

# CATERPILLAR 930

71H / ZEBP0558

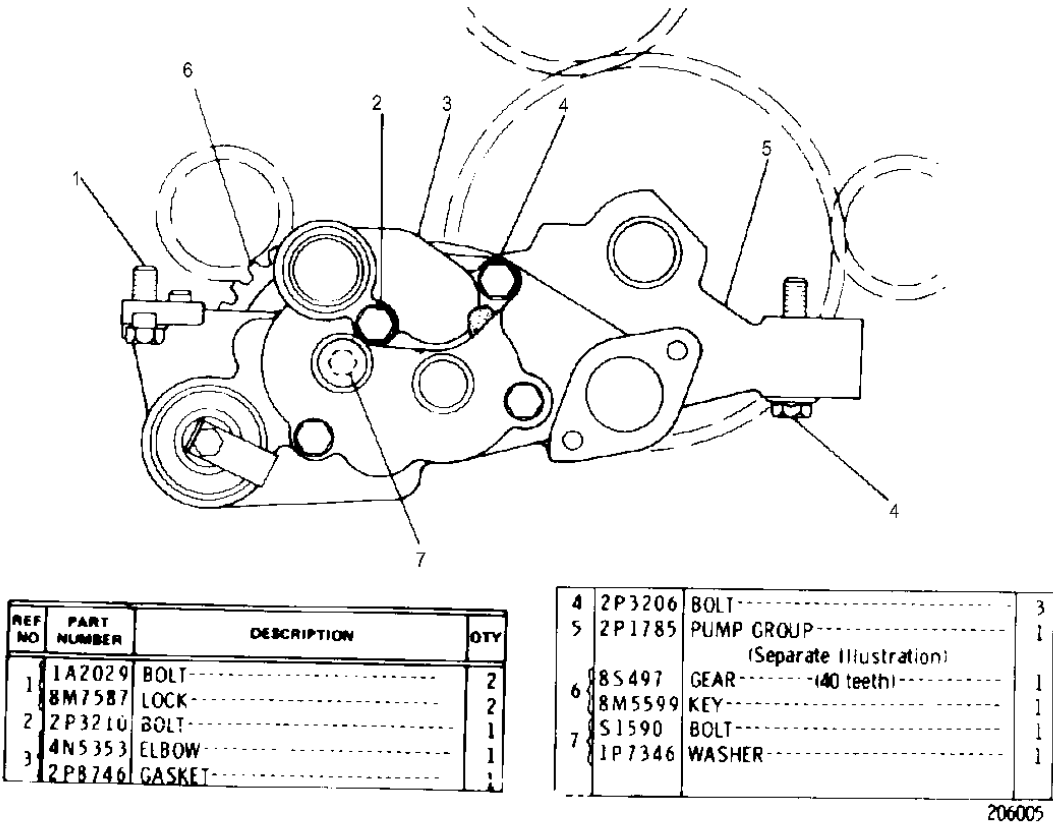
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2P-1784 PUMP GP-ENGINE OIL

