

# CATERPILLAR D6R II

BRZ / XEBP7548

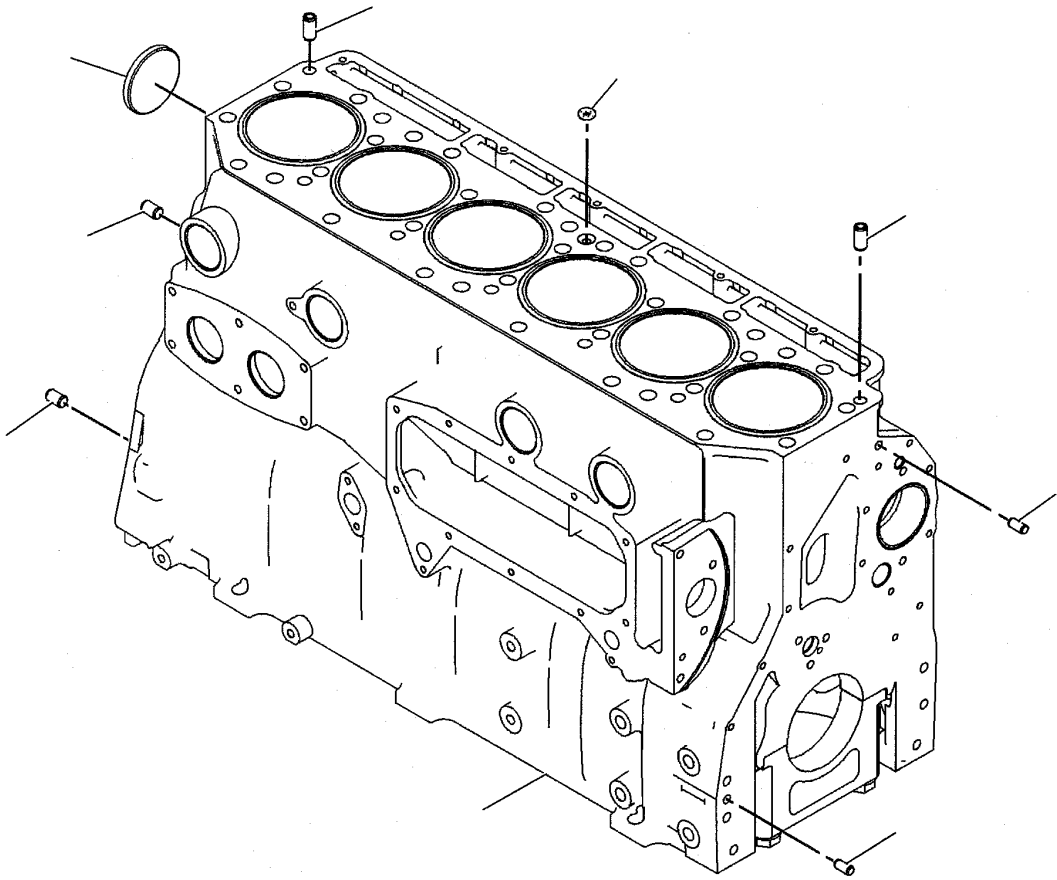
## Contents

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

161-3406 CYLINDER BLOCK GROUP

1613406 CYLINDER BLOCK GROUP PART OF 1693788-Page 6 REFERENCE:2201952-Page 9

Drawing 1 of 1



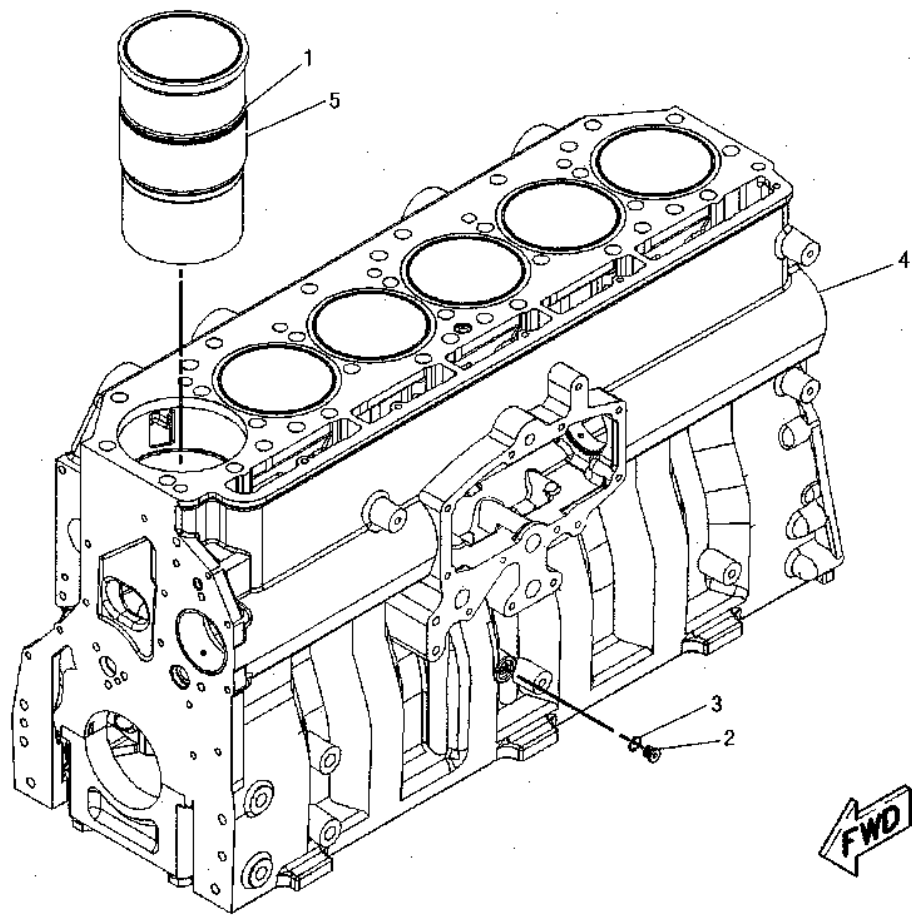
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 0S-0519     | PLUG        | 1   |      |            |
| 2    | 1W-8407     | SLEEVE      | 4   |      |            |
| 3    | 4G-4972     | SEAL        | 1   |      |            |
| 4    | 220-1952    | BLOCK GROUP | 1   | Y    |            |
| 5    | 6V-3538     | DOWEL       | 2   |      |            |
| 6    | 7N-5683     | DOWEL       | 2   |      |            |

CAT codes: Y.

