

# CATERPILLAR 951C

86J / SEBP1051

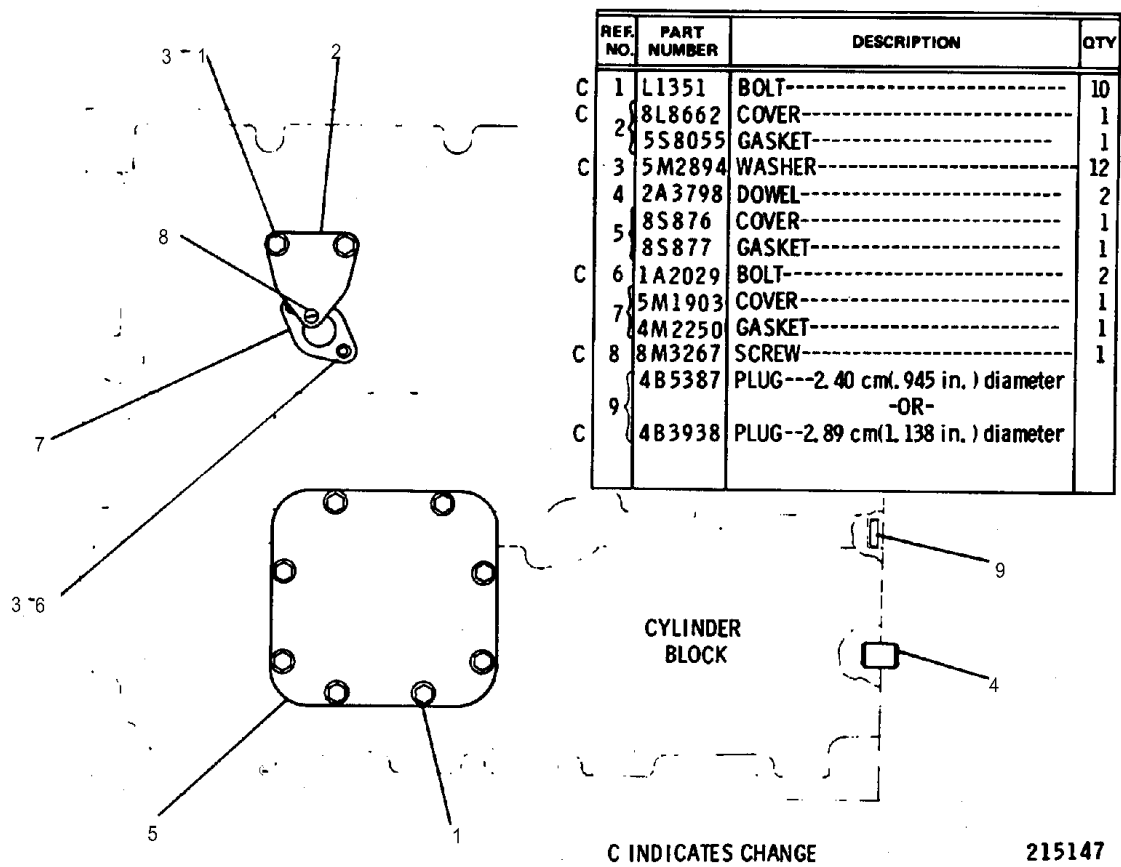
## Contents

| Section               | Page |
|-----------------------|------|
| Hydraulic system      | 2    |
| Basic engine          |      |
| Hydraulic system      |      |
| Hydraulic system      |      |
| Air inlet and exhaust |      |
| Power train           |      |
| Basic engine          |      |
| Fuel system           |      |
| Fuel system           |      |
| Power train           |      |
| Power train           |      |
| Steering and brakes   |      |
| Hydraulic system      |      |
| Hydraulic system      |      |
| Air inlet and exhaust |      |
| Catalog items         |      |

2P-6495 COVER GP

2P6495 CYLINDER BLOCK COVER GROUP Engine Serial No. 78P18799 to 78P46320 inclusive

