

# CATERPILLAR 2570C

F1B / SEBP5112

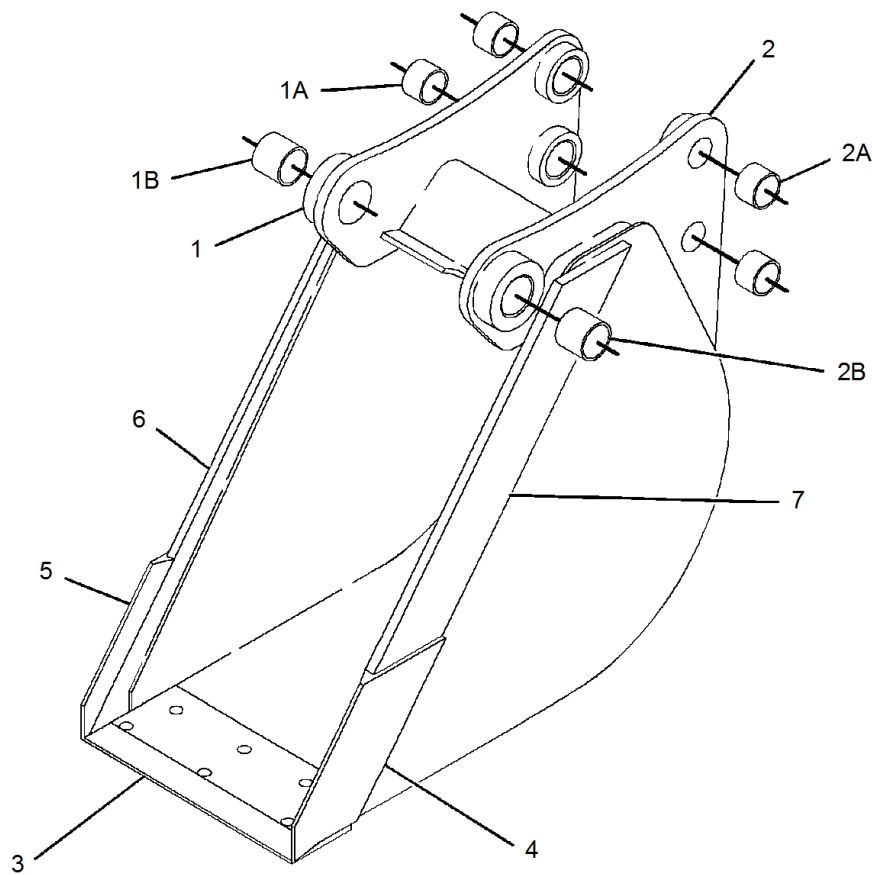
## Contents

| Section                     | Page |
|-----------------------------|------|
| Basic engine                | 2    |
| Lubrication system          |      |
| Cooling system              |      |
| Air inlet and exhaust       |      |
| Fuel system                 |      |
| Basic engine                |      |
| Basic engine                |      |
| Electrical and electronics  |      |
| Power train                 |      |
| Frame, guards and enclosure |      |
| Power train                 |      |
| Steering and brakes         |      |
| Hydraulic system            |      |
| Air inlet and exhaust       |      |
| Catalog items               |      |
| Catalog items               |      |

