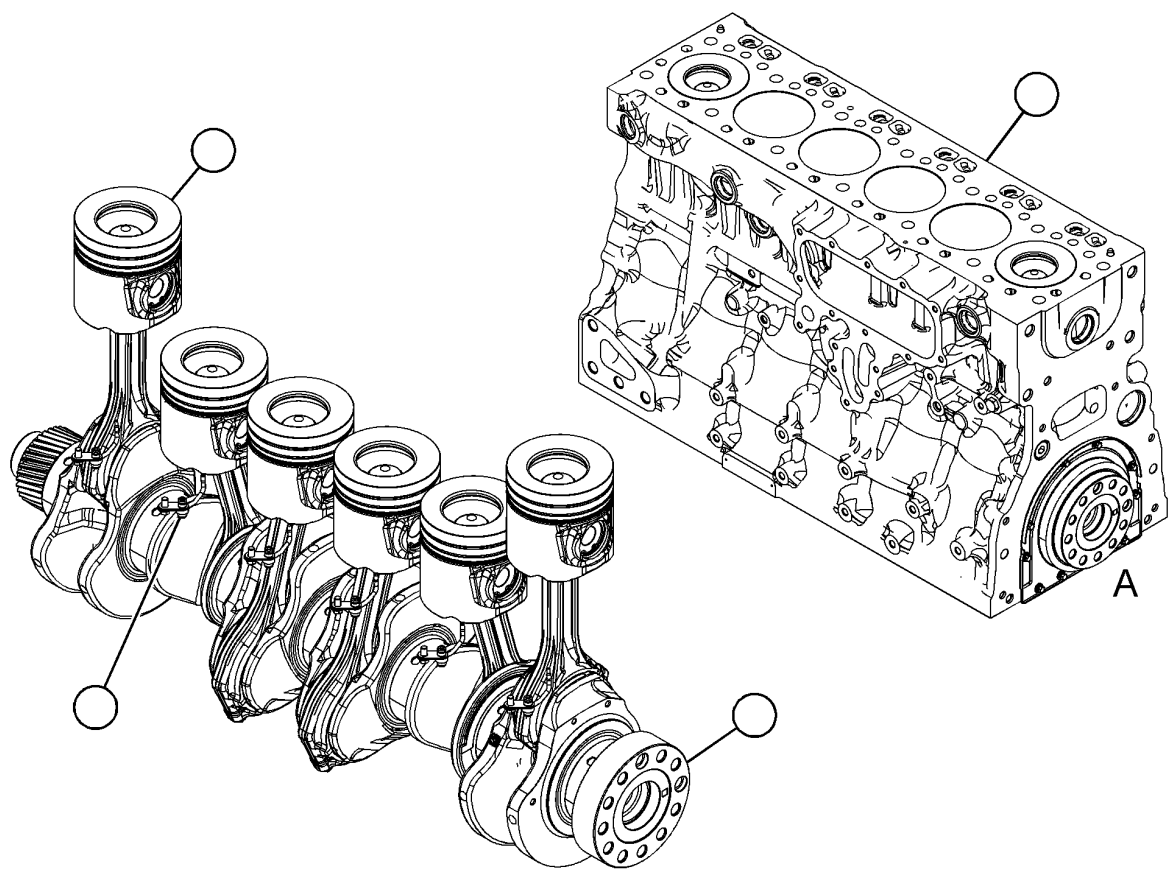
| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 209-9219    | BOLT (M8X1.25X16-MM) | 10  | M    |            |
| 2    | 232-1322    | PLUG                 | 1   |      |            |
| 3    | 276-5603    | SEAL-O-RING          | 1   |      |            |
| 4    | 331-1682    | CYLINDER BLOCK AS    | 1   | Y    |            |
| 5    | 232-7449    | HOUSING AS           | 1   |      |            |

CAT codes: M, Y.

# 425-0779 CYLINDER BLOCK GP-SHORT

425-0779 CYLINDER BLOCK GP-SHORT S/N D7A1-UP PART OF 417-3389 ENGINE AR-PRIMARY

Drawing 1 of 1



VIEW OF AREA A  
(PARTS REMOVED FOR CLARITY)

| Ref. | Part number | Description           | Qty | Code | Group page |
|------|-------------|-----------------------|-----|------|------------|
| 1    | 348-3283    | CYLINDER BLOCK GP     | 1   | Y    |            |
| 2    | 348-3285    | CRANKSHAFT GP         | 1   | Y    |            |
| 3    | 348-3503    | JET GP-PISTON COOLING | 1   | Y    |            |
| 4    | 348-3300    | PISTON & ROD GP       | 1   | Y    |            |

CAT codes: Y.

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