2P1784 OIL PUMP GROUP 2P1785 Oil Pump parts are shown on Page 23

Drawing 1 of 1

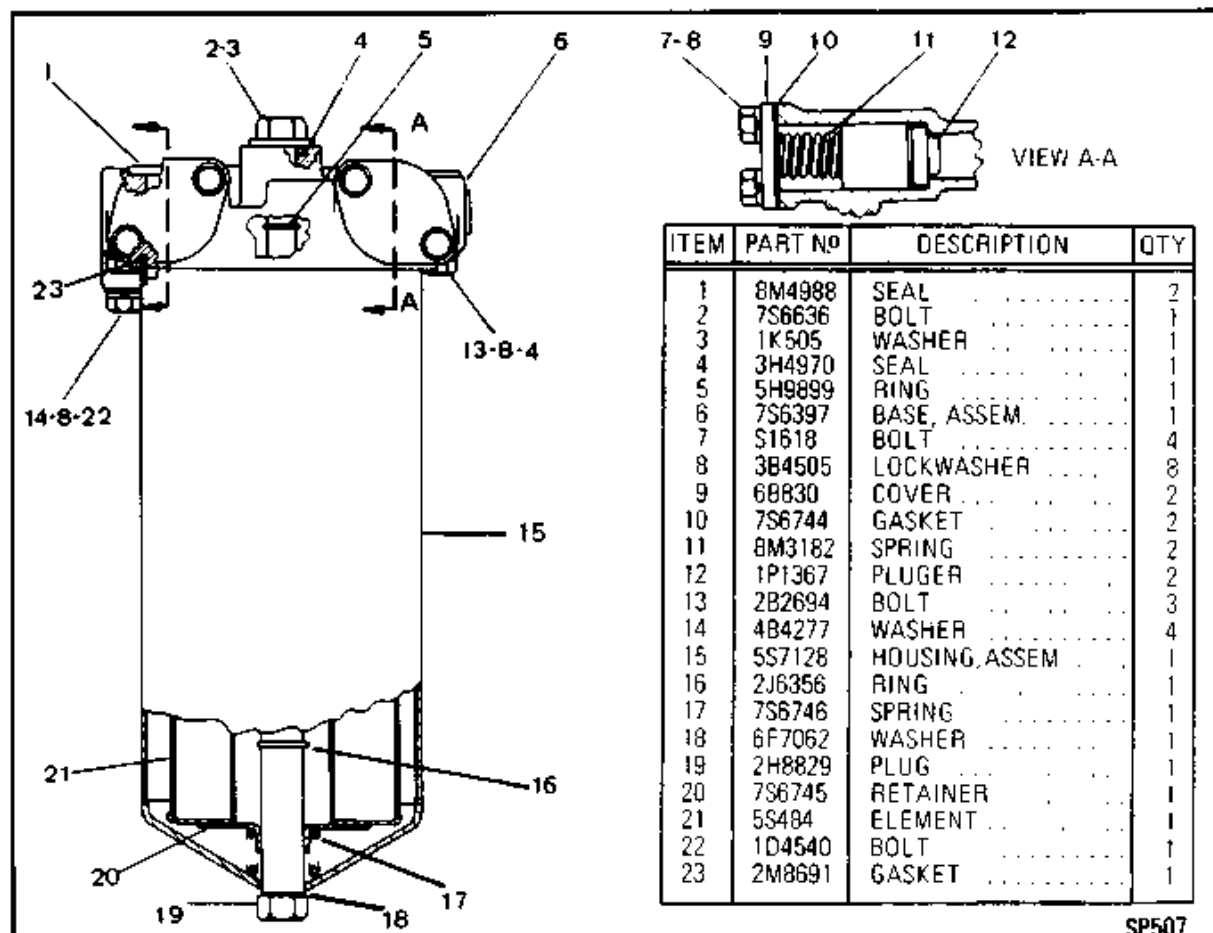


| Ref.                                                                      | Part number | Description     | Qty | Code | Group page |
|---------------------------------------------------------------------------|-------------|-----------------|-----|------|------------|
| 1                                                                         | 1A-2029     | BOLT            | 2   |      |            |
|                                                                           | 8M-7587     | LOCK            | 2   |      |            |
| 2                                                                         | 2P-3210     | BOLT            | 1   |      |            |
| 3                                                                         | 4N-5353     | ELBOW           | 1   |      |            |
|                                                                           | 2P-8746     | GASKET          | 1   |      |            |
| 4                                                                         | 2P-3206     | BOLT            | 3   |      |            |
| 5                                                                         | 2P-1785     | PUMP GROUP      | 1   | Y    |            |
| (Separate Illustration)                                                   |             |                 |     |      |            |
| 6                                                                         | 8S-0497     | GEAR (40 teeth) | 1   |      |            |
|                                                                           | 8M-5599     | KEY             | 1   |      |            |
| 7                                                                         | OS-1590     | BOLT            | 1   |      |            |
|                                                                           | 1P-7346     | WASHER          | 1   |      |            |
| CAT source note: Separate Illustration CAT source note; shown as provided |             |                 |     |      |            |

