

# CATERPILLAR 960F

6XL / XEBP7319

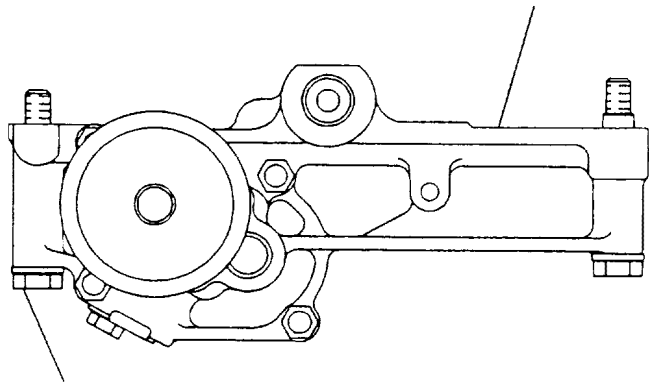
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| Basic engine                 |      |
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4W-2195 PUMP GP-ENGINE OIL

ENGINE OIL PUMP (4W2195 N/S) 2W8625--Page 33

Drawing 1 of 1



| NOTE                        | No. | PART No. | QTY. | PART NAME       |
|-----------------------------|-----|----------|------|-----------------|
| Y                           | 1   | 2W-8625  | 1    | PUMP GROUP      |
|                             | 2   | 6V-5815  | 2    | BOLT(75mm LONG) |
|                             |     | 6V-5839  | 2    | WASHER          |
| Y-SEE SEPARATE ILLUSTRATION |     |          |      |                 |
|                             |     |          |      | J50539E         |

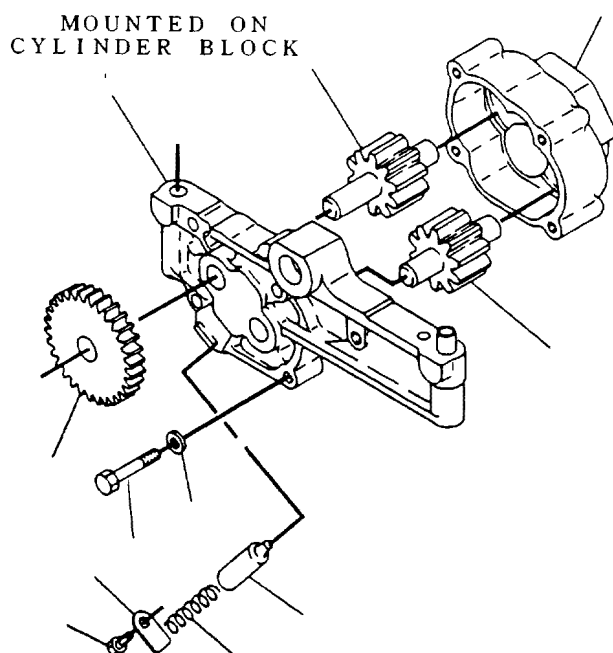
| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 2W-8625     | PUMP GROUP       | 1   | RY   |            |
| 2    | 6V-5815     | BOLT (75mm LONG) | 2   |      |            |
|      | 6V-5839     | WASHER           | 2   |      |            |

CAT codes: R, Y.

## 2W-8625 PUMP GP-ENGINE OIL

2W8625 ENGINE OIL PUMP GROUP Part of 4W2195--Page 33

Drawing 1 of 1



| NOTE | No. | PART No. | QTY | PART NAME       |
|------|-----|----------|-----|-----------------|
|      | 1   | 2W-8077  | 1   | BODY ASSEM.     |
|      | 2   | 2W-8091  | 1   | BODY            |
|      | 3   | 6V-5219  | 4   | BOLT(40mm LONG) |
|      | 4   | 9M-1974  | 4   | WASHER          |
|      | 5   | 2W-8087  | 1   | SHAFT ASSEM.    |
|      | 6   | 2W-8090  | 1   | SHAFT ASSEM.    |
|      | 7   | 2W-8078  | 1   | PLUNGER         |
|      | 8   | 2W-8093  | 1   | SPRING          |
|      | 9   | 6V-5215  | 1   | BOLT(16mm LONG) |
|      | 10  | 2W-8079  | 1   | WASHER          |
|      | 11  | 2W-8085  | 1   | GEAR (33 TEETH) |