350-5686 BELT TENSIONER GP

350-5686 BELT TENSIONER GP S/N C7R1-UP PART OF 348-8475 ENGINE AR-PRIMARY

Drawing 1 of 1

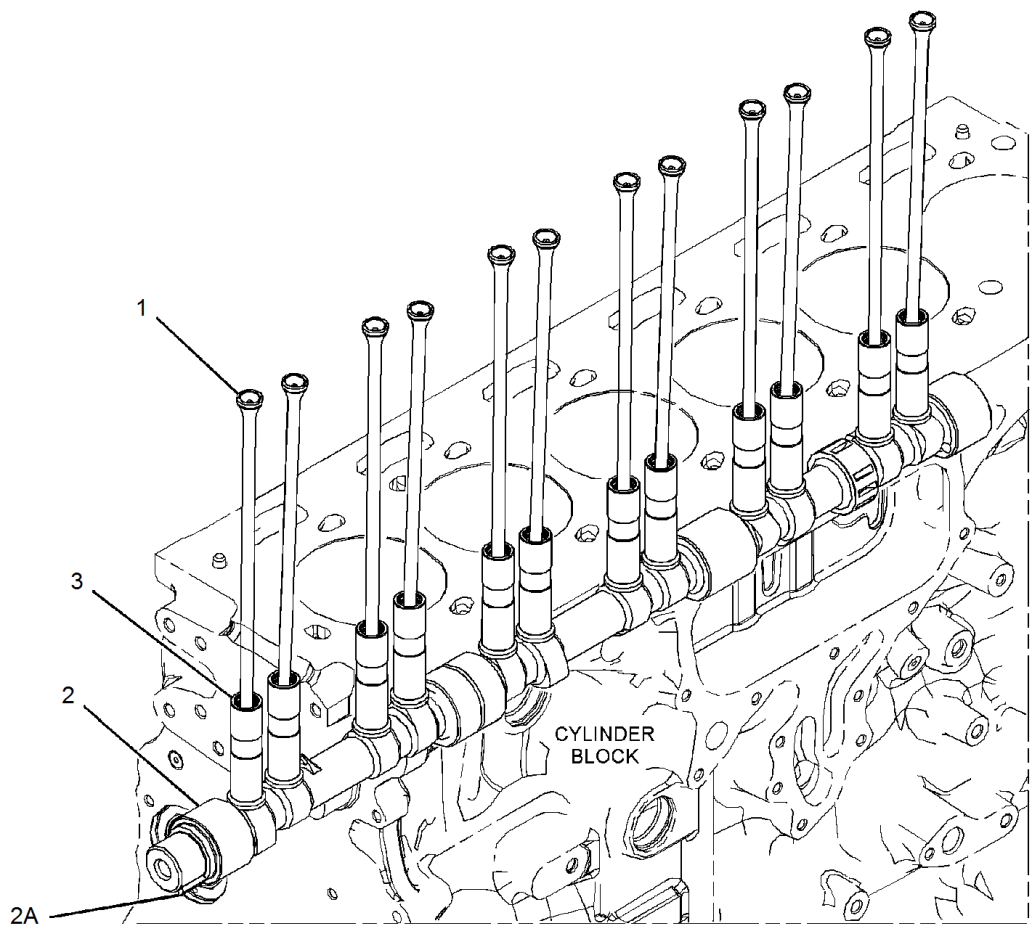


| Ref. | Part number | Description       | Qty | Code | Group page |
|------|-------------|-------------------|-----|------|------------|
| 1    | 369-1255    | TENSIONER         | 1   |      |            |
| 2    | 337-6324    | PULLEY (8-GROOVE) | 1   |      |            |