## 2Y-1399 OIL FILTER

### 2Y1399 OIL FILTER

Drawing 1 of 1



| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 8M-4988     | SEAL            | 2   |      |            |
| 2    | 7S-6636     | BOLT            | 1   |      |            |
| 3    | 1K-0505     | WASHER          | 1   |      |            |
| 4    | 3H-4970     | SEAL            | 1   |      |            |
| 5    | 5H-9899     | RING            | 1   |      |            |
| 6    | 7S-6397     | BASE, ASSEM.    | 1   |      |            |
| 7    | 0S-1618     | BOLT            | 4   |      |            |
| 8    | 3B-4505     | LOCKWASHER      | 8   |      |            |
| 9    | 6B-0830     | COVER           | 2   |      |            |
| 10   | 7S-6744     | GASKET          | 2   |      |            |
| 11   | 8M-3182     | SPRING          | 2   |      |            |
| 12   | 1P-1367     | PLUGER          | 2   |      |            |
| 13   | 2B-2694     | BOLT            | 3   |      |            |
| 14   | 4B-4277     | WASHER          | 4   |      |            |
| 15   | 5S-7128     | HOUSING, ASSEM. | 1   |      |            |

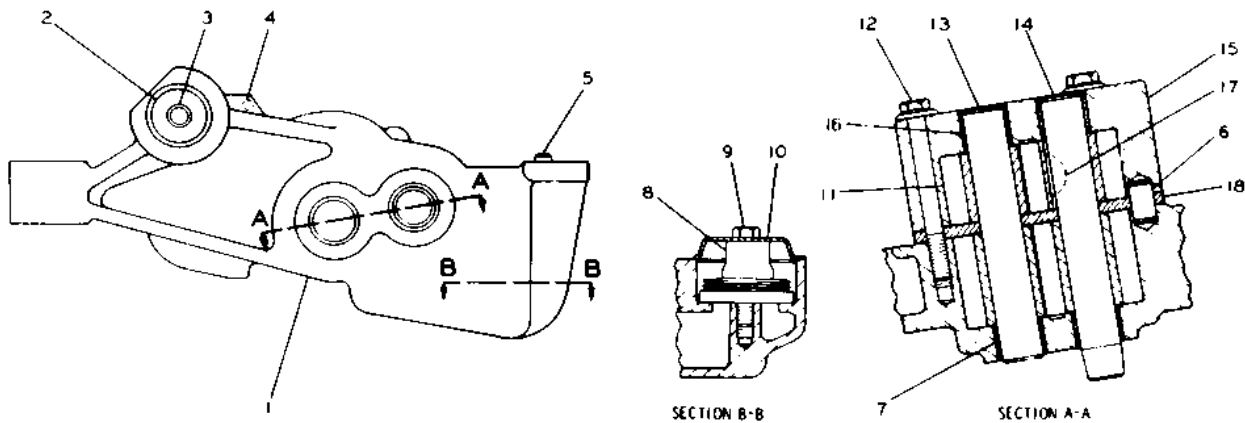
2Y-1399 OIL FILTER (continued)

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 16   | 2J-6356     | RING        | 1   |      |            |
| 17   | 7S-6746     | SPRING      | 1   |      |            |
| 18   | 6F-7062     | WASHER      | 1   |      |            |
| 19   | 2H-8829     | PLUG        | 1   |      |            |
| 20   | 7S-6745     | RETAINER    | 1   |      |            |
| 21   | 5S-0484     | ELEMENT     | 1   |      |            |
| 22   | 1D-4540     | BOLT        | 1   |      |            |
| 23   | 2M-8691     | GASKET      | 1   |      |            |

2P-1785 PUMP GP-ENGINE OIL

2P1785 GEAR PUMP GROUP Part of Oil Pump shown on Page 22

Drawing 1 of 1



| REF NO | PART NUMBER | DESCRIPTION       | QTY |
|--------|-------------|-------------------|-----|
| 1      | 2P0685      | BODY ASSEM. ....  | 1   |
| 2      | 2P1170      | SHAFT ASSEM. .... | 1   |
| 3      | 6F7172      | DOWEL ..... 1     | 1   |
| 4      | 4B9880      | BALL ..... 1      | 1   |
| 5      | 1F1006      | DOWEL ..... 1     | 1   |
| 6      | 1M3735      | DOWEL ..... 2     | 2   |
| 7      | 8S6511      | BEARING ..... 2   | 2   |