220-1952 CYLINDER BLOCK GROUP

CYLINDER BLOCK GROUP (2201952 N/S) PART OF 1613406-Page 8 REFERENCE:2213248-Page 10

Drawing 1 of 1



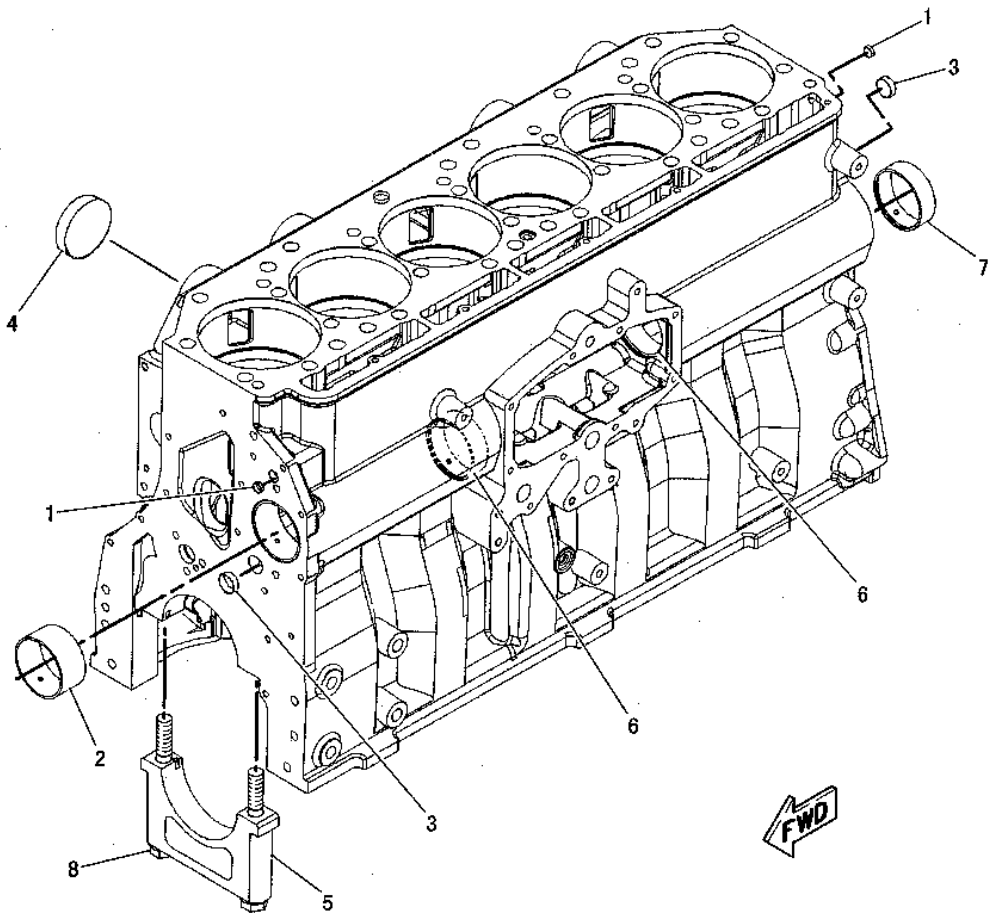
| Ref. | Part number | Description  | Qty | Code | Group page |
|------|-------------|--------------|-----|------|------------|
| 1    | 167-0024    | SEAL         | 6   |      |            |
| 2    | 9S-8002     | PLUG         | 1   |      |            |
| 3    | 033-5853    | SEAL         | 1   |      |            |
| 4    | 221-3248    | BLOCK ASSEM. | 1   | Y    |            |
| 5    | 190-3562    | LINER        | 6   |      |            |

CAT codes: Y.

