

# CATERPILLAR D379

68B / SEBP5322

## Contents

| Section            | Page |
|--------------------|------|
| Lubrication system | 2    |
| Fuel system        | 5    |

6V-3743 KIT-GASKET -WATER PUMP

6V-3743 KIT-GASKET -WATER PUMP S/N 35B1-UP; 67B1-UP; 68B1-UP; 69B1-UP; 72B1-UP; 34Z1-UP; 35Z1-UP; 36Z1-UP FIELD INSTALLATION

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

| Ref. | Part number | Description          | Qty | Code | Group<br>page |
|------|-------------|----------------------|-----|------|---------------|
|      | 4L-3437     | GASKET               | 1   |      |               |
|      | 4L-5832     | GASKET               | 1   |      |               |
|      | 4L-6706     | GASKET               | 10  |      |               |
|      | 4L-7885     | GASKET               | 1   |      |               |
|      | 4L-8121     | GASKET               | 1   |      |               |
|      | 4L-9965     | GASKET               | 1   |      |               |
|      | 5B-3265     | GASKET (COPPER)      | 1   |      |               |
|      | 8L-5197     | GASKET               | 1   |      |               |
|      | 247-3796    | GASKET               | 1   |      |               |
|      | 7F-7510     | LOCKNUT              | 5   |      |               |
|      | 8N-0452     | RING-RETAINING       | 1   |      |               |
|      | 2N-8866     | SEAL                 | 2   |      |               |
|      | 5P-4941     | SEAL                 | 2   |      |               |
|      | 416-0603    | SEAL GP (WATER PUMP) | 1   |      |               |
|      | 2N-2560     | SEAL-LIP TYPE        | 1   |      |               |
|      | 1H-8278     | SEAL-O-RING          | 1   |      |               |
|      | 3P-0650     | SEAL-O-RING          | 1   |      |               |
|      | 8J-6775     | SEAL-THREAD          | 8   |      |               |

351-1737 KIT-MAINTENANCE

351-1737 KIT-MAINTENANCE S/N 68B1-UP; 72B1-UP; 34Z1-UP FOR USE WITH BASIC PREVENTATIVE MAINTENANCE FOR WEEK 12, 24, AND 48 ON THE 3408 GAS GENERATOR SET, 68B1-UP, 72B1-UP, AND 34Z1-UP FIELD INSTALLATION

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

| Ref.            | Part number | Description                             | Qty | Code | Group page |
|-----------------|-------------|-----------------------------------------|-----|------|------------|
|                 | 1R-1808     | FILTER-ENGINE OIL (ADVANCED EFFICIENCY) | 1   |      |            |
|                 | 2N-2839     | PLUG AS-SPARK                           | 8   |      |            |
| (EACH INCLUDES) |             |                                         |     |      |            |
|                 | 108-3515    | GASKET-PLUG                             | 1   |      |            |

351-1742 KIT-MAINTENANCE

351-1742 KIT-MAINTENANCE S/N 68B1-UP; 72B1-UP; 34Z1-UP FOR USE WITH 2ND LEVEL PREVENTATIVE MAINTENANCE FOR WEEK 24 AND 48 ON THE 3408 GAS GENERATOR SET, 68B1-UP, 72B1-UP, AND 34Z1-UP FIELD INSTALLATION

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

| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
|      | 2N-3584     | GASKET-HOUSING COVER | 1   |      |            |
|      | 8F-4994     | SEAL-O-RING          | 8   |      |            |
|      | 2N-3597     | SEAL-VALVE COVER     | 4   |      |            |

324-8858 KIT-ENGINE OVERHAUL

324-8858 KIT-ENGINE OVERHAUL S/N 68B1-UP; 69B1-UP; 34Z1-UP PART OF 324-8859 KIT-ENGINE OVERHAUL FOR USE WITH 3N-1129 ENGINE AR, 3N-1130 ENGINE AR, 5N-7276 ENGINE AR FIELD INSTALLATION