Drawing 1 of 1



| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 0L-1351     | BOLT        | 10  | C    |            |
| 2    | 8L-8662     | COVER       | 1   | C    |            |
|      | 5S-8055     | GASKET      | 1   |      |            |
| 3    | 5M-2894     | WASHER      | 12  | C    |            |
| 4    | 2A-3798     | DOWEL       | 2   |      |            |
| 5    | 8S-0876     | COVER       | 1   |      |            |
|      | 8S-0877     | GASKET      | 1   |      |            |
| 6    | 1A-2029     | BOLT        | 2   | C    |            |
| 7    | 5M-1903     | COVER       | 1   |      |            |
|      | 4M-2250     | GASKET      | 1   |      |            |
| 8    | 8M-3267     | SCREW       | 1   | C    |            |

2P-6495 COVER GP (continued)

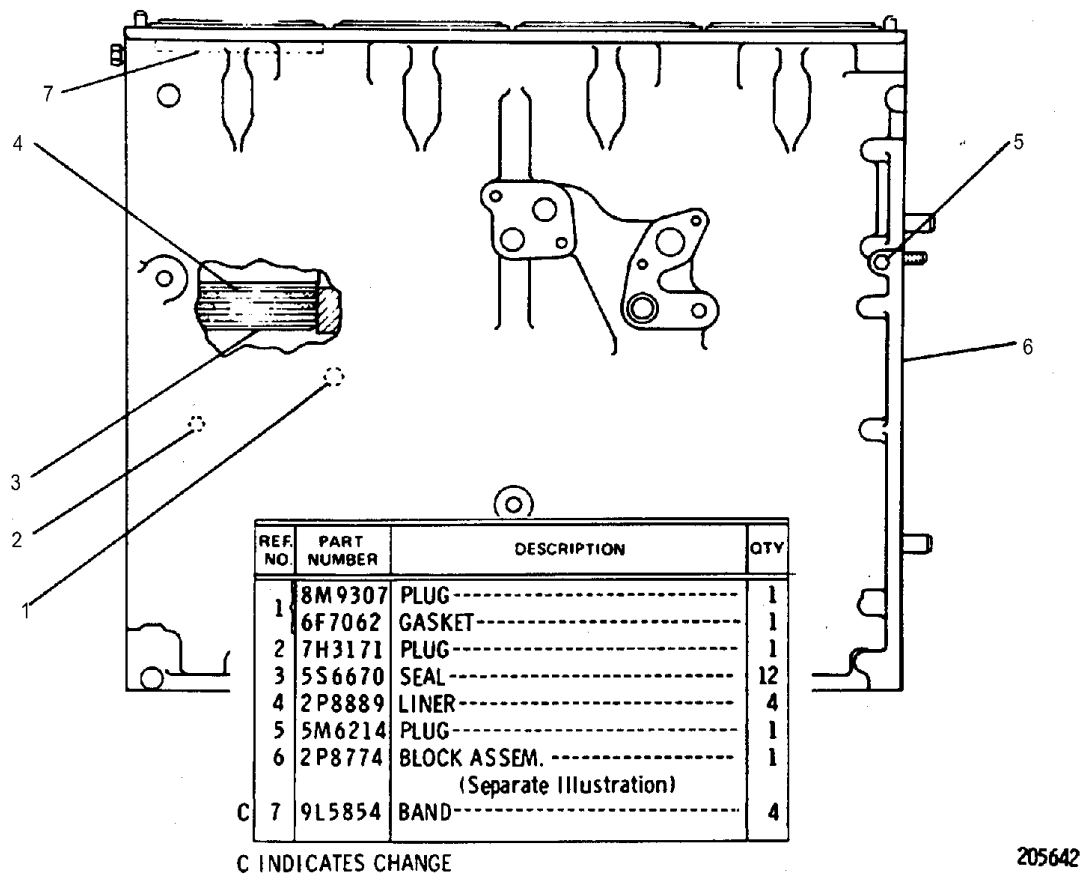
| Ref.                                         | Part number | Description                      | Qty | Code | Group page |
|----------------------------------------------|-------------|----------------------------------|-----|------|------------|
| 9                                            | 4B-5387     | PLUG 2.40 cm(.945 in.) diameter  | .   |      |            |
| OR alternate consist option CAT source: -OR- |             |                                  |     |      |            |
|                                              | 4B-3938     | PLUG 2.89 cm(1.138 in.) diameter |     | C    |            |

CAT codes: C.