221-3248 CYLINDER BLOCK ASSEMBLY

2213248 CYLINDER BLOCK ASSEMBLY PART OF 2201952-Page 9

Drawing 1 of 1

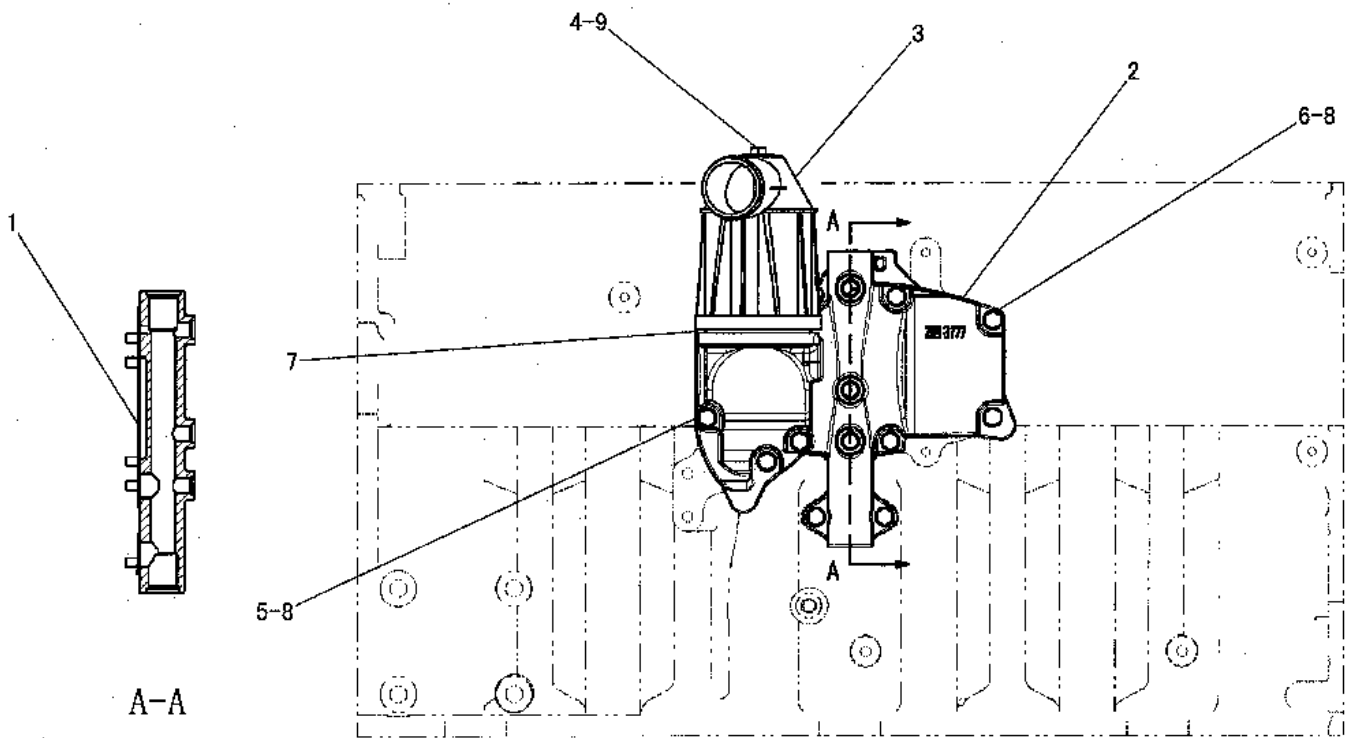


| Ref. | Part number | Description   | Qty | Code | Group page |
|------|-------------|---------------|-----|------|------------|
| 1    | 0L-1026     | PLUG          | 2   |      |            |
| 2    | 216-5586    | BEARING       | 1   |      |            |
| 3    | 3B-0623     | PLUG          | 2   |      |            |
| 4    | 4F-5695     | PLUG          | 4   |      |            |
| 5    | 121-7002    | CAP           | 7   |      |            |
| 6    | 203-5805    | BEARING       | 2   |      |            |
| 7    | 203-6090    | BEARING       | 1   |      |            |
| 8    | 175-0454    | BOLT (MJ16X2) | 14  |      |            |
|      | 9X-8268     | WASHER        | 14  |      |            |

