

# CATERPILLAR 235B

1FD / SEBP1561

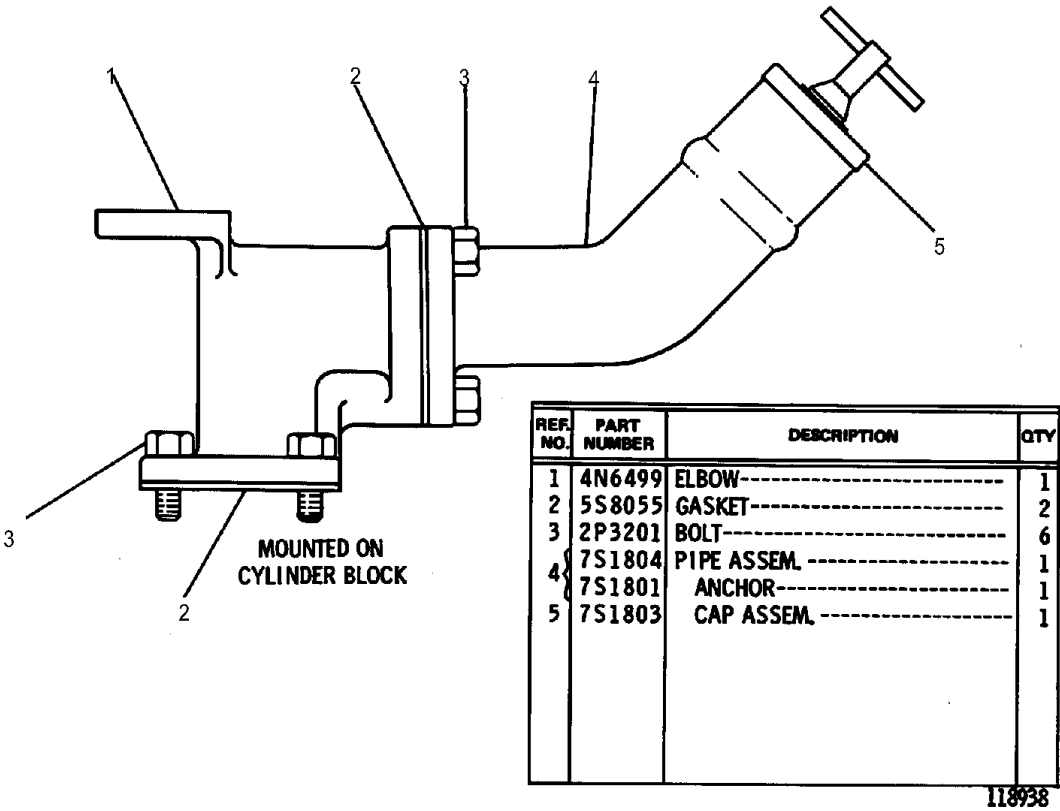
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| Power train                |      |
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| Hydraulic system           |      |
| Hydraulic system           |      |