|    |        |                        |   |
|----|--------|------------------------|---|
| 8  | 4N8385 | VALVE ASSEM. ....      | 1 |
| 9  | 1B9575 | BOLT ..... 1           | 1 |
| 10 | 4N3732 | COVER ..... 1          | 1 |
| 11 | 6N1036 | GEAR ..... (6 Teeth) 2 | 2 |
| 12 | L1352  | BOLT ..... 3           | 3 |
| 13 | 8S493  | SHAFT ASSEM. ....      | 1 |
| 14 | 2P6245 | SHAFT ASSEM. ....      | 1 |

|    |        |                  |   |
|----|--------|------------------|---|
| 15 | 4N4055 | BODY ASSEM. .... | 1 |
| 16 | 8S6511 | BEARING ..... 2  | 2 |
| 17 | 1B8709 | KEY ..... 1      | 1 |
| 18 | 2P1781 | SPACER ..... 1   | 1 |

C INDICATES CHANGE
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| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 2P-0685     | BODY ASSEM.    | 1   |      |            |
| 2    | 2P-1170     | SHAFT ASSEM.   | 1   |      |            |
| 3    | 6F-7172     | DOWEL          | 1   |      |            |
| 4    | 4B-9880     | BALL           | 1   |      |            |
| 5    | 1F-1006     | DOWEL          | 1   |      |            |
| 6    | 1M-3735     | DOWEL          | 2   |      |            |
| 7    | 8S-6511     | BEARING        | 2   |      |            |
| 8    | 4N-8385     | VALVE ASSEM    | 1   |      |            |
| 9    | 1B-9575     | BOLT           | 1   |      |            |
| 10   | 4N-3732     | COVER          | 1   |      |            |
| 11   | 6N-1036     | GEAR (6 Teeth) | 2   |      |            |
| 12   | 0L-1352     | BOLT           | 3   | C    |            |
| 13   | 8S-0493     | SHAFT ASSEM    | 1   |      |            |
| 14   | 2P-6245     | SHAFT ASSEM    | 1   |      |            |
| 15   | 4N-4055     | BODY ASSEM.    | 1   |      |            |

2P-1785 PUMP GP-ENGINE OIL (continued)

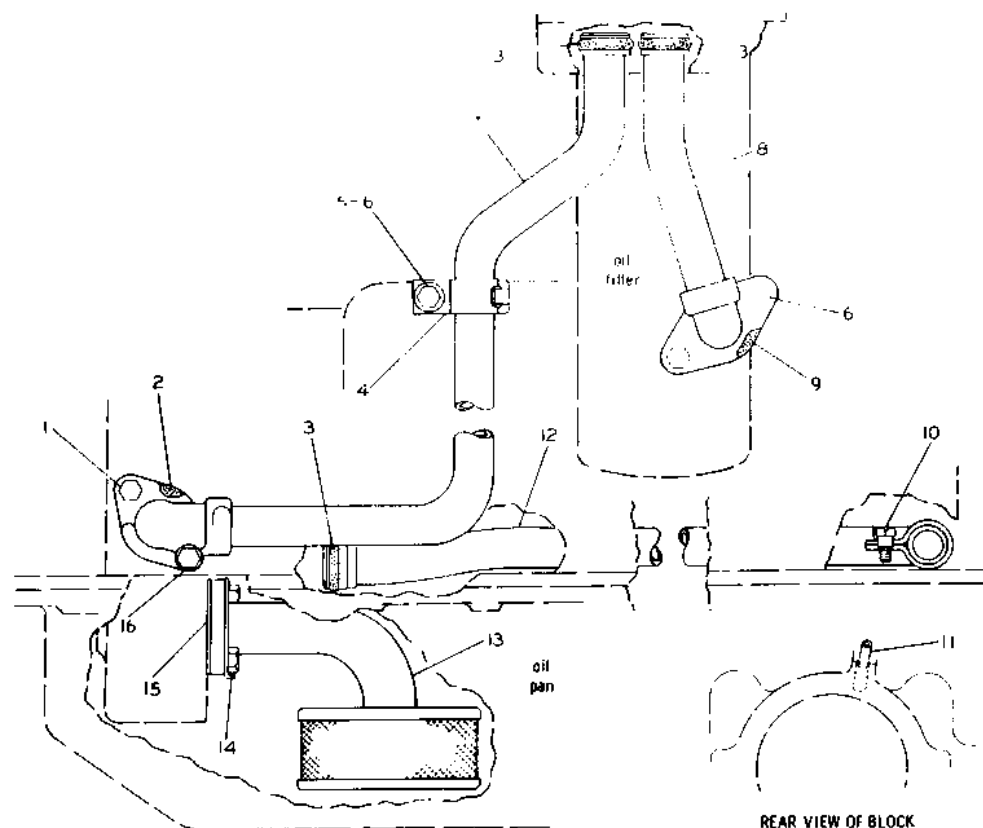
| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 16   | 8S-6511     | BEARING     | 2   |      |            |
| 17   | 1B-8709     | KEY         | 1   |      |            |
| 18   | 2P-1781     | SPACER      | 1   |      |            |