197-8602 CYLINDER BLOCK COVER GROUP

CYLINDER BLOCK COVER GROUP (1978602 N/S) PART OF 1693791-Page 2, 4

Drawing 1 of 1



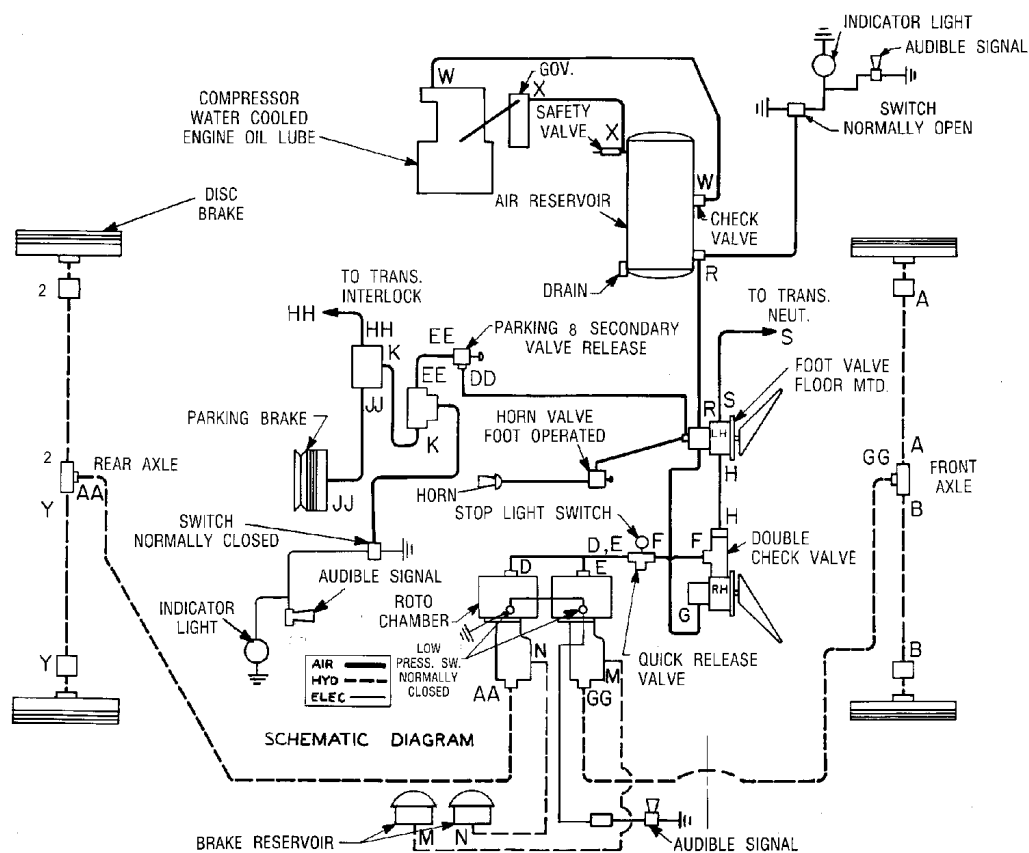
| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 205-5285    | GASKET         | 1   |      |            |
| 2    | 209-3777    | COVER          | 1   | Z    |            |
| 3    | 240-0041    | BREATHER AS    | 1   |      |            |
| 4    | 3E-8005     | BOLT (M8X1.25) | 1   |      |            |
| 5    | 6V-3918     | BOLT (M8X1.25) | 2   |      |            |
| 6    | 6V-3940     | BOLT (M8X1.25) | 9   |      |            |
| 7    | 9F-4446     | SEAL           | 1   |      |            |
| 8    | 9M-1974     | WASHER         | 11  |      |            |
| 9    | 9N-0869     | WASHER         | 1   |      |            |

CAT codes: Z.

