

# CATERPILLAR 980F

5XJ / XEBP7365

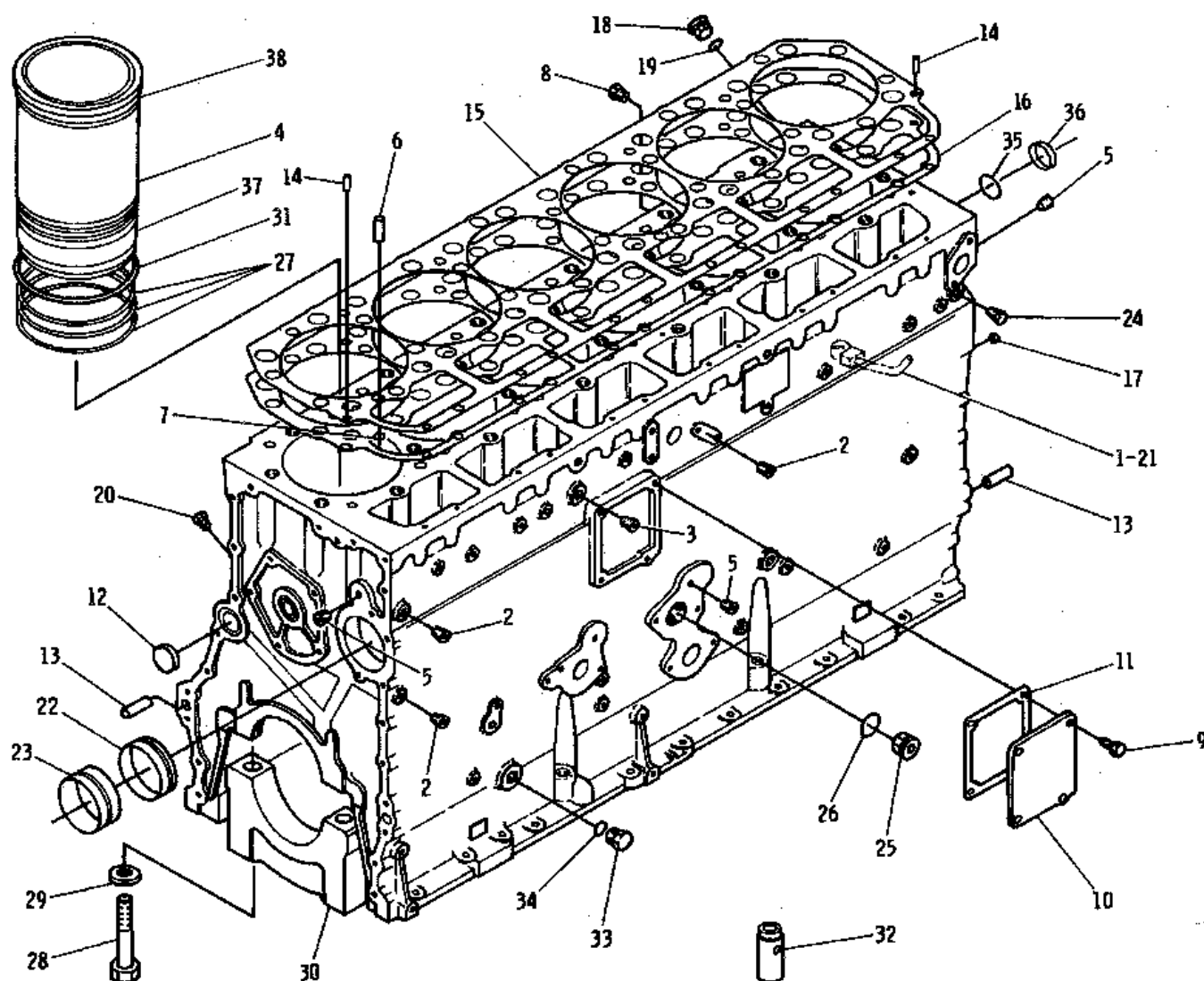
## Contents

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

## 8N-9267 CYLINDER BLOCK

CYLINDER BLOCK (8N9267 N/S) PART OF 1041750-Page-8, 4P7980-Page 6

Drawing 1 of 1



| Ref. | Part number | Description   | Qty | Code | Group page |
|------|-------------|---------------|-----|------|------------|
| 1    | 7W-4990     | TUBE ASSEM.   | 6   |      |            |
| 2    | 8T-6757     | PLUG          | 3   |      |            |
| 3    | 7M-7410     | PLUG          | 1   | B    |            |
| 4    | 2W-6000     | LINER         | 6   |      |            |
| 5    | 8T-6763     | PLUG          | 3   |      |            |
| 6    | 1S-9540     | DOWEL         | 2   |      |            |
| 7    | 3S-5496     | SEAL          | 2   |      |            |
| 8    | 7W-6492     | PLUG          | 1   |      |            |
| 9    | 030-7571    | BOLT (3/8-16) | 4   |      |            |
| 10   | 4W-8585     | COVER         | 1   |      |            |

## 8N-9267 CYLINDER BLOCK (continued)

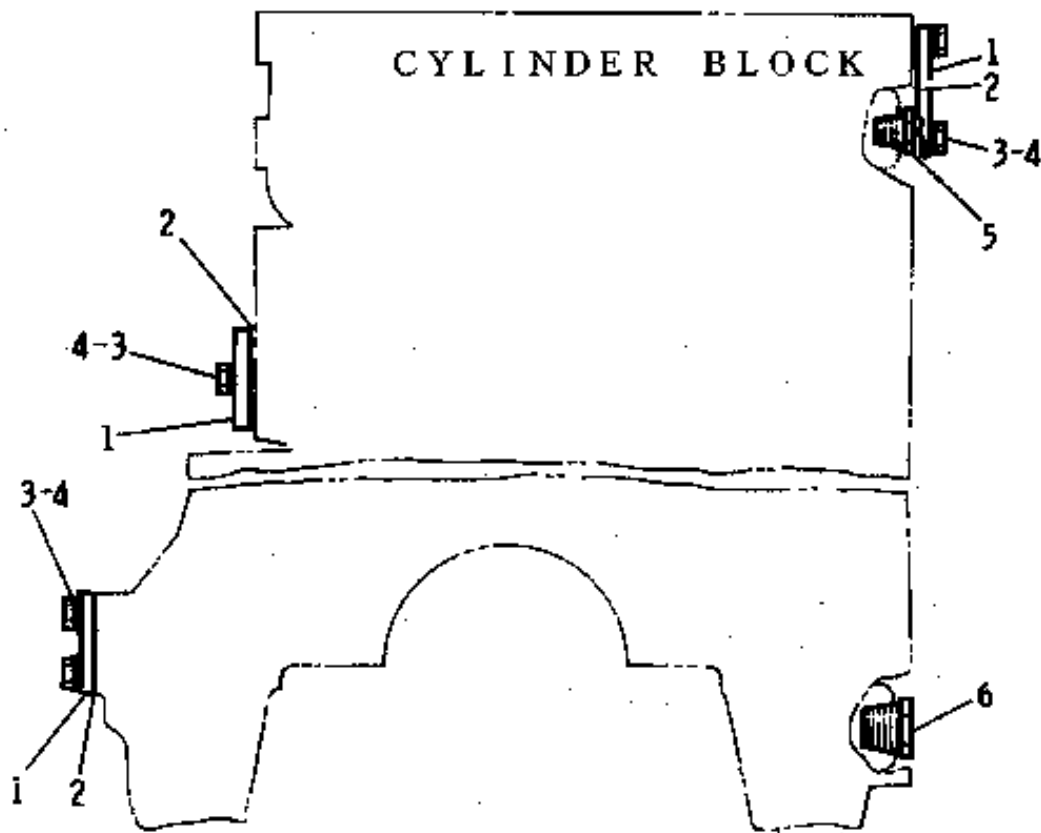
| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 11   | 7W-6081     | GASKET                 | 1   |      |            |
| 12   | 2M-6471     | PLUG                   | 1   |      |            |
| 13   | 4N-0683     | DOWEL                  | 4   |      |            |
| 14   | 4N-1650     | DOWEL                  | 2   |      |            |
| 15   | 6I-2981     | PLATE                  | 1   |      |            |
| 16   | 6I-4024     | GASKET                 | 1   |      |            |
| 17   | 8S-9094     | PLUG                   | 1   |      |            |