J50540E

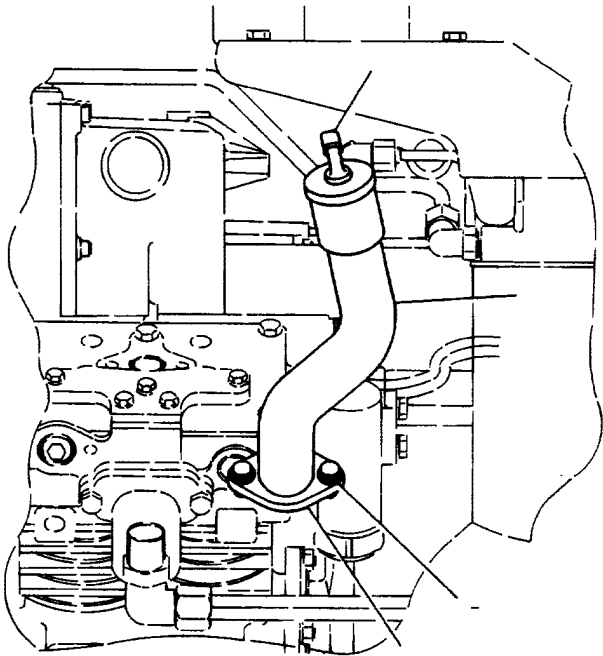
| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
| 1    | 2W-8077     | BODY ASSEM.      | 1   |      |            |
| 2    | 2W-8091     | BODY             | 1   |      |            |
| 3    | 6V-5219     | BOLT (40mm LONG) | 4   |      |            |
| 4    | 9M-1974     | WASHER           | 4   |      |            |
| 5    | 2W-8087     | SHAFT ASSEM.     | 1   |      |            |
| 6    | 2W-8090     | SHAFT ASSEM.     | 1   |      |            |
| 7    | 2W-8078     | PLUNGER          | 1   |      |            |
| 8    | 2W-8093     | SPRING           | 1   |      |            |
| 9    | 6V-5215     | BOLT (16mm LONG) | 1   |      |            |
| 10   | 2W-8079     | WASHER           | 1   |      |            |
| 11   | 2W-8085     | GEAR (33 TEETH)  | 1   |      |            |

6C-9327 FILTER GP-OIL

ENGINE OIL FILLER (6C9327 N/S)

Drawing 1 of 1

L. H. SIDE VIEW



| NOTE | No. | PART No.      | QTY. | PART NAME   |
|------|-----|---------------|------|-------------|
|      | 1   | 5 L - 2 9 5 2 | 1    | CAP ASSEM.  |
|      |     | 6 L - 2 6 0 9 | 1    | SEAL        |
|      | 2   | 6 C - 9 3 2 6 | 1    | TUBE ASSEM. |
|      | 3   | 8 T - 4 9 0 8 | 2    | BOLT        |
|      | 4   | 8 T - 4 2 2 4 | 2    | WASHER      |
|      | 5   | 7 C - 0 3 5 8 | 1    | GASKET      |