340-0140 CAMSHAFT GP

340-0140 CAMSHAFT GP S/N C7R1-UP PART OF 348-8475 ENGINE AR-PRIMARY

Drawing 1 of 1

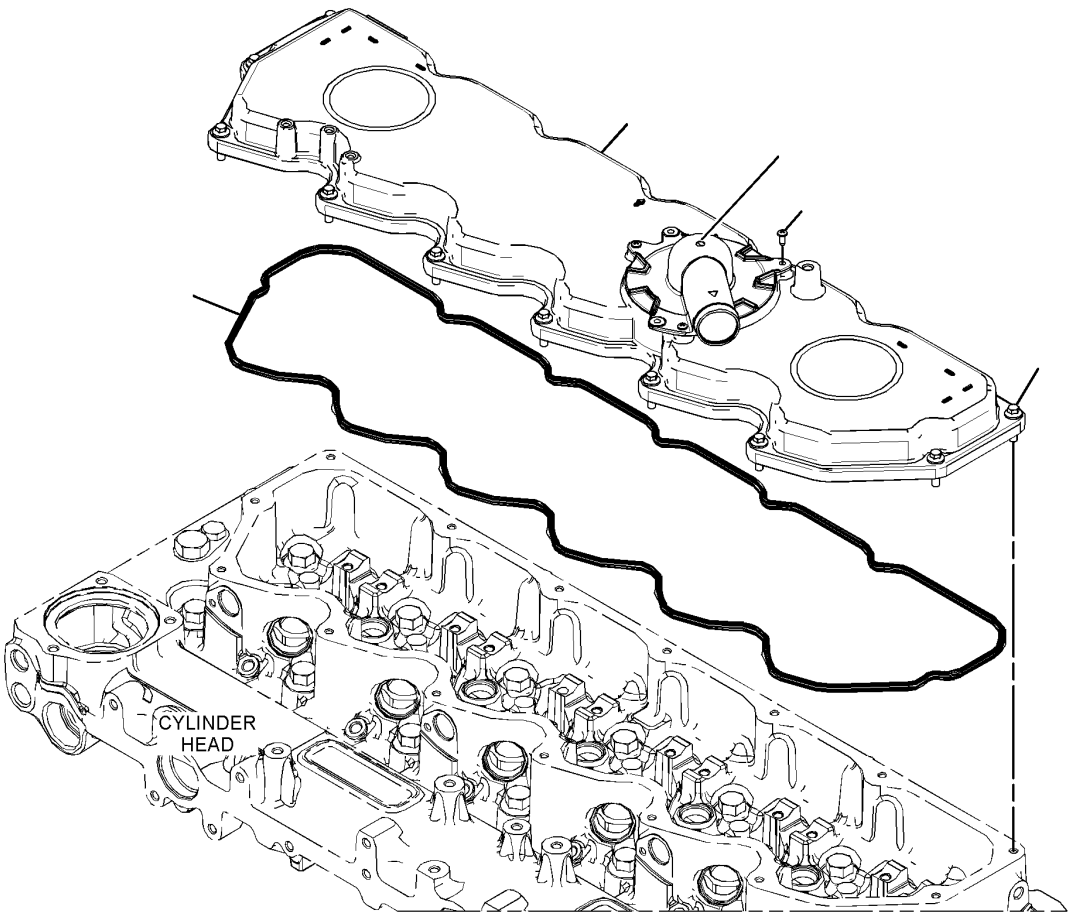


| Ref. | Part number | Description  | Qty | Code | Group page |
|------|-------------|--------------|-----|------|------------|
| 1    | 319-8426    | PUSHROD      | 12  |      |            |
| 2    | 336-7516    | CAMSHAFT GP  | 1   |      |            |
| 2A   | 1B-8736     | KEY-WOODRUFF | 1   |      |            |
| 3    | 385-4313    | TAPPET       | 12  |      |            |