| 18   | 9S-4190     | PLUG                   | 1   |      |            |
| 19   | 2M-9780     | SEAL                   | 1   |      |            |
| 20   | 8T-6767     | PLUG                   | 6   |      |            |
| 21   | 7E-6479     | BOLT (3/8-16)          | 6   |      |            |
| 22   | 4N-0685     | BEARING                | 6   |      |            |
| 23   | 4N-6658     | BEARING                | 1   |      |            |
| 24   | 8T-6764     | PLUG                   | 1   |      |            |
| 25   | 9S-8009     | PLUG                   | 1   |      |            |
| 26   | 4K-1388     | SEAL                   | 1   |      |            |
| 27   | 3E-6777     | SEAL                   | 18  |      |            |
| 28   | 3P-1323     | BOLT (7/8-14)          | 14  |      |            |
| 29   | 9H-1031     | WASHER                 | 14  |      |            |
| 30   | 4N-5857     | CAP                    | 7   |      |            |
| 31   | 9L-5854     | BAND                   | 6   |      |            |
| 32   | 4W-4588     | SLEEVE (LIFTER BORE)   |     | A    |            |
| 33   | 9S-4190     | PLUG                   | 1   | B    |            |
| 34   | 2M-9780     | SEAL                   | 1   | B    |            |
| 35   | 3E-6747     | SEAL                   | 1   |      |            |
| 36   | 100-7399    | PLUG                   | 1   |      |            |
| 37   | 4W-6061     | BOTTOM LINER SLEEVE    |     | A    |            |
| 38   | 5N-0093     | INSERT (2.71mm THICK)  |     | A    |            |
|      | 2W-3815     | INSERT (1.605mm THICK) |     | A    |            |
|      | 9Y-3368     | INSERT (0.822mm THICK) |     | A    |            |