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

| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
|      | 6B-6224     | FERRULE                  | 32  |      |            |
|      | 7B-2420     | FERRULE                  | 24  |      |            |
|      | 2A-3278     | GASKET                   | 2   |      |            |
|      | 3N-8654     | GASKET                   | 1   |      |            |
|      | 4F-9785     | GASKET                   | 1   |      |            |
|      | 4H-5952     | GASKET                   | 8   |      |            |
|      | 4L-8132     | GASKET                   | 1   |      |            |
|      | 4L-8606     | GASKET                   | 2   |      |            |
|      | 4L-8651     | GASKET                   | 2   |      |            |
|      | 7F-7889     | GASKET                   | 1   |      |            |
|      | 8B-3410     | GASKET                   | 1   |      |            |
|      | 8L-9757     | GASKET                   | 2   |      |            |
|      | 1P-8005     | GASKET-CHAMBER           | 8   |      |            |
|      | 4L-8766     | GASKET-COVER             | 1   |      |            |
|      | 2N-3236     | GASKET-EXHAUST MANIFOLD  | 8   |      |            |
|      | 4L-7631     | GASKET-FUEL PUMP HOUSING | 1   |      |            |
|      | 6V-5463     | KIT-GASKET               | 1   |      |            |
|      | 0T-0329     | LOCKNUT                  | 8   |      |            |
|      | 1F-3131     | GASKET                   | 3   |      |            |
|      | 1F-4419     | GASKET-COVER             | 4   |      |            |
|      | 1F-9223     | GASKET-COVER             | 4   |      |            |
|      | 2A-4462     | SCREW-LOCK               | 2   |      |            |
|      | 3F-4550     | LOCKNUT                  | 8   |      |            |
|      | 3N-0944     | GASKET                   | 1   |      |            |
|      | 3N-9075     | GASKET                   | 1   |      |            |
|      | 3P-0648     | SEAL-O-RING              | 2   |      |            |
|      | 3P-0650     | SEAL-O-RING              | 2   |      |            |
|      | 3P-0656     | SEAL-O-RING              | 1   |      |            |
|      | 4L-7586     | GASKET-SUPPORT           | 1   |      |            |
|      | 4L-8175     | GASKET-COVER             | 1   |      |            |
|      | 4L-8176     | GASKET                   | 1   |      |            |
|      | 5B-6031     | GASKET                   | 2   |      |            |
|      | 7B-9457     | LOCK                     | 2   |      |            |

**324-8858 KIT-ENGINE OVERHAUL** (continued)

| Ref. | Part number | Description               | Qty | Code | Group page |
|------|-------------|---------------------------|-----|------|------------|
|      | 7L-3111     | GASKET                    | 2   |      |            |
|      | 8F-8682     | SCREW-LOCK                | 3   |      |            |
|      | 8L-5457     | GASKET-PAN BASE           | 1   |      |            |
|      | 8M-8509     | LOCKNUT                   | 1   |      |            |
|      | 9M-1367     | LOCK-BOLT                 | 8   |      |            |
|      | 6V-3735     | KIT-MANIFOLD GASKET       | 1   |      |            |
|      | 4L-7890     | GASKET                    | 4   |      |            |
|      | 4L-8097     | GASKET                    | 8   |      |            |
|      | 6L-7817     | SEAL-O-RING               | 16  |      |            |
|      | 7H-2783     | GASKET                    | 8   |      |            |
|      | 7L-2149     | GASKET-EXHAUST MANIFOLD   | 16  |      |            |
|      | 7L-6005     | GASKET                    | 1   |      |            |
|      | 9M-4217     | SEAL-O-RING               | 2   |      |            |
|      | 6V-5462     | KIT-VALVE GRINDING GASKET | 1   |      |            |
|      | 1S-4810     | GASKET-OIL DRAIN          | 2   |      |            |
|      | 1S-6595     | GASKET-OIL SUPPLY         | 2   |      |            |
|      | 2N-3553     | SEAL                      | 5   |      |            |
|      | 2N-3597     | SEAL-VALVE COVER          | 4   |      |            |
|      | 3H-3451     | LOCKNUT                   | 2   |      |            |
|      | 3N-3220     | GASKET                    | 4   |      |            |
|      | 3P-0647     | SEAL-O-RING               | 4   |      |            |
|      | 4H-2494     | SLEEVE-FITTING            | 4   |      |            |
|      | 5B-3718     | SEAL-O-RING               | 8   |      |            |
|      | 6F-1069     | SEAL AS-VALVE             | 8   |      |            |
|      | 6H-4209     | SCREW-LOCK                | 4   |      |            |
|      | 6L-4497     | GASKET                    | 4   |      |            |
|      | 6L-6580     | GASKET                    | 4   |      |            |
|      | 6L-7813     | SEAL-FERRULE              | 32  |      |            |
|      | 6L-7814     | SEAL-DIRECTOR             | 24  |      |            |
|      | 8F-4994     | SEAL-O-RING               | 8   |      |            |
|      | 8F-9206     | SEAL-O-RING               | 16  |      |            |
|      | 9H-6067     | SEAL-O-RING               | 2   |      |            |
|      | 3P-0649     | SEAL-O-RING               | 1   |      |            |
|      | 6L-1650     | SEAL-O-RING               | 6   |      |            |