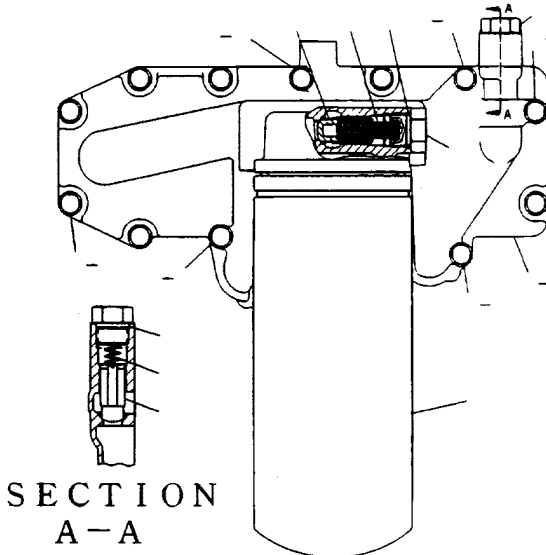
J48227E

| Ref. | Part number | Description | Qty | Code | Group |
|------|-------------|-------------|-----|------|-------|
|      |             |             | .   |      | page  |
| 1    | 5L-2952     | CAP ASSEM.  | 1   |      |       |
|      | 6L-2609     | SEAL        | 1   |      |       |
| 2    | 6C-9326     | TUBE ASSEM. | 1   |      |       |
| 3    | 8T-4908     | BOLT        | 2   |      |       |
| 4    | 8T-4224     | WASHER      | 2   |      |       |
| 5    | 7C-0358     | GASKET      | 1   |      |       |

4P-8183 FILTER GP-ENGINE OIL

ENGINE OIL FILTER (4P8183 N/S)

Drawing 1 of 1



SECTION  
A-A

| NOTE | No. | PART No.    | QTY. | PART NAME     |
|------|-----|-------------|------|---------------|
|      | 1   | 1 R-0 7 3 9 | 1    | FILTER ASSEM. |
|      | 2   | 8 T-0 2 7 6 | 5    | BOLT (M8)     |
|      | 3   | 9 M-1 9 7 4 | 15   | WASHER        |
|      | 4   | 6 V-2 3 1 7 | 10   | BOLT (M8)     |
|      | 5   | 7 C-1 4 9 3 | 2    | VALVE         |
|      | 6   | 9 L-9 1 8 8 | 2    | SPRING        |
|      | 7   | 2 M-9 7 8 0 | 2    | SEAL          |
|      | 8   | 5 P-8 1 9 6 | 2    | PLUG          |
|      | 9   | 4 P-8 1 8 2 | 1    | BASE ASSEM.   |
|      |     | 2 P-2 5 3 7 | 1    | STUD          |
|      | 10  | 7 E-9 8 1 7 | 1    | GASKET        |

J48747E

| Ref. | Part number | Description   | Qty | Code | Group page |
|------|-------------|---------------|-----|------|------------|
| 1    | 1R-0739     | FILTER ASSEM. | 1   |      |            |
| 2    | 8T-0276     | BOLT (M8)     | 5   |      |            |
| 3    | 9M-1974     | WASHER        | 15  |      |            |
| 4    | 6V-2317     | BOLT (M8)     | 10  |      |            |
| 5    | 7C-1493     | VALVE         | 2   |      |            |
| 6    | 9L-9188     | SPRING        | 2   |      |            |
| 7    | 2M-9780     | SEAL          | 2   |      |            |
| 8    | 5P-8196     | PLUG          | 2   |      |            |
| 9    | 4P-8182     | BASE ASSEM.   | 1   |      |            |
|      | 2P-2537     | STUD          | 1   |      |            |
| 10   | 7E-9817     | GASKET        | 1   |      |            |

7C-2475 LINES GP-ENGINE OIL

ENGINE OIL LINES (7C2475 N/S)

Drawing 1 of 1

| NOTE | REF NO | PART NUMBER | QTY | PART NAME   |
|------|--------|-------------|-----|-------------|
|      | 1      | 7W5 340     | 1   | GASKET      |
|      | 2      | 7C5403      | 1   | TUBE ASSEM. |
|      | 3      | 9M1974      | 2   | WASHER      |
|      | 4      | 6V3940      | 4   | BOLT        |
|      | 5      | 4W2232      | 1   | ELBOW       |
|      | 6      | 3P1156      | 2   | SEAL        |