CAT codes: A, B.

4N-5114 CYLINDER BLOCK COVER

CYLINDER BLOCK COVER (4N5114 N/S) PART OF 1041750-Page 8, 4P7980-Page 6

Drawing 1 of 1

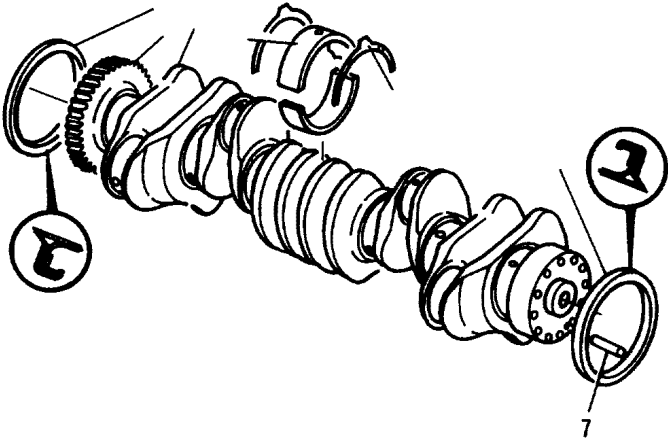


| Ref. | Part number | Description   | Qty | Code | Group page |
|------|-------------|---------------|-----|------|------------|
| 1    | 4W-9890     | COVER         | 3   |      |            |
| 2    | 4N-0699     | GASKET        | 3   |      |            |
| 3    | 0S-1594     | BOLT (3/8-16) | 6   |      |            |
| 4    | 5M-2894     | WASHER        | 6   |      |            |
| 5    | 3J-5390     | PLUG          | 1   |      |            |
| 6    | 3J-5389     | PLUG          | 1   |      |            |