2P-6540 CYLINDER BLOCK GP

2P6540 CYLINDER BLOCK GROUP Engine Serial No. 78P18799 to 78P46320 inclusive 2P8774 Block parts are shown on Page 21

Drawing 1 of 1



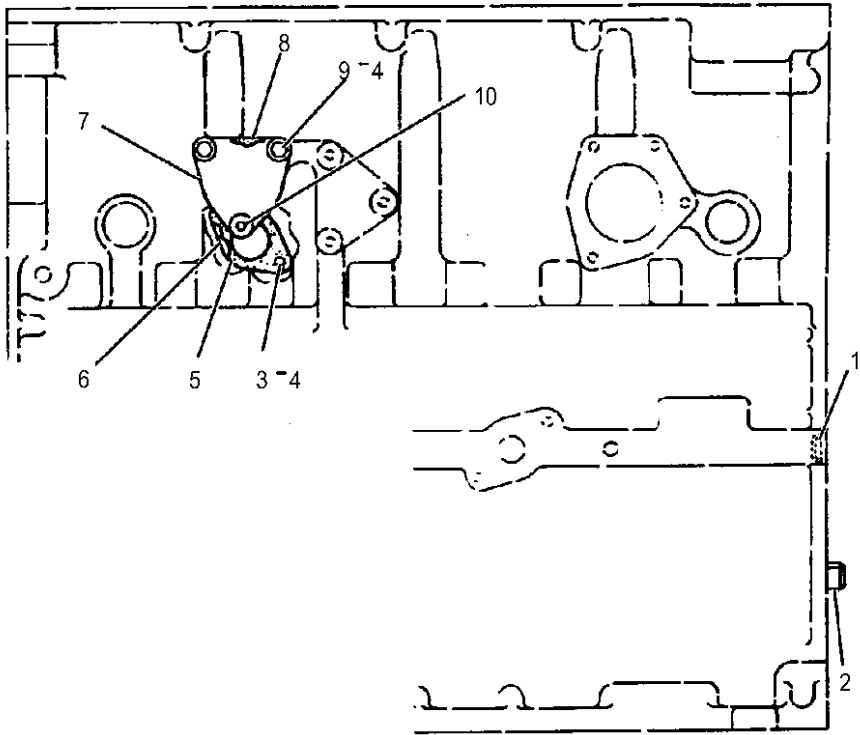
| Ref. | Part number | Description             | Qty | Code | Group page |
|------|-------------|-------------------------|-----|------|------------|
| 1    | 8M-9307     | PLUG                    | 1   |      |            |
|      | 6F-7062     | GASKET                  | 1   |      |            |
| 2    | 7H-3171     | PLUG                    | 1   |      |            |
| 3    | 5S-6670     | SEAL                    | 12  |      |            |
| 4    | 2P-8889     | LINER                   | 4   |      |            |
| 5    | 5M-6214     | PLUG                    | 1   |      |            |
| 6    | 2P-8774     | BLOCK ASSEM.            | 1   | RY   |            |
|      |             | (Separate Illustration) |     |      |            |
| 7    | 9L-5854     | BAND                    | 4   | C    |            |

CAT codes: R, Y, C.

7N-1088 COVER GP-CYLINDER BLOCK

7N1088 CYLINDER BLOCK COVER GROUP Engine Serial No. 78P46321-Up

Drawing 1 of 1



| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 4B-3938     | PLUG-CUP         | 1   |      |            |
| 2    | 2A-3798     | DOWEL            | 2   |      |            |
| 3    | 1A-2029     | BOLT             | 2   |      |            |
| 4    | 5M-2894     | WASHER           | 4   |      |            |
| 5    | 4M-2250     | GASKET           | 1   |      |            |
| 6    | 5M-1903     | COVER            | 1   |      |            |
| 7    | 8L-8662     | COVER            | 1   |      |            |
| 8    | 5S-8055     | GASKET           | 1   |      |            |
| 9    | 0L-1351     | BOLT             | 2   |      |            |
| 10   | 8M-3267     | SCREW-HEX SOCKET | 1   |      |            |

8N-6274 KIT-CYLINDER BLOCK HARDWARE

8N6274 CYLINDER BLOCK HARDWARE KIT--Field Installation Engine Serial No. 78P46321-Up Note: Provides the necessary hardware to allow a counterbore 3304 Engine to be serviced with a spacer plate block