4N-4791 FILLER GP-OIL

4N4791 OIL FILLER GROUP

Drawing 1 of 1

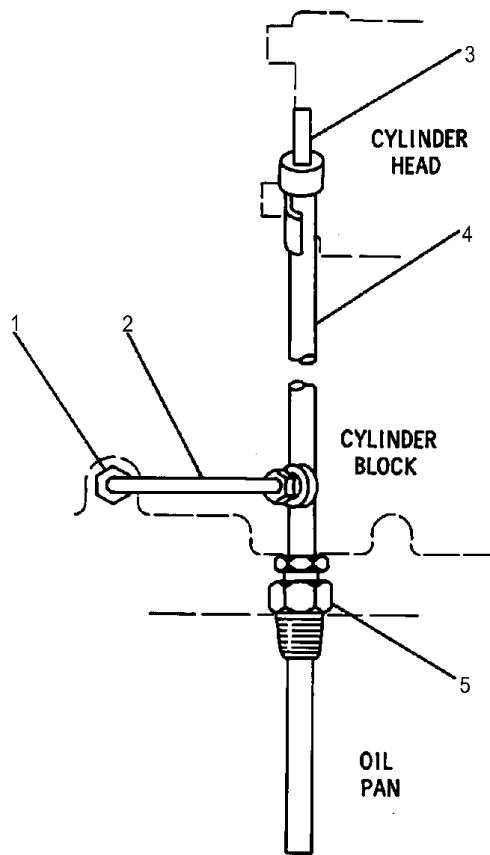


| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 4N-6499     | ELBOW       | 1   |      |            |
| 2    | 5S-8055     | GASKET      | 2   |      |            |
| 3    | 2P-3201     | BOLT        | 6   |      |            |
| 4    | 7S-1804     | PIPE ASSEM. | 1   |      |            |
|      | 7S-1801     | ANCHOR      | 1   |      |            |
| 5    | 7S-1803     | CAP ASSEM.  | 1   |      |            |

6N-4556 GAUGE GP-OIL LEVEL (DIPSTICK)

6N4556 OIL LEVEL GAUGE GROUP

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION        | QTY |
|----------|-------------|--------------------|-----|
| 1        | 6L3616      | CONNECTOR-----     | 2   |
| 2        | 6N4555      | TUBE ASSEM. -----  | 1   |
| 3        | 8S3995      | GAUGE ASSEM. ----- | 1   |
| 4        | 2P2547      | TUBE ASSEM. -----  | 1   |
| 5        | 8S1326      | FITTING-----       | 1   |
|          | (Includes)  |                    |     |
|          | 8F8998      | NUT-----           | 1   |

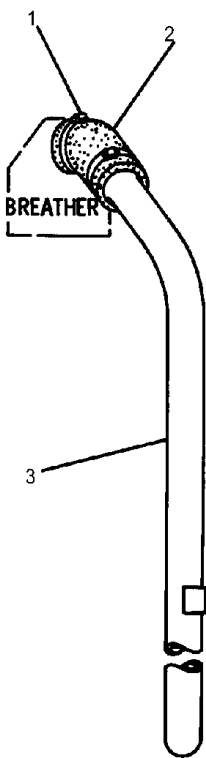
205039

| Ref.       | Part number | Description  | Qty | Code | Group page |
|------------|-------------|--------------|-----|------|------------|
| 1          | 6L-3616     | CONNECTOR    | 2   |      |            |
| 2          | 6N-4555     | TUBE ASSEM.  | 1   |      |            |
| 3          | 8S-3995     | GAUGE ASSEM. | 1   |      |            |
| 4          | 2P-2547     | TUBE ASSEM.  | 1   |      |            |
| 5          | 8S-1326     | FITTING      | 1   |      |            |
| (Includes) |             |              |     |      |            |
|            | 8F-8998     | NUT          | 1   |      |            |

6N-4873 FUMES DISPOSAL GP

6N4873 FUMES DISPOSAL GP

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION      | QTY |
|----------|-------------|------------------|-----|
| C 1      | 9M2904      | CLAMP-----       | 2   |
| 2        | 8S780       | HOSE-----        | 1   |
| 3        | 1P2265      | TUBE ASSEM.----- | 1   |