4N-0741 CRANKSHAFT

CRANKSHAFT (4N0741 N/S) PART OF 1041750-Page 8, 4P7980-Page 6

Drawing 1 of 1



| NOTE | No. | PART NO. | QTY. | PART NAME                            |
|------|-----|----------|------|--------------------------------------|
|      | 1   | 2W-1734  | 1    | SEAL GROUP                           |
|      | 2   | 2W-1733  | 1    | SEAL GROUP                           |
|      | 3   | 4W-5492  | 7    | BEARING                              |
| A    |     | 4W-5698  | 7    | BEARING (0.64MM U. S. )              |
| A    |     | 4W-5699  | 7    | BEARING (1.27MM U. S. )              |
| A    |     | 4W-5700  | 7    | BEARING (0.64MM O. S. )              |
| A    |     | 4W-5701  | 7    | BEARING (0.64MM O. S. 0.64MM U. S. ) |
|      | 4   | 7E-9262  | 2    | PLATE                                |
|      | 5   | 6I-1453  | 1    | CRANKSHAFT ASSEM.                    |
|      | 6   | 1W-9302  | 1    | GEAR (80 TEETH)                      |
|      |     | 7S-5005  | 1    | DOWEL                                |
|      | 7   | 4N-0684  | 1    | PIN                                  |

A-NOT PART OF THIS GROUP

J058670 X29

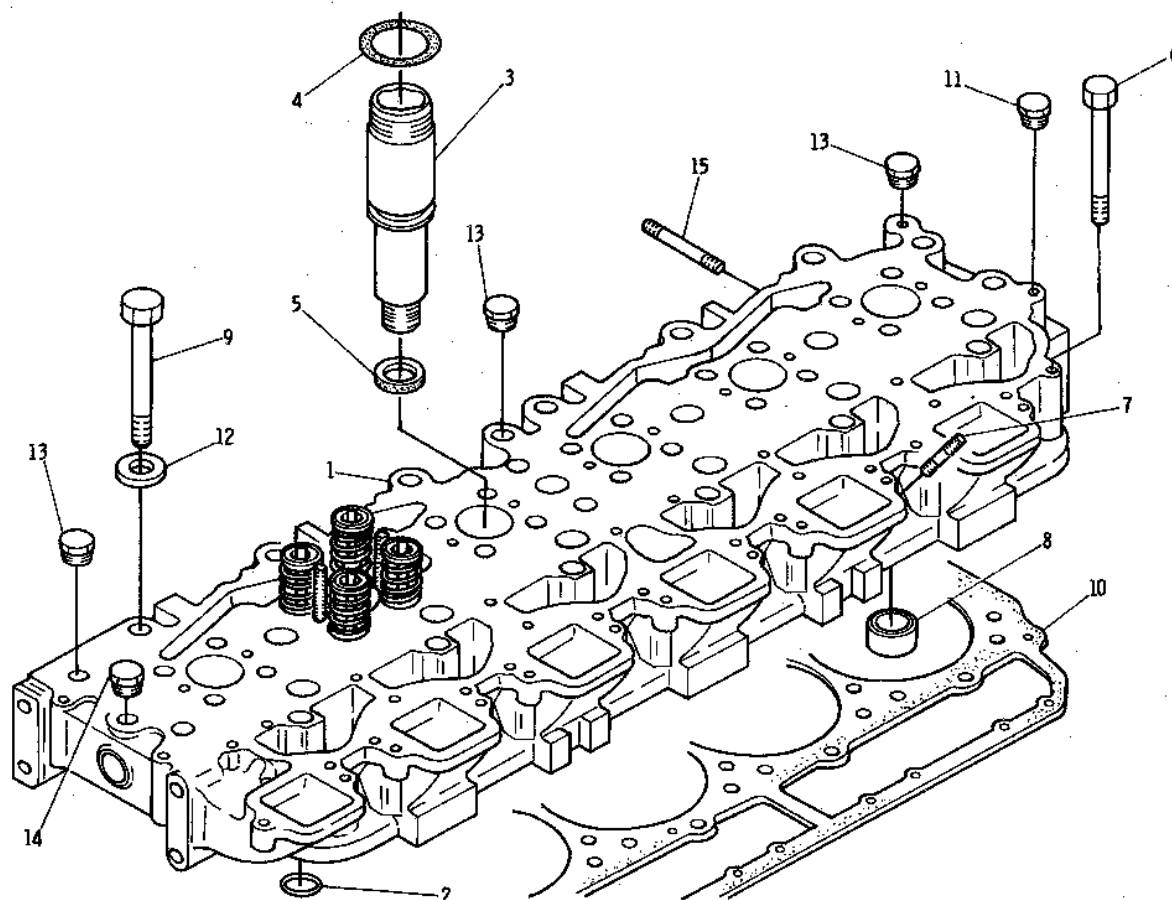
| Ref. | Part number | Description                       | Qty | Code | Group page |
|------|-------------|-----------------------------------|-----|------|------------|
| 1    | 2W-1734     | SEAL GROUP                        | 1   |      |            |
| 2    | 2W-1733     | SEAL GROUP                        | 1   |      |            |
| 3    | 4W-5492     | BEARING                           | 7   |      |            |
|      | 4W-5698     | BEARING (0.64MM U.S.)             | 7   | A    |            |
|      | 4W-5699     | BEARING (1.27MM U.S.)             | 7   | A    |            |
|      | 4W-5700     | BEARING (0.64MM O.S.)             | 7   | A    |            |
|      | 4W-5701     | BEARING (0.64MM O.S. 0.64MM U.S.) | 7   | A    |            |
| 4    | 7E-9262     | PLATE                             | 2   |      |            |
| 5    | 6I-1453     | CRANKSHAFT ASSEM.                 | 1   |      |            |
| 6    | 1W-9302     | GEAR (80 TEETH)                   | 1   |      |            |
|      | 7S-5005     | DOWEL                             | 1   |      |            |
| 7    | 4N-0684     | PIN                               | 1   |      |            |