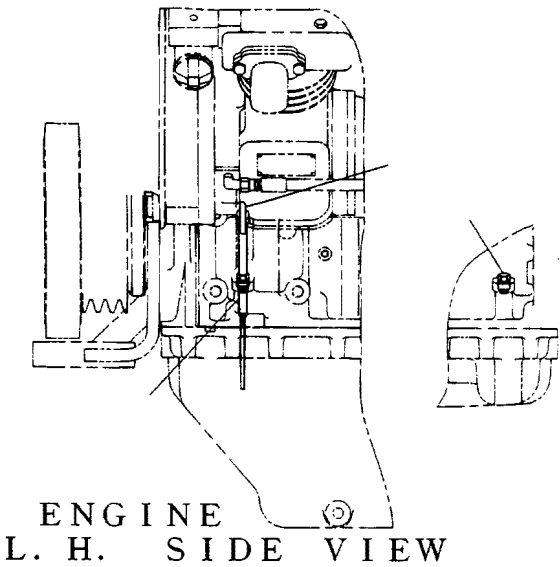
J40847E

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 7W-5340     | GASKET      | 1   |      |            |
| 2    | 7C-5403     | TUBE ASSEM. | 1   |      |            |
| 3    | 9M-1974     | WASHER      | 2   |      |            |
| 4    | 6V-3940     | BOLT        | 4   |      |            |
| 5    | 4W-2232     | ELBOW       | 1   |      |            |
| 6    | 3P-1156     | SEAL        | 2   |      |            |

105-8918 GAUGE GP-OIL LEVEL

OIL LEVEL GAUGE (1058918 N/S) Engine Serial No. 1CK7300--1CK8430

Drawing 1 of 1



ENGINE  
L. H. SIDE VIEW

| NOTE | No. | PART No.        | QTY. | PART NAME   |
|------|-----|-----------------|------|-------------|
|      | 1   | 1 0 5 - 8 9 1 9 | 1    | GAGE        |
|      | 2   | 6 I - 1 9 5 9   | 1    | TUBE ASSEM. |
|      | 3   | 1 S - 2 5 6 3   | 3    | PLUG        |

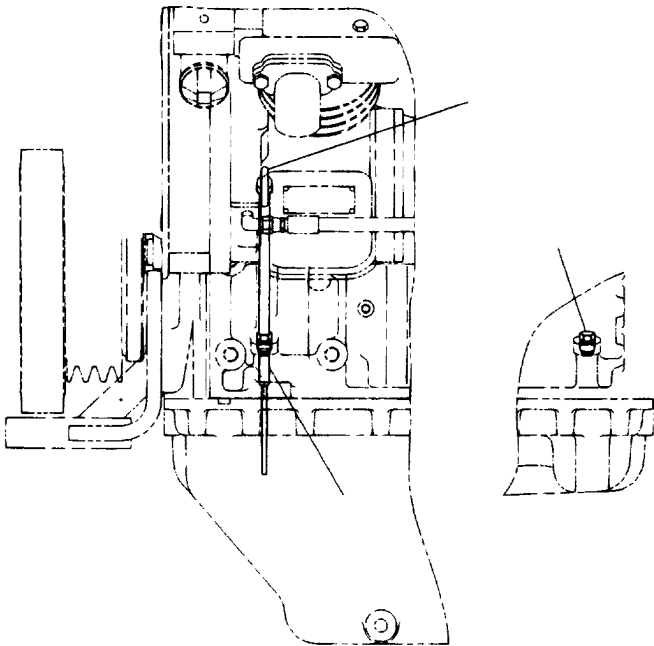
J48744E

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 105-8919    | GAGE        | 1   |      |            |
| 2    | 6I-1959     | TUBE ASSEM. | 1   |      |            |
| 3    | 1S-2563     | PLUG        | 3   |      |            |

114-0773 OIL LEVEL GAUGE

OIL LEVEL GAUGE (1140773 N/S) Engine Serial No. 1CK8431-UP

Drawing 1 of 1



LEFT SIDE VIEW

| NOTE | No. | PART No.        | QTY. | PART NAME      |
|------|-----|-----------------|------|----------------|
|      | 1   | 1 1 4 - 0 7 7 4 | 1    | OIL LEVEL GAGE |
|      | 2   | 1 1 4 - 0 1 8 3 | 1    | TUBE ASSEM.    |
|      | 3   | 1 S - 2 5 6 3   | 3    | PLUG           |