C INDICATES CHANGE

213548

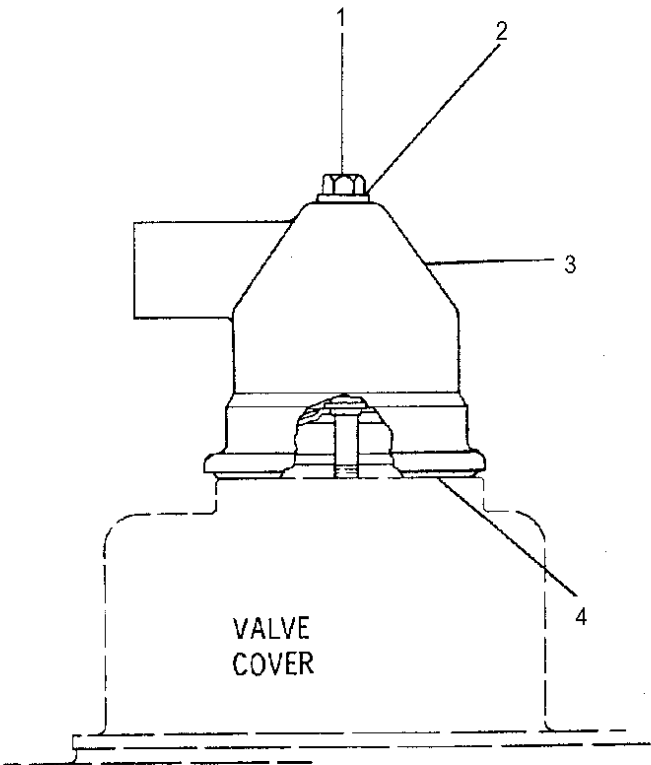
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 9M-2904     | CLAMP       | 2   | C    |            |
| 2    | 8S-0780     | HOSE        | 1   |      |            |
| 3    | 1P-2265     | TUBE ASSEM. | 1   |      |            |

CAT codes: C.

1P-4244 BREATHER GP

1P4244 BREATHER GP

Drawing 1 of 1



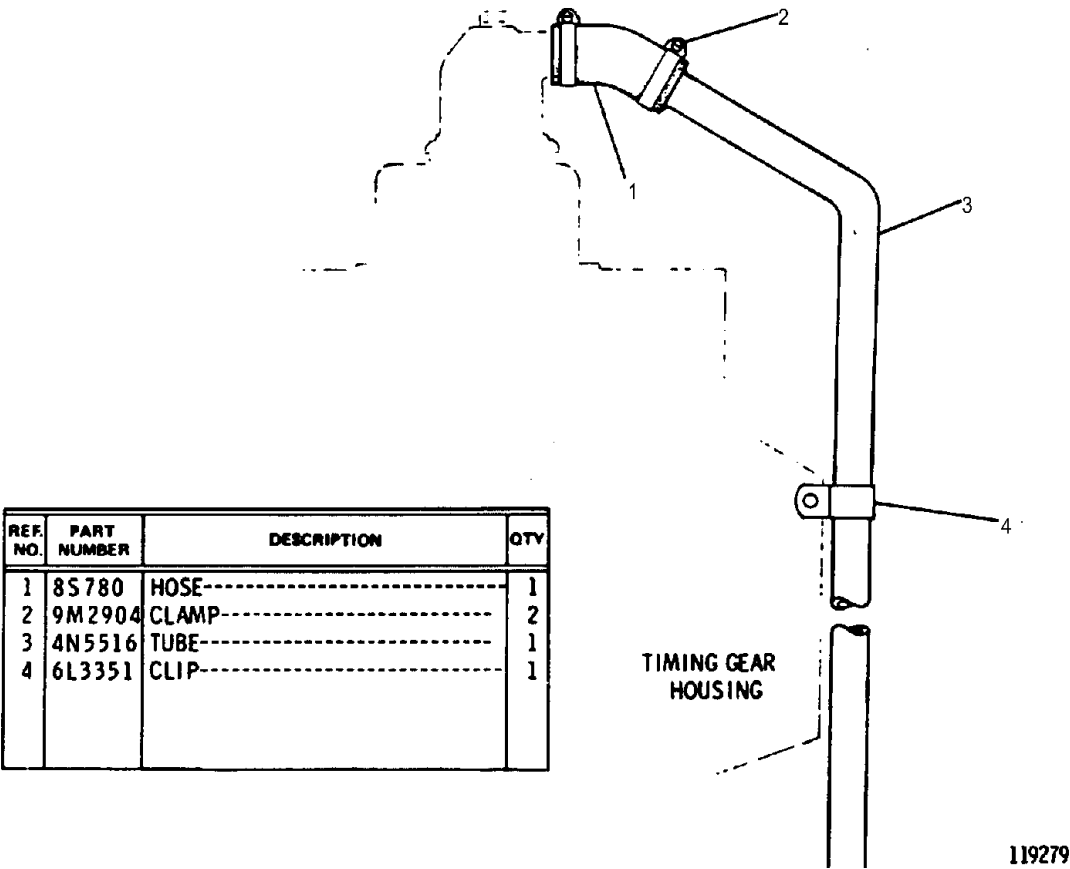
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 3H-3243     | BOLT        | 1   |      |            |
| 2    | 9N-0869     | WASHER      | 1   | C    |            |
| 3    | 2W-9162     | BREATHER AS | 1   | C    |            |
| 4    | 4L-9564     | SEAL-O-RING | 1   | C    |            |