CAT codes: A.

## 4W-2436 CYLINDER HEAD

CYLINDER HEAD (4W2436 N/S) PART OF 1041750-Page 8, 4P7980-Page 6 7W2203-Page 13

Drawing 1 of 1



| Ref. | Part number | Description         | Qty | Code | Group page |
|------|-------------|---------------------|-----|------|------------|
| 1    | 7W-2203     | CYLINDER HEAD GROUP | 1   | Y    |            |
| 2    | 3S-5496     | SEAL                | 2   |      |            |
| 3    | 100-6920    | ADAPTER             | 6   |      |            |
| 4    | 8M-5249     | SEAL                | 6   |      |            |
| 5    | 4N-7253     | GASKET              | 6   |      |            |
| 6    | 5F-4899     | BOLT (3/8-16)       | 12  |      |            |
| 7    | 6L-7442     | STUD (5/16-18)      | 6   |      |            |
| 8    | 4W-1055     | SEAL                | 24  |      |            |
| 9    | 9X-8904     | BOLT (3/4-16)       | 20  |      |            |
| 10   | 6I-3066     | GASKET              | 1   |      |            |
| 11   | 8T-6767     | PLUG                | 1   |      |            |
| 12   | 5H-1504     | WASHER              | 20  |      |            |

4W-2436 CYLINDER HEAD (continued)