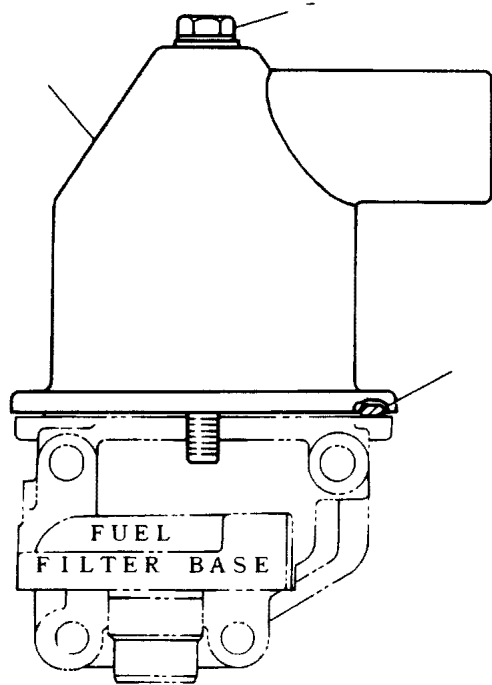
J52444E

| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 114-0774    | OIL LEVEL GAGE | 1   |      |            |
| 2    | 114-0183    | TUBE ASSEM.    | 1   |      |            |
| 3    | 1S-2563     | PLUG           | 3   |      |            |

1N-3477 BREATHER GP

BREATHER (1N3477 N/S)

Drawing 1 of 1



| NOTE | No. | PART No. | QTY. | PART NAME       |
|------|-----|----------|------|-----------------|
|      | 1   | 2W-9162  | 1    | BREATHER ASSEM. |
|      | 2   | 4L-9564  | 1    | SEAL            |
|      | 3   | 6V-3821  | 1    | BOLT (M8)       |
|      | 4   | 9N-0869  | 1    | WASHER          |

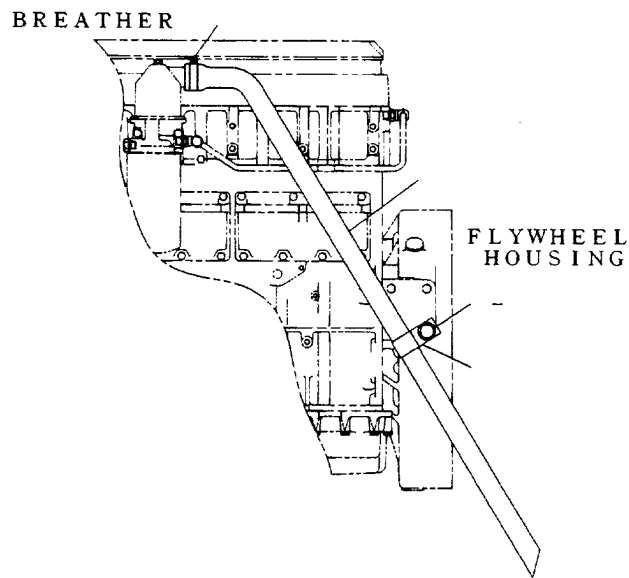
J44032E

| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 2W-9162     | BREATHER ASSEM. | 1   |      |            |
| 2    | 4L-9564     | SEAL            | 1   |      |            |
| 3    | 6V-3821     | BOLT            | 1   |      |            |
| 4    | 9N-0869     | WASHER          | 1   |      |            |

4Y-6352 FUMES DISPOSAL GP

FUMES DISPOSAL (4Y6352 N/S)

Drawing 1 of 1



| NOTE    | No. | PART No. | QTY. | PART NAME |
|---------|-----|----------|------|-----------|
|         | 1   | 9M-2904  | 1    | CLAMP     |
|         | 2   | 4Y-8648  | 1    | HOSE      |
|         | 3   | 9X-8402  | 1    | CLIP      |
|         | 4   | 7X-2552  | 1    | BOLT      |
|         | 5   | 8T-4122  | 1    | WASHER    |
| J49426E |     |          |      |           |

| Ref. | Part number | Description | Qty | Code | Group | page |
|------|-------------|-------------|-----|------|-------|------|
| 1    | 9M-2904     | CLAMP       | 1   |      |       |      |
| 2    | 4Y-8648     | HOSE        | 1   |      |       |      |
| 3    | 9X-8402     | CLIP        | 1   |      |       |      |
| 4    | 7X-2552     | BOLT        | 1   |      |       |      |
| 5    | 8T-4122     | WASHER      | 1   |      |       |      |

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