324-8858 KIT-ENGINE OVERHAUL (continued)

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
|      | 6L-1651     | SEAL-O-RING | 12  |      |            |
|      | 6L-7816     | SEAL-O-RING | 8   |      |            |
|      | 2F-2005     | SEAL-RING   | 1   |      |            |

324-8859 KIT-ENGINE OVERHAUL

324-8859 KIT-ENGINE OVERHAUL S/N 68B1-UP; 69B1-UP; 34Z1-UP ENGINE OVERHAUL KIT FOR THE D379 ENGINE (6.25 BORE), USED WITH 3N-1129, 3N-1130, 5N-7276, 8L-3929, 68B1-UP, 69B1-UP, AND 34Z1-UP PART OF 350-9210 PARTS GP-ENGINE OVERHAUL FIELD INSTALLATION

Arrangement composition. Follow the table links to the component drawings.

| Ref.            | Part number              | Description                       | Qty | Code | Group page |
|-----------------|--------------------------|-----------------------------------|-----|------|------------|
|                 | <a href="#">324-8858</a> | KIT-ENGINE OVERHAUL               | 1   | Y    | 5          |
|                 | 8N-7769                  | BEARING-CONNECTING ROD            | 8   |      |            |
|                 | 8N-7764                  | BEARING-MAIN                      | 5   |      |            |
|                 | 8N-2275                  | BUSHING                           | 8   |      |            |
|                 | 2N-9298                  | GUIDE-VALVE (STANDARD)            | 8   |      |            |
|                 | 7C-3720                  | GUIDE-VALVE (0.13-MM OS)          |     | AB   |            |
|                 | 7C-5327                  | GUIDE-VALVE (0.51-MM OS)          |     | AB   |            |
|                 | 2N-9299                  | GUIDE-VALVE (EXHAUST, STANDARD)   | 8   |      |            |
|                 | 7C-3721                  | GUIDE-VALVE (0.13-MM OS)(EXHAUST) |     | AB   |            |
|                 | 7C-5328                  | GUIDE-VALVE (0.51-MM OS)(EXHAUST) |     | AB   |            |
|                 | 8M-4014                  | INSERT (EXHAUST, STANDARD)        | 8   |      |            |
|                 | 4S-8906                  | INSERT (0.13-MM OS)(EXHAUST)      |     | AB   |            |
|                 | 4S-8907                  | INSERT (0.25-MM OS)(EXHAUST)      |     | AB   |            |
|                 | 7C-5379                  | INSERT-SEAT (0.51-MM OS)(EXHAUST) |     | AB   |            |
|                 | 7C-5380                  | INSERT-SEAT (0.76-MM OS)(EXHAUST) |     | AB   |            |
|                 | 5S-1757                  | INSERT (INLET)(STANDARD)          | 8   |      |            |
|                 | 4S-8908                  | INSERT (0.13-MM OS, INLET)        |     | AB   |            |
|                 | 4S-8909                  | INSERT (0.25-MM OS, INLET)        |     | AB   |            |
|                 | 7C-5377                  | INSERT (0.51-MM OS, INLET)        |     | AB   |            |
|                 | 7C-5378                  | INSERT (0.76-MM OS, INLET)        |     | AB   |            |
|                 | 7N-4515                  | BODY AS-PISTON                    | 8   |      |            |
|                 | 5P-8970                  | KIT-LINER GASKET                  | 8   |      |            |
| (EACH INCLUDES) |                          |                                   |     |      |            |
|                 | 6L-7815                  | SEAL-O-RING                       | 3   |      |            |
|                 | 8N-4708                  | BAND-FILLER                       | 1   |      |            |
|                 | 8N-9174                  | LINER-CYLINDER BLOCK              | 8   |      |            |
|                 | 2A-4429                  | LOCK-RETAINER                     | 32  |      |            |
|                 | 7N-9810                  | PIN-PISTON                        | 8   |      |            |
|                 | 4L-4653                  | PLATE-THRUST                      | 2   |      |            |
|                 | 1W-3062                  | RETAINER AS                       | 8   |      |            |
| (EACH INCLUDES) |                          |                                   |     |      |            |
|                 | 1W-3063                  | RETAINER                          | 1   |      |            |