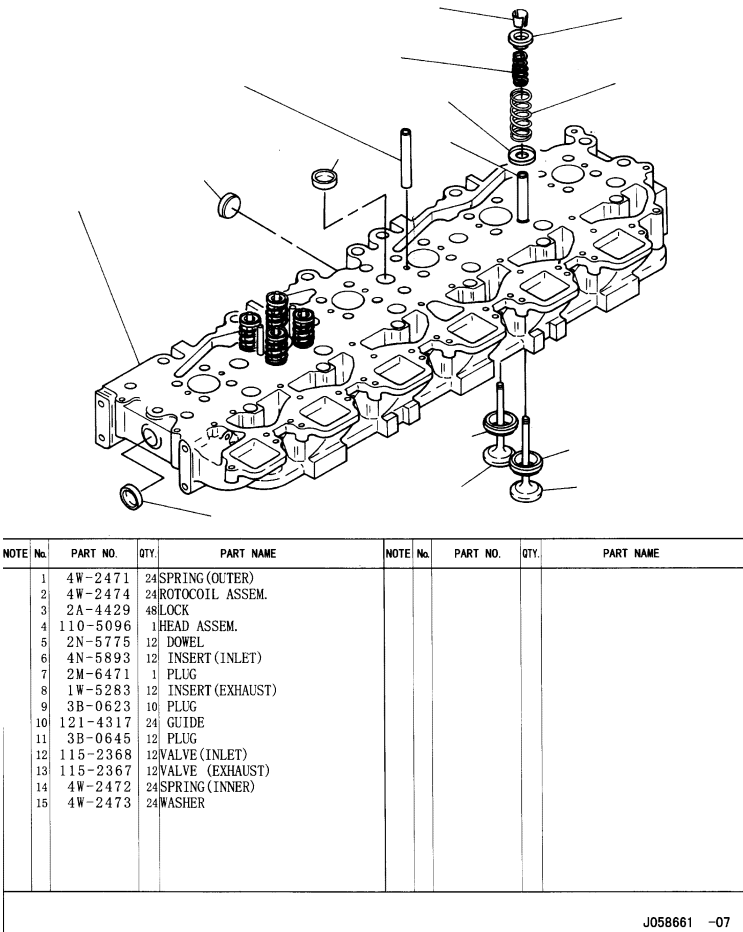
| Ref. | Part number | Description   | Qty | Code | Group page |
|------|-------------|---------------|-----|------|------------|
| 13   | 7W-6492     | PLUG          | 3   |      |            |
| 14   | 7W-6492     | PLUG          | 1   | J    |            |
| 15   | 4S-6137     | STUD (3/8-16) | 12  |      |            |

CAT codes: J, Y.

7W-2203 CYLINDER HEAD

CYLINDER HEAD (7W2203 N/S) PART OF 4W2436-Page 12

Drawing 1 of 1

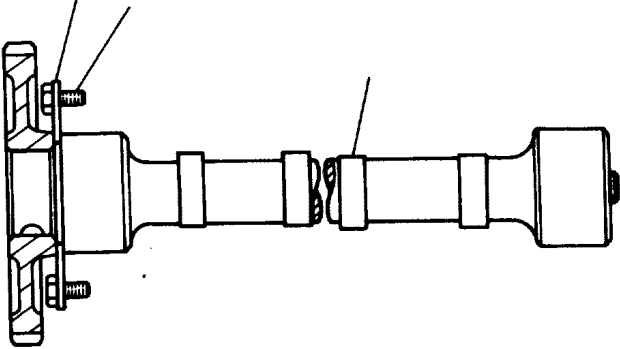


| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 4W-2471     | SPRING (OUTER)   | 24  |      |            |
| 2    | 4W-2474     | ROTOCOIL ASSEM.  | 24  |      |            |
| 3    | 2A-4429     | LOCK             | 48  |      |            |
| 4    | 110-5096    | HEAD ASSEM.      | 1   |      |            |
| 5    | 2N-5775     | DOWEL            | 12  |      |            |
| 6    | 4N-5893     | INSERT (INLET)   | 12  |      |            |
| 7    | 2M-6471     | PLUG             | 1   |      |            |
| 8    | 1W-5283     | INSERT (EXHAUST) | 12  |      |            |
| 9    | 3B-0623     | PLUG             | 10  |      |            |
| 10   | 121-4317    | GUIDE            | 24  |      |            |
| 11   | 3B-0645     | PLUG             | 12  |      |            |
| 12   | 115-2368    | VALVE (INLET)    | 12  |      |            |
| 13   | 115-2367    | VALVE (EXHAUST)  | 12  |      |            |
| 14   | 4W-2472     | SPRING (INNER)   | 24  |      |            |
| 15   | 4W-2473     | WASHER           | 24  |      |            |