CAT codes: INDICATES.

## 2P-6512 LINES GP-ENGINE OIL

### 2P6512 OIL LINES GROUP

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION | QTY |
|----------|-------------|-------------|-----|
| 1        | 2P3202      | BOLT        | 1   |
| 2        | 2M5407      | GASKET      | 1   |
| 3        | 9M4849      | SEAL        | 3   |
| 4        | 7S3919      | CLIP        | 1   |
|          | 7S3916      | CLIP (Tab)  | 1   |
| 5        | 4B4278      | WASHER      | 1   |
| 6        | 2P3201      | BOLT        | 3   |
| 7        | 2P2519      | TUBE ASSEM. | 1   |
| 8        | 2P2460      | TUBE ASSEM. | 1   |
| 9        | 7F7590      | GASKET      | 1   |
| 10       | T102        | BOLT        | 1   |
|          | L364        | LOCK        | 1   |
| 11       | 2S1541      | ORIFICE     | 4   |
| 12       | 2P744       | TUBE ASSEM. | 1   |
| 13       | 2P1776      | BELL ASSEM. | 1   |
| 14       | OS1594      | BOLT        | 2   |
|          | 8S8874      | LOCK        | 1   |
| 15       | 8M904       | GASKET      | 1   |
| 16       | 2P3207      | BOLT        | 1   |

200718

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 2P-3202     | BOLT        | 1   |      |            |
| 2    | 2M-5407     | GASKET      | 1   |      |            |
| 3    | 9M-4849     | SEAL        | 3   |      |            |
| 4    | 7S-3919     | CLIP        | 1   |      |            |
|      | 7S-3916     | CLIP (Tab)  | 1   |      |            |
| 5    | 4B-4278     | WASHER      | 1   |      |            |
| 6    | 2P-3201     | BOLT        | 3   |      |            |
| 7    | 2P-2519     | TUBE ASSEM. | 1   |      |            |
| 8    | 2P-2460     | TUBE ASSEM. | 1   |      |            |
| 9    | 7F-7590     | GASKET      | 1   |      |            |
| 10   | OT-0102     | BOLT        | 1   |      |            |
|      | OL-0364     | LOCK        | 1   |      |            |
| 11   | 2S-1541     | ORIFICE     | 4   |      |            |
| 12   | 2P-0744     | TUBE ASSEM. | 1   |      |            |
| 13   | 2P-1776     | BELL ASSEM. | 1   |      |            |
| 14   | OS-1594     | BOLT        | 2   |      |            |

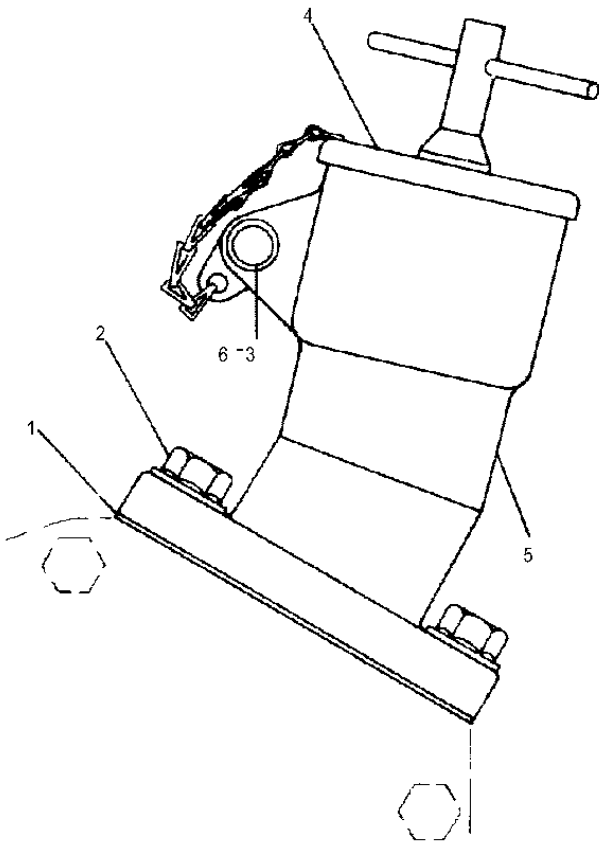
2P-6512 LINES GP-ENGINE OIL (continued)