359-1701 COVER GP-VALVE MECHANISM

359-1701 COVER GP-VALVE MECHANISM S/N C7R1-UP PART OF 348-8475 ENGINE AR-PRIMARY

Drawing 1 of 1



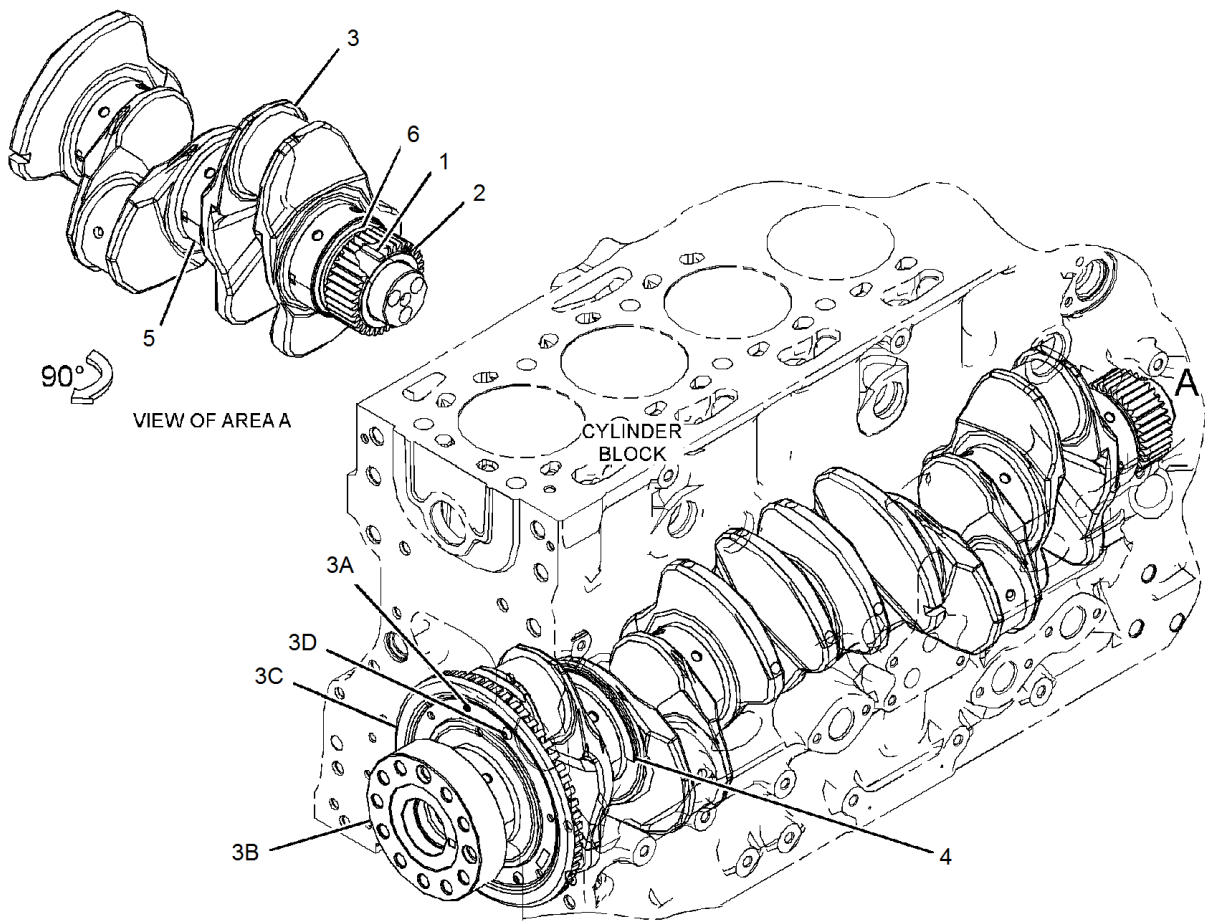
| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 358-9199    | COVER GP-VALVE MECHANISM | 1   |      |            |
| 1A   | 256-7704    | SEAL-VALVE COVER         | 1   |      |            |
| 1B   | 195-9245    | SCREW (M4X0.7X10-MM)     | 3   | M    |            |
| 1C   | 347-4119    | CAP-BREATHER             | 1   |      |            |
| 1D   | 326-7289    | SEAL-O-RING              | 1   |      |            |
| 2    | 6I-0917     | BOLT (M6X1X25-MM)        | 15  | M    |            |

CAT codes: M.

346-4744 CRANKSHAFT GP

346-4744 CRANKSHAFT GP S/N C7R1-UP PART OF 373-7240 CYLINDER BLOCK GP-SHORT Type 1

Drawing 1 of 1



| Ref.                     | Part number | Description                        | Qty | Code | Group page |
|--------------------------|-------------|------------------------------------|-----|------|------------|
| 1                        | 1B-8736     | KEY-WOODRUFF                       | 1   |      |            |
| 2                        | 338-1402    | GEAR-CRANKSHAFT (36-TEETH)         | 1   |      |            |
| 3                        | 355-8530    | CRANKSHAFT GP                      | 1   |      |            |
| 3A                       | 339-8780    | DOWEL                              | 1   |      |            |
| 3B                       | 376-4074    | CRANKSHAFT                         | 1   |      |            |
| 3C                       | 376-4078    | DISC-TIMING                        | 1   |      |            |
| 3D                       | 276-7394    | SCREW (M6X1XX12-MM)                | 3   | M    |            |
| 4                        | 363-0559    | WASHER-THRUST                      | 2   | J    |            |
| 5                        | 276-7388    | KIT-BEARING (MAIN)                 | 1   | P    |            |
| 6                        | 342-6508    | SHIM (0.1-MM THK)                  | 1   |      |            |
| AVAILABLE REPAIR KIT(S): |             |                                    |     |      |            |
|                          | 360-1978    | KIT-BEARING (STANDARD)(CRANKSHAFT) | 1   | P    |            |

346-4744 CRANKSHAFT GP (continued)