7W-3798 CAMSHAFT-SINGLE

CAMSHAFT (7W3798 N/S)-SINGLE PART OF 1041750-Page 8, 4P7980-Page 6

Drawing 1 of 1



| NOTE | No. | PART NO. | QTY. | PART NAME       |
|------|-----|----------|------|-----------------|
|      | 1   | 0S-0509  | 2    | BOLT (3/8)      |
|      | 2   | 4N-0342  | 1    | PLATE           |
|      | 3   | 100-7408 | 1    | CAMSHAFT ASSEM. |

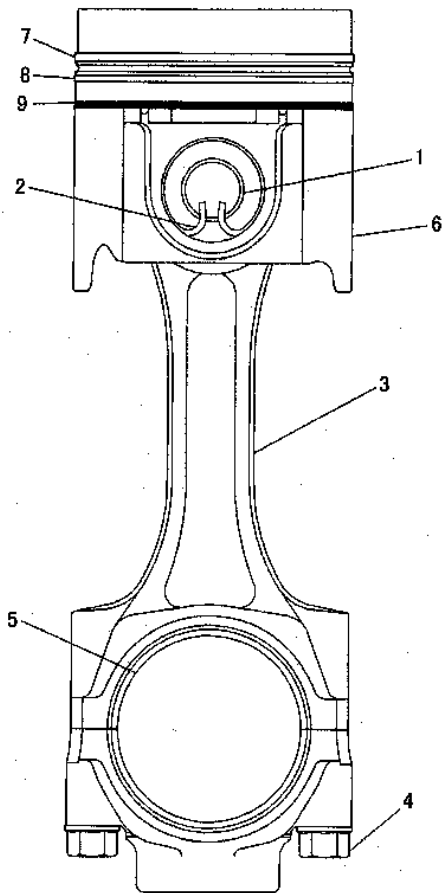
J052099 X01

| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 0S-0509     | BOLT (3/8)      | 2   |      |            |
| 2    | 4N-0342     | PLATE           | 1   |      |            |
| 3    | 100-7408    | CAMSHAFT ASSEM. | 1   |      |            |

7N-3516 CONNECTING ROD AND PISTON-6 GROUPS REQUIRED

CONNECTING ROD AND PISTON (7N3516 N/S)-6 GROUPS REQUIRED PART OF 1041750-Page 8, 4P7980-Page 6

Drawing 1 of 1



| Ref. | Part number | Description             | Qty | Code | Group page |
|------|-------------|-------------------------|-----|------|------------|
| 1    | 8N-1608     | PIN                     | 1   |      |            |
| 2    | 7E-5665     | RETAINER                | 2   |      |            |
| 3    | 7E-5996     | CONNECTING ROD ASSEM.   | 1   |      |            |
|      | 7N-2043     | PIN                     | 2   |      |            |
| 4    | 7E-4195     | BOLT (MJ16X1.5)         | 2   |      |            |
| 5    | 9Y-7735     | BEARING (STANDARD)      | 1   |      |            |
|      | 7E-0558     | BEARING (0.0635mm U.S.) | 1   | A    |            |
|      | 7E-0559     | BEARING (1.27mm U.S.)   | 1   | A    |            |
| 6    | 9Y-4004     | BODY ASSEM.             | 1   |      |            |
| 7    | 1W-9460     | RING (TOP)              | 1   |      |            |
| 8    | 2P-2817     | RIG (INTER)             | 1   |      |            |
| 9    | 7N-7078     | RING (OIL)              | 1   |      |            |

CAT codes: A.

**MANUALS-KOMATSU.COM**

## **Complete Caterpillar PDF Parts Catalogue**

5XJ-XEBP7365

**\$99**

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

**Buy complete PDF - \$99**