CAT codes: C.

4N-5588 FUMES DISPOSAL GP

4N5588 FUMES DISPOSAL GROUP PART OF 4W9380 REFRIGERANT COMPRESSOR AN ATTACHMENT

Drawing 1 of 1



| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 8S-0780     | HOSE        | 1   |      |            |
| 2    | 9M-2904     | CLAMP       | 2   |      |            |
| 3    | 4N-5516     | TUBE        | 1   |      |            |
| 4    | 6L-3351     | CLIP        | 1   |      |            |

6N-2642 PUMP GP-ENGINE OIL

6N2642 ENGINE OIL PUMP GROUP-2 SECTION GEAR PART OF 2P1784 OIL PUMP

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

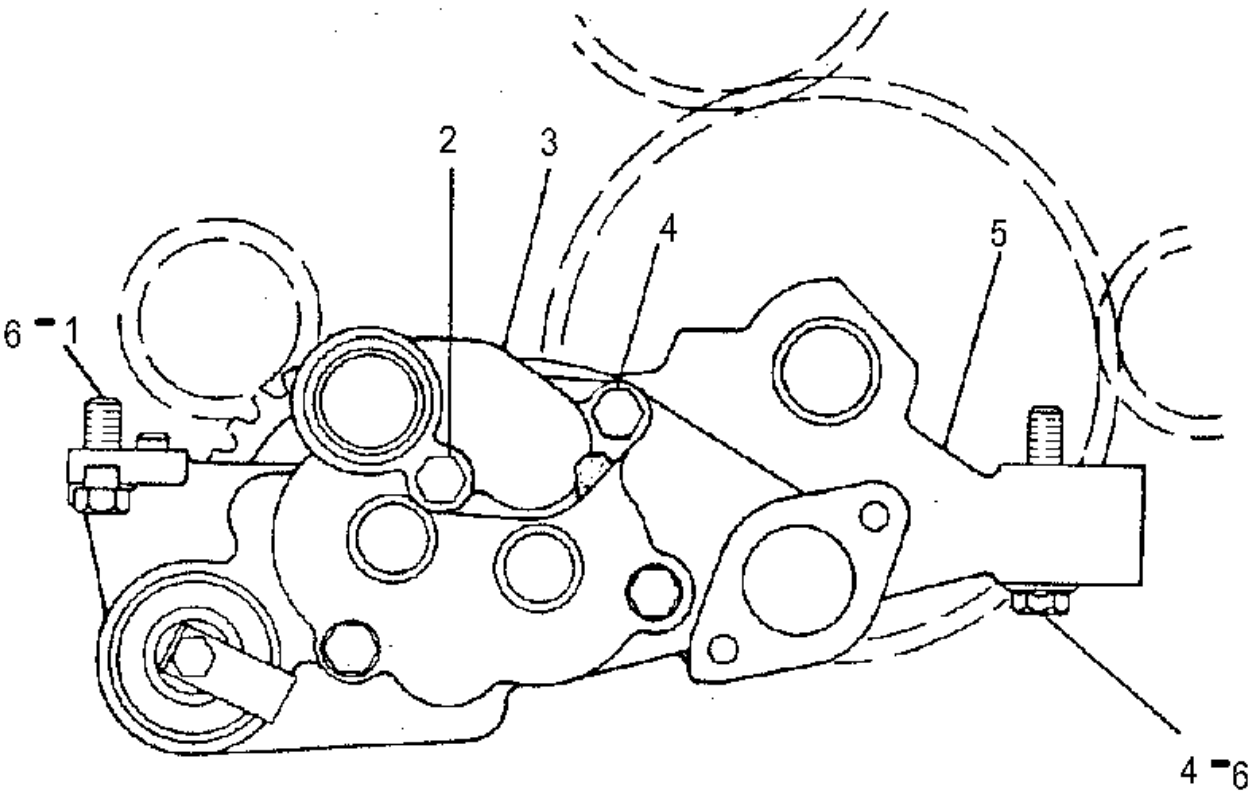
| Ref. | Part number             | Description    | Qty | Code | Group page        |
|------|-------------------------|----------------|-----|------|-------------------|
|      | <a href="#">4W-2448</a> | OIL PUMP GROUP | 1   | RY   | <a href="#">9</a> |
|      | <a href="#">7W-0507</a> | GEAR-40 TEETH  | 1   |      |                   |
|      | <a href="#">8M-5599</a> | KEY            | 1   |      |                   |
|      | <a href="#">1P-7346</a> | WASHER         | 1   |      |                   |
|      | <a href="#">0S-1590</a> | BOLT           | 1   |      |                   |