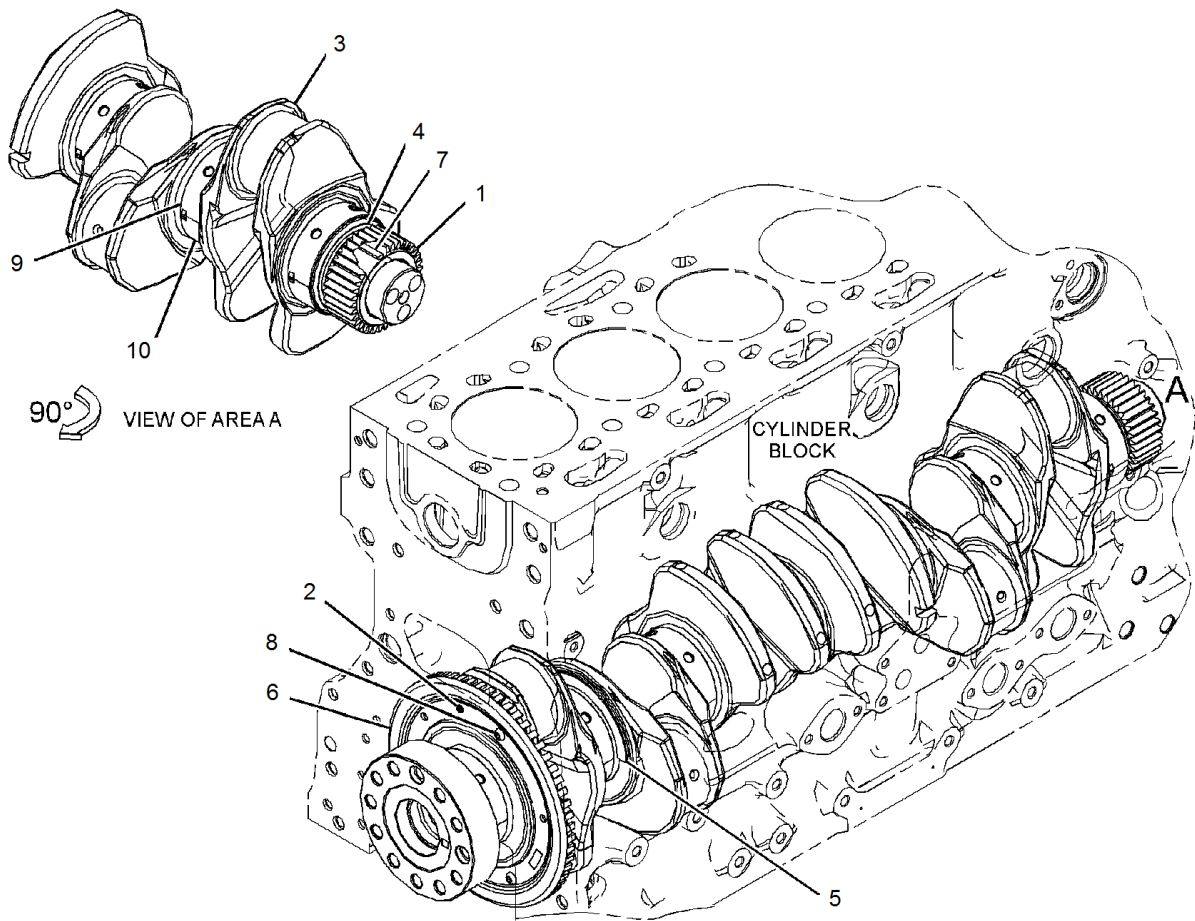
| Ref.                | Part number | Description                       | Qty. | Code | Group page |
|---------------------|-------------|-----------------------------------|------|------|------------|
| (INCLUDES BEARINGS) |             |                                   |      |      |           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

CAT codes: J, M, P.

346-4744 CRANKSHAFT GP

346-4744 CRANKSHAFT GP S/N C7R1-UP PART OF 373-7240 CYLINDER BLOCK GP-SHORT Type 2

Drawing 1 of 1



| Ref.                     | Part number | Description                         | Qty | Code | Group page |
|--------------------------|-------------|-------------------------------------|-----|------|------------|
| 1                        | 338-1402    | GEAR-CRANKSHAFT (36-TEETH)          | 1   |      |            |
| 2                        | 339-8780    | DOWEL                               | 1   |      |            |
| 3                        | 376-4074    | CRANKSHAFT                          | 1   |      |            |
| 4                        | 342-6508    | SHIM (0.1-MM THK)                   | 1   |      |            |
| 5                        | 363-0559    | WASHER-THRUST                       | 2   | J    |            |
| 6                        | 376-4078    | DISC-TIMING                         | 1   |      |            |
| 7                        | 067-6135    | KEY-WOODRUFF                        | 1   |      |            |
| 8                        | 276-7394    | SCREW (M6X1XX12-MM)                 | 3   | M    |            |
| 9                        | 470-8101    | BEARING-CRANKSHAFT (STANDARD-UPPER) | 7   | CP   |            |
| 10                       | 470-8171    | BEARING-CRANKSHAFT (STANDARD-LOWER) | 7   | C    |            |
| AVAILABLE REPAIR KIT(S): |             |                                     |     |      |            |
|                          | 448-4217    | KIT-BEARING (STANDARD)(CRANKSHAFT)  | 1   | P    |            |
| (INCLUDES BEARINGS)      |             |                                     |     |      |            |
|                          | 448-4218    | KIT-BEARING (0.254-MM US)           |     | AB   |            |
| (INCLUDES BEARINGS)      |             |                                     |     |      |            |