# 198-0922 PLUG GROUP

PLUG GROUP (1980922 N/S)-ENGINE PART OF 1693791-Page 3, 5

Drawing 1 of 1

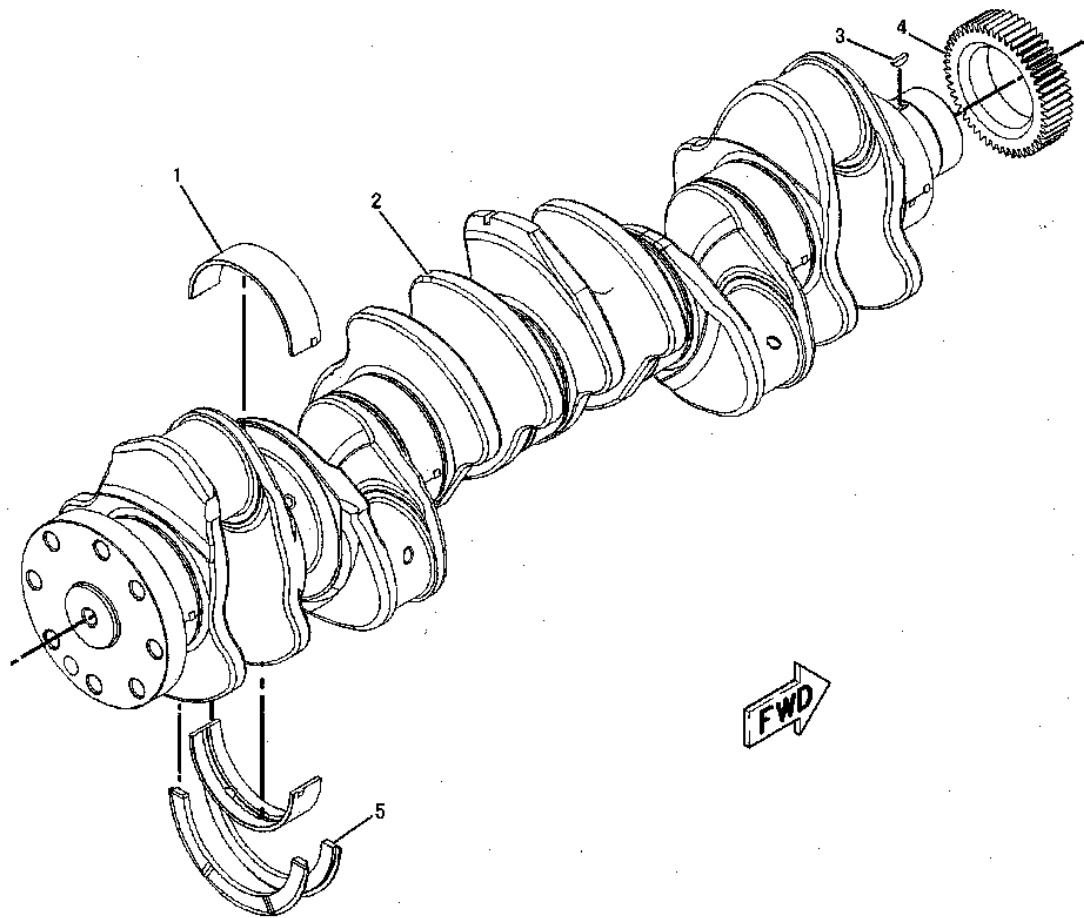


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 183-3406    | PLUG ASSEM. | 1   |      |            |
| 2    | 3D-2824     | SEAL        | 1   |      |            |
| 3    | 8L-2786     | SEAL        | 2   |      |            |
| 4    | 9S-4183     | PLUG        | 1   |      |            |
| 5    | 9S-8005     | PLUG        | 2   |      |            |

164-6148 CRANKSHAFT GROUP

CRANKSHAFT GROUP (1646148 N/S) PART OF 1693788-Page 6

Drawing 1 of 1

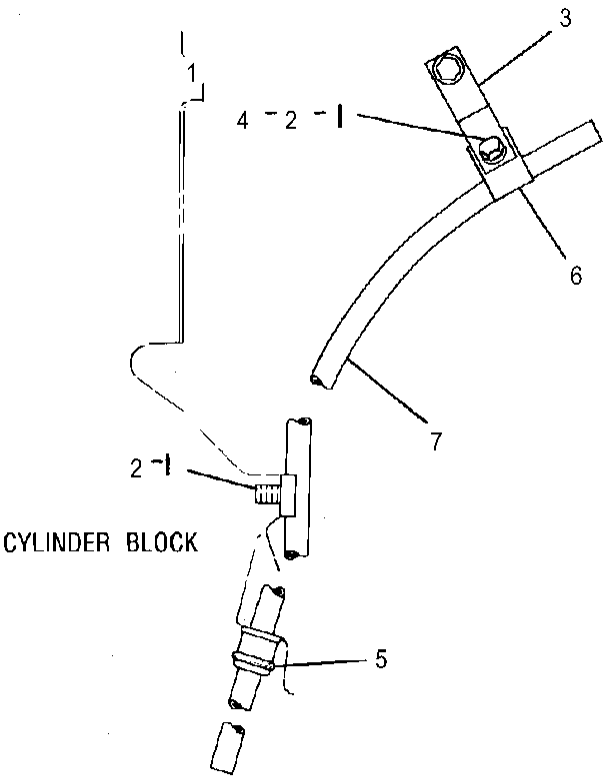


| Ref. | Part number | Description   | Qty | Code | Group page |
|------|-------------|---------------|-----|------|------------|
| 1    | 151-2939    | BEARING       | 7   |      |            |
| 2    | 160-8147    | CRANKSHAFT AS | 1   |      |            |
| 3    | 1B-8705     | KEY           | 1   |      |            |
| 4    | 2W-8147     | GEAR          | 1   |      |            |
| 5    | 246-3150    | PLATE         | 1   |      |            |