CAT codes: R, Y.

2P-1784 PUMP GP-ENGINE OIL

2P1784 OIL PUMP GROUP 6N2642-PAGE 27

Drawing 1 of 1



| Ref. | Part number | Description        | Qty | Code | Group page |
|------|-------------|--------------------|-----|------|------------|
| 1    | 3B-1915     | BOLT               | 2   |      |            |
| 2    | 0S-1619     | BOLT               | 1   |      |            |
| 3    | 4N-5353     | ELBOW-LINE         | 1   |      |            |
|      | 2P-8746     | GASKET             | 1   |      |            |
| 4    | 0S-1590     | BOLT               | 3   |      |            |
| 5    | 6N-2642     | PUMP GP-ENGINE OIL | 1   | CY   |            |
| 6    | 5M-2894     | WASHER             | 4   |      |            |

CAT codes: C, Y.

4W-2448 PUMP GP-ENGINE OIL

4W2448 ENGINE OIL PUMP GROUP\*R PART OF 6N2642 OIL PUMP

Drawing 1 of 1



| Ref. | Part number | Description             | Qty | Code | Group page |
|------|-------------|-------------------------|-----|------|------------|
| 1    | 4W-2322     | BODY AS-OIL PUMP        | 1   |      |            |
| 2    | 2P-1170     | SHAFT AS-GEAR           | 1   |      |            |
| 3    | 4B-9782     | BALL                    | 1   |      |            |
| 4    | 4B-9880     | BALL                    | 1   |      |            |
| 5    | 1F-1006     | DOWEL                   | 1   |      |            |
| 6    | 8S-6511     | BEARING-SLEEVE          | 2   |      |            |
| 7    | 2P-1781     | SPACER-OIL PUMP         | 1   |      |            |
| 8    | 4N-8385     | VALVE AS-RELIEF         | 1   |      |            |
| 9    | 2B-2694     | BOLT                    | 1   |      |            |
|      | 9M-1974     | WASHER                  | 1   |      |            |
| 10   | 4N-3732     | COVER-VALVE             | 1   |      |            |
| 11   | 6N-1036     | GEAR-OIL PUMP (8 TEETH) | 2   |      |            |
| 12   | 0T-0065     | BOLT                    | 3   |      |            |
| 13   | 8S-0493     | SHAFT AS-PUMP           | 1   |      |            |
| 14   | 2P-6245     | SHAFT AS-PUMP           | 1   |      |            |

4W-2448 PUMP GP-ENGINE OIL (continued)

| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 15   | 4W-2321     | BODY AS-PUMP   | 1   |      |            |
| 16   | 8S-6511     | BEARING-SLEEVE | 2   |      |            |
| 17   | 1B-8709     | KEY-WOODRUFF   | 1   |      |            |

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