346-4744 CRANKSHAFT GP (continued)

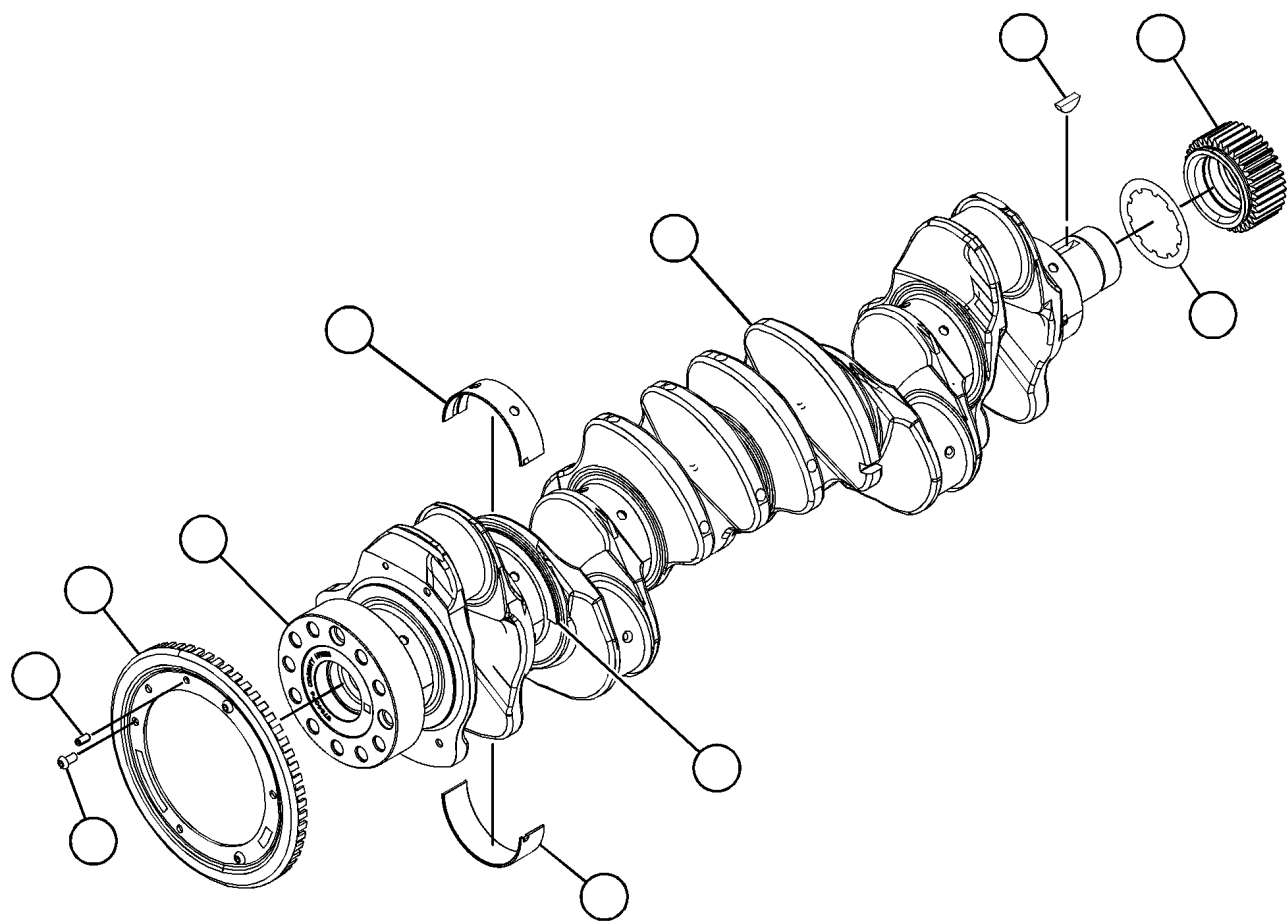
| Ref. | Part number               | Description                       | Qty | Code | Group page |
|------|---------------------------|-----------------------------------|-----|------|------------|
|      | 448-4220                  | KIT-BEARING (0.508-MM US)         |     | AB   |            |
|      | (INCLUDES BEARINGS)       |                                   |     |      |            |
|      | 448-4222                  | KIT-BEARING (0.762-MM US)         |     | AB   |            |
|      | (INCLUDES BEARINGS)       |                                   |     |      |            |
|      | 364-5145                  | KIT-WASHER (STANDARD)(CRANKSHAFT) | 1   | J    |            |
|      | (INCLUDES THRUST WASHERS) |                                   |     |      |            |
|      | 448-4227                  | KIT-WASHER (0.20-MM US)           |     | AB   |            |
|      | (INCLUDES THRUST WASHERS) |                                   |     |      |            |