324-8859 KIT-ENGINE OVERHAUL (continued)

| Ref.            | Part number | Description                      | Qty | Code | Group page |
|-----------------|-------------|----------------------------------|-----|------|------------|
|                 | 8N-7780     | SHIELD-OIL                       | 1   |      |            |
|                 | 7M-4926     | RETAINER-PIN                     | 16  |      |            |
|                 | 2N-9297     | RETAINER-VALVE SPRING            | 8   |      |            |
|                 | 1W-5105     | RING GP-PISTON                   | 8   |      |            |
| (EACH INCLUDES) |             |                                  |     |      |            |
|                 | 1W-5061     | RING-PISTON (OIL)                | 1   |      |            |
|                 | 3S-4059     | RING-PISTON (INTERMEDIATE)       | 1   |      |            |
|                 | 9S-7507     | RING-PISTON (TOP)                | 1   |      |            |
|                 | 7N-7639     | ROTATOR-VALVE                    | 16  |      |            |
|                 | 3N-1414     | SPACER (0.804X1.25X0.494-IN THK) | 16  |      |            |
|                 | 9M-5349     | SPRING (INNER)                   | 16  |      |            |
|                 | 9M-5350     | SPRING (OUTER)                   | 16  |      |            |
|                 | 1W-1822     | VALVE-EXHAUST                    | 8   |      |            |
|                 | 1W-8606     | VALVE-INLET                      | 8   |      |            |

CAT codes: A, B, R, Y.

350-9210 PARTS GP-ENGINE OVERHAUL

350-9210 PARTS GP-ENGINE OVERHAUL S/N 68B1-UP FOR USE WITH 6.25 BORE, 68B1-UP FIELD INSTALLATION

Arrangement composition. Follow the table links to the component drawings.

| Ref. | Part number              | Description               | Qty | Code | Group page |
|------|--------------------------|---------------------------|-----|------|------------|
|      | <a href="#">324-8859</a> | KIT-ENGINE OVERHAUL       | 1   | Y    | 8          |
|      | 10R-7755                 | KIT-ENGINE OVERHAUL       | 1   |      |            |
|      | 8N-7769                  | BEARING-CONNECTING ROD    | 8   |      |            |
|      | 8N-9174                  | LINER-CYLINDER BLOCK      | 8   |      |            |
|      | 324-8858                 | KIT-ENGINE OVERHAUL       | 1   |      |            |
|      | 6L-1651                  | SEAL-O-RING               | 12  |      |            |
|      | 6L-7816                  | SEAL-O-RING               | 8   |      |            |
|      | 8B-3410                  | GASKET                    | 1   |      |            |
|      | 6V-3735                  | KIT-MANIFOLD GASKET       | 1   |      |            |
|      | 7L-6005                  | GASKET                    | 1   |      |            |
|      | 9M-4217                  | SEAL-O-RING               | 2   |      |            |
|      | 4L-7890                  | GASKET                    | 4   |      |            |
|      | 4L-8097                  | GASKET                    | 8   |      |            |
|      | 6L-7817                  | SEAL-O-RING               | 16  |      |            |
|      | 7H-2783                  | GASKET                    | 8   |      |            |
|      | 7L-2149                  | GASKET-EXHAUST MANIFOLD   | 16  |      |            |
|      | 6V-5462                  | KIT-VALVE GRINDING GASKET | 1   |      |            |
|      | 8F-4994                  | SEAL-O-RING               | 8   |      |            |
|      | 8F-9206                  | SEAL-O-RING               | 16  |      |            |
|      | 9H-6067                  | SEAL-O-RING               | 2   |      |            |
|      | 6H-4209                  | SCREW-LOCK                | 4   |      |            |
|      | 6L-4497                  | GASKET                    | 4   |      |            |
|      | 6L-6580                  | GASKET                    | 4   |      |            |
|      | 6L-7813                  | SEAL-FERRULE              | 32  |      |            |
|      | 6L-7814                  | SEAL-DIRECTOR             | 24  |      |            |
|      | 3N-3220                  | GASKET                    | 4   |      |            |
|      | 3P-0647                  | SEAL-O-RING               | 4   |      |            |
|      | 4H-2494                  | SLEEVE-FITTING            | 4   |      |            |
|      | 5B-3718                  | SEAL-O-RING               | 8   |      |            |
|      | 6F-1069                  | SEAL AS-VALVE             | 8   |      |            |
|      | 1S-4810                  | GASKET-OIL DRAIN          | 2   |      |            |
|      | 1S-6595                  | GASKET-OIL SUPPLY         | 2   |      |            |
|      | 2N-3553                  | SEAL                      | 5   |      |            |

**MANUALS-KOMATSU.COM**

## **Complete Caterpillar PDF Parts Catalogue**

68B-SEBP5322

**\$99**

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

**Buy complete PDF - \$99**