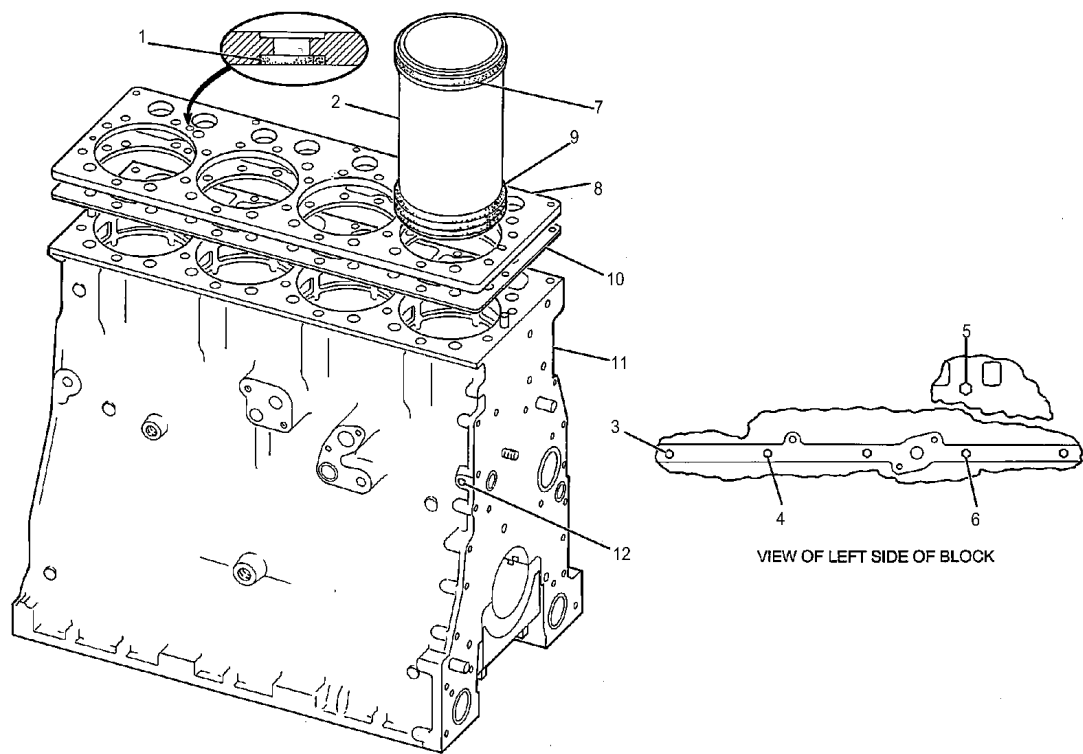
Kit / parts list. The current source card does not provide a separate drawing.

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
|      | 8N-3663     | PLATE       | 1   |      |            |
|      | 7N-8022     | GASKET      | 1   |      |            |
|      | 8N-3661     | GASKET      | 1   |      |            |
|      | 3J-5389     | PLUG        | 2   |      |            |
|      | 7N-8018     | SEAL        | 4   |      |            |
|      | 7N-8025     | SEAL        | 12  |      |            |
|      | 5B-9603     | BOLT        | 5   |      |            |
|      | 7N-9342     | PLATE       | 2   |      |            |
|      | 7N-9343     | PLATE       | 2   |      |            |
|      | 9S-1366     | BOLT        | 1   |      |            |
|      | 0S-1585     | BOLT        | 2   |      |            |

7N-8014 CYLINDER BLOCK GP

7N8014 CYLINDER BLOCK GROUP Engine Serial No. 78P46321 to 78P57459 inclusive 6N8127 Block parts are shown on Page 21B