189-9306 CRANKSHAFT SEAL GROUP

CRANKSHAFT SEAL GROUP (1899306 N/S) PART OF 1693791-Page 2, 4

Drawing 1 of 1



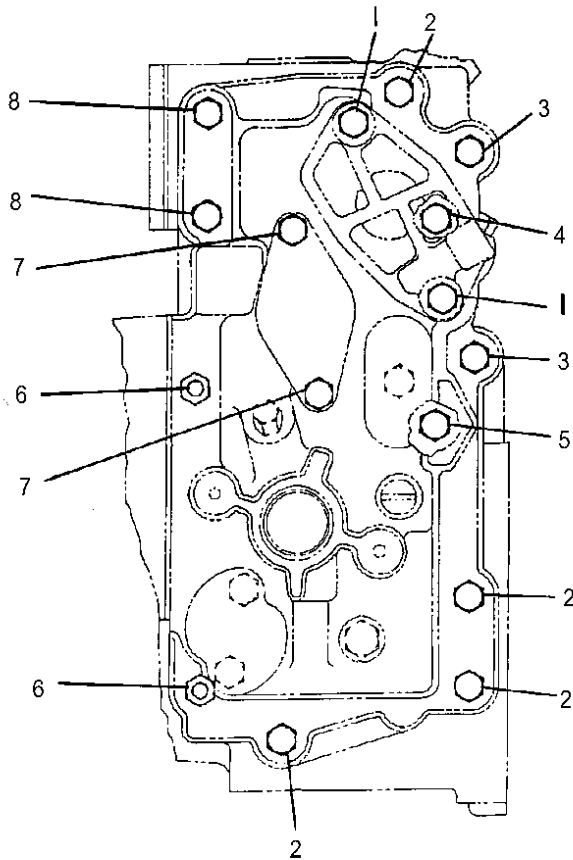
REAR VIEW

| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 4R-9999     | EXCLUDER           | 1   |      |            |
| 2    | 199-6163    | SEAL               | 1   |      |            |
| 3    | 119-2921    | SEAL GROUP         | 1   |      |            |
| 4    | 187-8971    | SEAL GROUP         | 1   |      |            |
| 5    | 206-3719    | BOLT ASSEM. (M6X1) | 9   |      |            |