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
|      | 8S-8874     | LOCK        | 1   |      |            |
| 15   | 8M-0904     | GASKET      | 1   |      |            |
| 16   | 2P-3207     | BOLT        | 1   |      |            |

2P-6855 FILLER GP-OIL

2P6855 OIL FILLER GROUP

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION     | QTY |
|----------|-------------|-----------------|-----|
| 1        | 2 P2 720    | GASKET-----     | 1   |
| 2        | 2 P3201     | BOLT-----       | 2   |
| 3        | 9M5732      | RIVET-----      | 1   |
| 4        | 2 P2 718    | CAP ASSEM.----- | 1   |
| 5        | 2 P2 719    | PIPE-----       | 1   |
| 6        | 2A3211      | WASHER-----     | 1   |

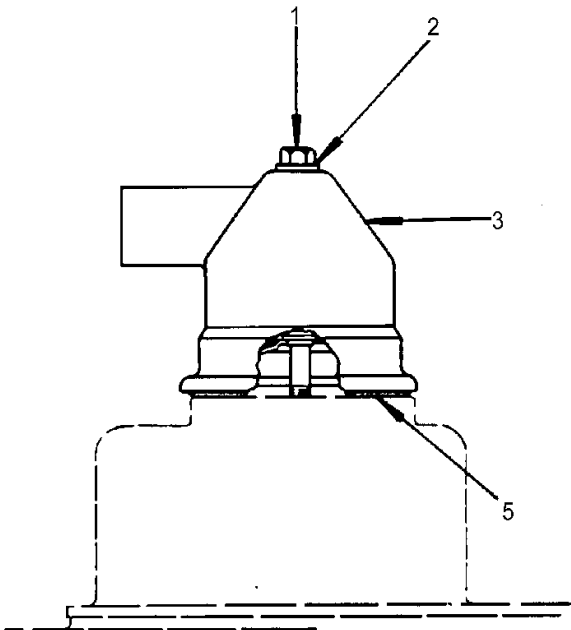
118787

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 2P-2720     | GASKET      | 1   |      |            |
| 2    | 2P-3201     | BOLT        | 2   |      |            |
| 3    | 9M-5732     | RIVET       | 1   |      |            |
| 4    | 2P-2718     | CAP ASSEM.  | 1   |      |            |
| 5    | 2P-2719     | PIPE        | 1   |      |            |
| 6    | 2A-3211     | WASHER      | 1   |      |            |

1P-4244 BREATHER GP

1P4244 BREATHER GROUP - Crankcase

Drawing 1 of 1



| REF. NO. | PART NUMBER | DESCRIPTION          | QTY |
|----------|-------------|----------------------|-----|
| 1        | 3H3243      | BOLT-----            | 1   |
| 2        | 4K9890      | WASHER-----          | 1   |
| 3        | 8S248       | BREATHER ASSEM.----- | 1   |
| 5        | 6L5359      | SEAL-----            | 1   |

204118

| Ref. | Part number | Description     | Qty | Code | Group page |
|------|-------------|-----------------|-----|------|------------|
| 1    | 3H-3243     | BOLT            | 1   |      |            |
| 2    | 4K-9890     | WASHER          | 1   |      |            |
| 3    | 8S-0248     | BREATHER ASSEM. | 1   |      |            |
| 5    | 6L-5359     | SEAL            | 1   |      |            |

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