Drawing 1 of 1



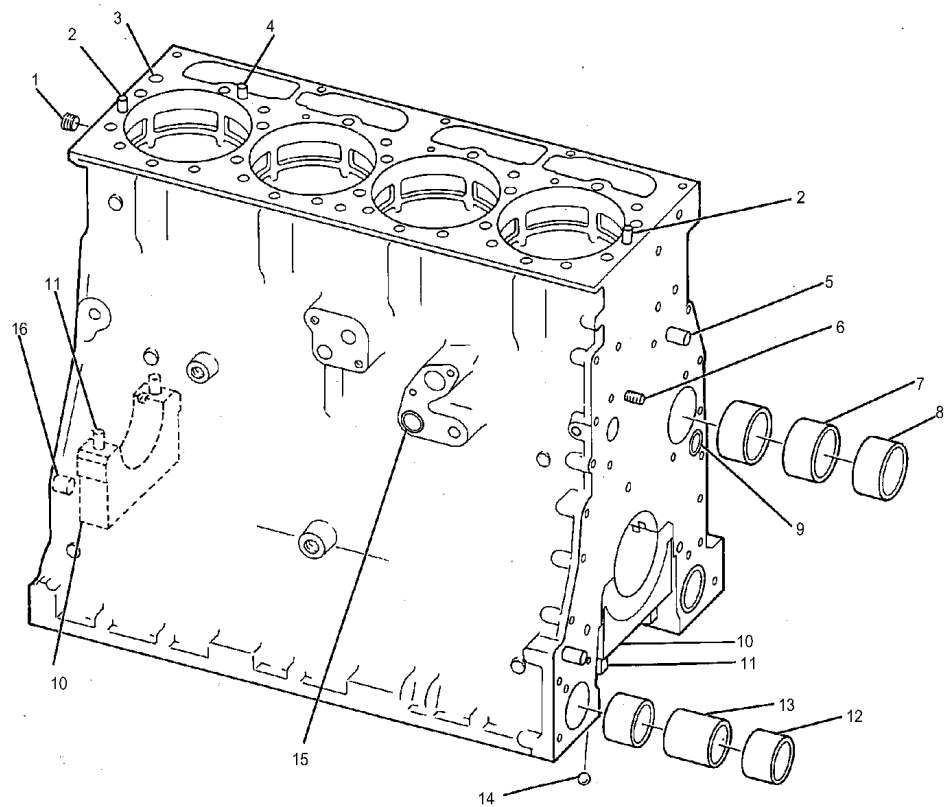
| Ref. | Part number | Description       | Qty | Code | Group page |
|------|-------------|-------------------|-----|------|------------|
| 1    | 3S-5496     | SEAL-O-RING       | 1   |      |            |
| 2    | 2P-8889     | LINER-CYLINDER    | 4   |      |            |
| 3    | 7H-3171     | PLUG-PIPE         | 1   |      |            |
| 4    | 3J-5389     | PLUG              | 2   |      |            |
| 5    | 8M-9307     | PLUG-DRAIN        | 1   |      |            |
|      | 6F-7062     | WASHER            | 1   |      |            |
| 6    | 5M-6213     | PLUG              | 2   |      |            |
| 7    | 9L-5854     | BAND-FILLER       | 4   | C    |            |
| 8    | 7N-8021     | PLATE-BLOCK       | 1   |      |            |
| 9    | 5S-6670     | SEAL-O-RING       | 12  |      |            |
| 10   | 7N-8020     | GASKET-PLATE      | 1   |      |            |
| 11   | 6N-8127     | CYLINDER BLOCK GP | 1   | Y    |            |
| 12   | 5M-6214     | PLUG-PIPE         | 1   |      |            |

CAT codes: C, Y.

1N-3574 CYLINDER BLOCK GP

1N3574 CYLINDER BLOCK GROUP--Type 1 Serial No. 78P57460-Up Provides Field Replacement for 7N6552 shown on Page 20F

Drawing 1 of 1



| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 1    | 2B-0858     | PLUG-PIPE              | 1   |      |            |
| 2    | 8K-1207     | PIN-DOWEL              | 2   |      |            |
| 3    | 5B-7652     | DOWEL                  | 2   |      |            |
| 4    | 1S-9540     | DOWEL                  | 1   |      |            |
| 5    | 8B-6349     | DOWEL                  | 2   |      |            |
| 6    | 5S-8462     | STUD                   | 1   |      |            |
| 7    | 7M-4046     | BEARING-SLEEVE         | 2   |      |            |
| 8    | 8N-4110     | BEARING-SLEEVE         | 1   |      |            |
| 9    | 4B-3938     | PLUG-CUP               | 2   |      |            |
| 10   | 6N-8003     | CAP-CRANKSHAFT BEARING | 5   |      |            |
| 11   | 7S-3224     | BOLT                   | 10  |      |            |
|      | 2S-5658     | WASHER-HARD            | 10  |      |            |
| 12   | 5S-6419     | BEARING-SLEEVE         | 4   |      |            |
| 13   | 5S-6420     | BEARING-SLEEVE         | 2   |      |            |