215-3673 CRANKSHAFT PULLEY GROUP

CRANKSHAFT PULLEY GROUP (2153673 N/S) PART OF 1693791-Page 2, 4

Drawing 1 of 1

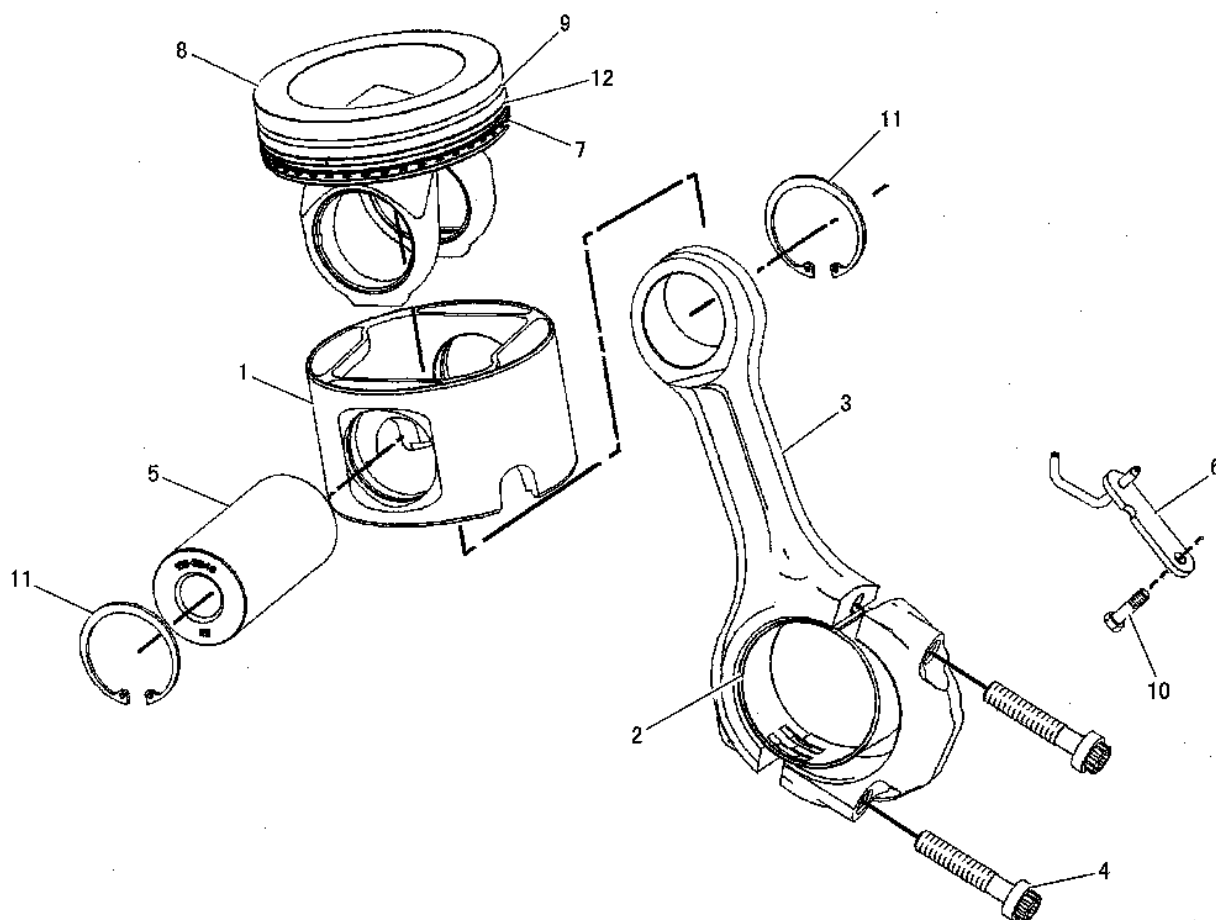


| Ref. | Part number | Description  | Qty | Code | Group page |
|------|-------------|--------------|-----|------|------------|
| 1    | 2W-7381     | WASHER       | 1   |      |            |
| 2    | 215-3363    | PULLEY       | 1   |      |            |
| 3    | 8T-3666     | BOLT (M14X2) | 4   |      |            |

# 177-7878 CONNECTING ROD AND PISTON GROUP

CONNECTING ROD AND PISTON GROUP (1777878 N/S) PART OF 1693788-Page 6

Drawing 1 of 1



| Ref. | Part number | Description         | Qty | Code | Group page |
|------|-------------|---------------------|-----|------|------------|
| 1    | 158-0451    | SKIRT               | 6   |      |            |
| 2    | 160-8172    | BEARING             | 6   |      |            |
| 3    | 160-8199    | ROD ASSEM.          | 6   |      |            |
|      | 160-8194    | BEARING             | 1   |      |            |
| 4    | 160-8197    | BOLT (MJ12X1.25)    | 2   |      |            |
| 5    | 166-3648    | PIN                 | 6   |      |            |
| 6    | 166-3657    | TUBE ASSEM.         | 6   |      |            |
| 7    | 168-7209    | RING (OIL)          | 6   |      |            |
| 8    | 197-9297    | CROWN ASSEM.        | 6   |      |            |
| 9    | 197-9299    | RING (TOP)          | 6   |      |            |
| 10   | 6V-3940     | BOLT (M8X1.25)      | 6   |      |            |
| 11   | 7X-2908     | RING                | 12  |      |            |
| 12   | 161-3425    | RING (INTERMEDIATE) | 6   |      |            |

**MANUALS-KOMATSU.COM**

## **Complete Caterpillar PDF Parts Catalogue**

BRZ-XEBP7548

**\$99**

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

**Buy complete PDF - \$99**