CAT codes: A, B, C, J, M, P.

346-4744 CRANKSHAFT GP

346-4744 CRANKSHAFT GP S/N C7R1-UP PART OF 373-7240 CYLINDER BLOCK GP-SHORT Type 3

Drawing 1 of 1



| Ref.                     | Part number | Description                         | Qty | Code | Group page |
|--------------------------|-------------|-------------------------------------|-----|------|------------|
| 1                        | 067-6135    | KEY-WOODRUFF                        | 1   |      |            |
| 2                        | 338-1402    | GEAR-CRANKSHAFT (36-TEETH)          | 1   |      |            |
| 3                        | 342-6508    | SHIM (0.1-MM THK)                   | 1   |      |            |
| 4                        | 363-0559    | WASHER-THRUST                       | 2   | J    |            |
| 5                        | 470-8101    | BEARING-CRANKSHAFT (STANDARD-UPPER) | 7   | P    |            |
| 6                        | 470-8171    | BEARING-CRANKSHAFT (STANDARD-LOWER) | 7   |      |            |
| 7                        | 544-3940    | CRANKSHAFT AS                       | 1   | C    |            |
| 7A                       | 339-8780    | DOWEL                               | 1   |      |            |
| 7B                       | 376-4074    | CRANKSHAFT                          | 1   |      |            |
| 7C                       | 376-4078    | DISC-TIMING                         | 1   |      |            |
| 7D                       | 276-7394    | SCREW (M6X1XX12-MM)                 | 3   | M    |            |
| AVAILABLE REPAIR KIT(S): |             |                                     |     |      |            |
|                          | 448-4217    | KIT-BEARING (STANDARD)(CRANKSHAFT)  | 1   | P    |            |
| (INCLUDES BEARINGS)      |             |                                     |     |      |            |
|                          | 448-4218    | KIT-BEARING (0.254-MM US)           |     | AB   |            |

346-4744 CRANKSHAFT GP (continued)

| Ref.                      | Part number | Description                       | Qty. | Code | Group page |
|---------------------------|-------------|-----------------------------------|------|------|------------|
| (INCLUDES BEARINGS)       |             |                                   |      |      |            |
|                           | 448-4220    | KIT-BEARING (0.508-MM US)         |      | AB   |            |
| (INCLUDES BEARINGS)       |             |                                   |      |      |            |
|                           | 448-4222    | KIT-BEARING (0.762-MM US)         |      | AB   |            |
| (INCLUDES BEARINGS)       |             |                                   |      |      |            |
|                           | 364-5145    | KIT-WASHER (STANDARD)(CRANKSHAFT) | 1    | J    |            |
| (INCLUDES THRUST WASHERS) |             |                                   |      |      |            |
|                           | 448-4227    | KIT-WASHER (0.20-MM US)           |      | AB   |            |
| (INCLUDES THRUST WASHERS) |             |                                   |      |      |            |

CAT codes: A, B, C, J, M, P.

**MANUALS-KOMATSU.COM**

## **Complete Caterpillar PDF Parts Catalogue**

F1B-SEBP5112

**\$99**

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

**Buy complete PDF - \$99**