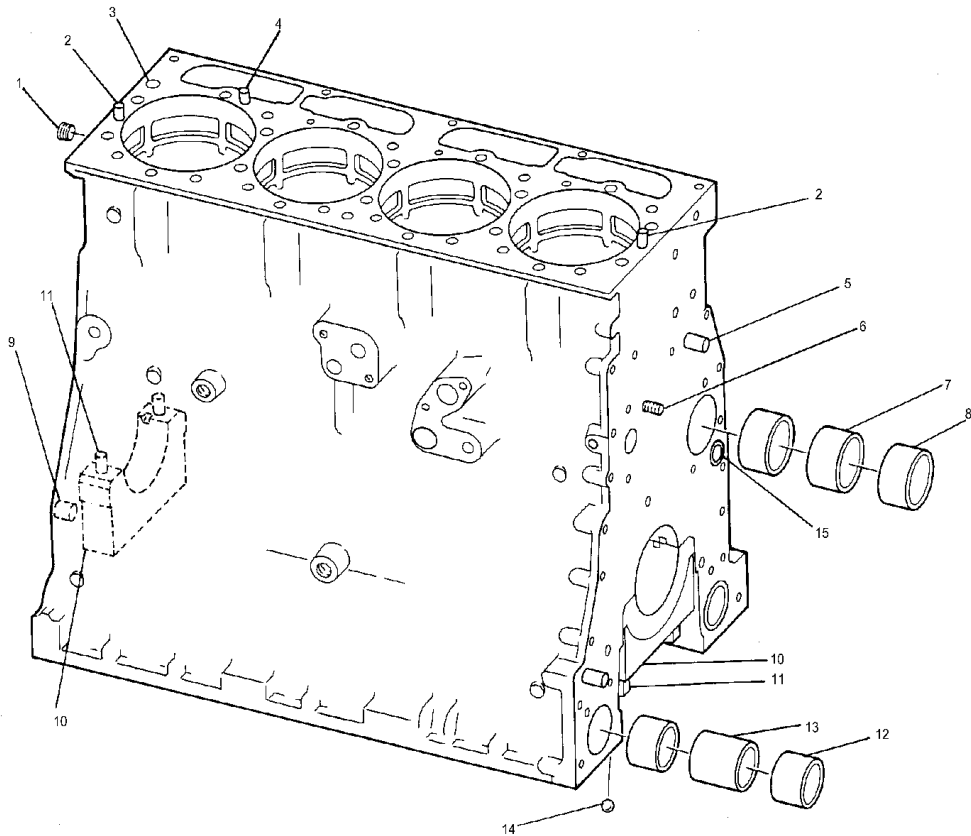
1N-3574 CYLINDER BLOCK GP (continued)

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 14   | 4B-9782     | BALL        | 5   |      |            |
| 15   | 4B-5387     | PLUG-CUP    | 1   |      |            |
| 16   | 2A-3798     | DOWEL       | 2   |      |            |

1N-3574 CYLINDER BLOCK GP

1N3574 CYLINDER BLOCK GROUP--Type 2 Serial No. 78P57460-Up Provides Field Replacement for 7N6552 shown on Page 20F

Drawing 1 of 1



| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 1    | 3J-6019     | PLUG                   | 1   |      |            |
| 2    | 8K-1207     | PIN-DOWEL              | 2   |      |            |
| 3    | 5B-7652     | DOWEL                  | 2   |      |            |
| 4    | 1S-9540     | DOWEL                  | 1   |      |            |
| 5    | 8B-6349     | DOWEL                  | 2   |      |            |
| 6    | 5S-8462     | STUD                   | 1   |      |            |
| 7    | 7M-4046     | BEARING-SLEEVE         | 2   |      |            |
| 8    | 8N-4110     | BEARING-SLEEVE         | 1   |      |            |
| 9    | 2A-3798     | DOWEL                  | 2   |      |            |
| 10   | 6N-8003     | CAP-CRANKSHAFT BEARING | 5   |      |            |
| 11   | 7S-3224     | BOLT                   | 10  |      |            |
|      | 2S-5658     | WASHER-HARD            | 10  |      |            |
| 12   | 5S-6419     | BEARING-SLEEVE         | 4   |      |            |

**MANUALS-KOMATSU.COM**

## **Complete Caterpillar PDF Parts Catalogue**

86J-SEBP1051

**\$99**

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

**Buy complete PDF - \$99**