

# CATERPILLAR 966E

94X / SEBP7102

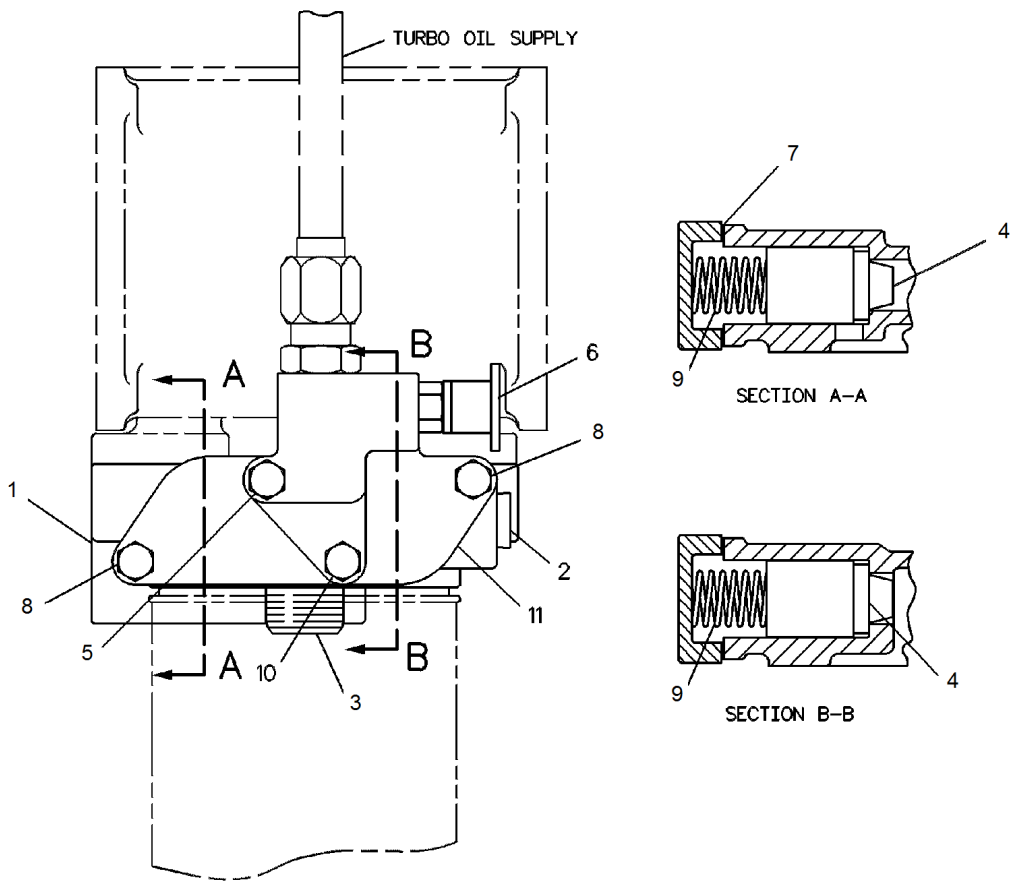
## Contents

| Section                    | Page |
|----------------------------|------|
| Cooling system             | 2    |
| Air inlet and exhaust      |      |
| Fuel system                |      |
| Electrical and electronics |      |
| Power train                |      |
| Basic engine               |      |
| Basic engine               |      |
| Power train                |      |
| Air inlet and exhaust      |      |

4P-8455 BASE GP-OIL FILTER

4P-8455 BASE GP-OIL FILTER S/N 6NC1-UP; R6J1-UP; 08Z1-UP; 10Z1-UP; 13Z1-UP PART OF 102-8438, 108-2704, 160-8527 COOLER GP-FLTR BASE & ENG OIL

Drawing 1 of 1

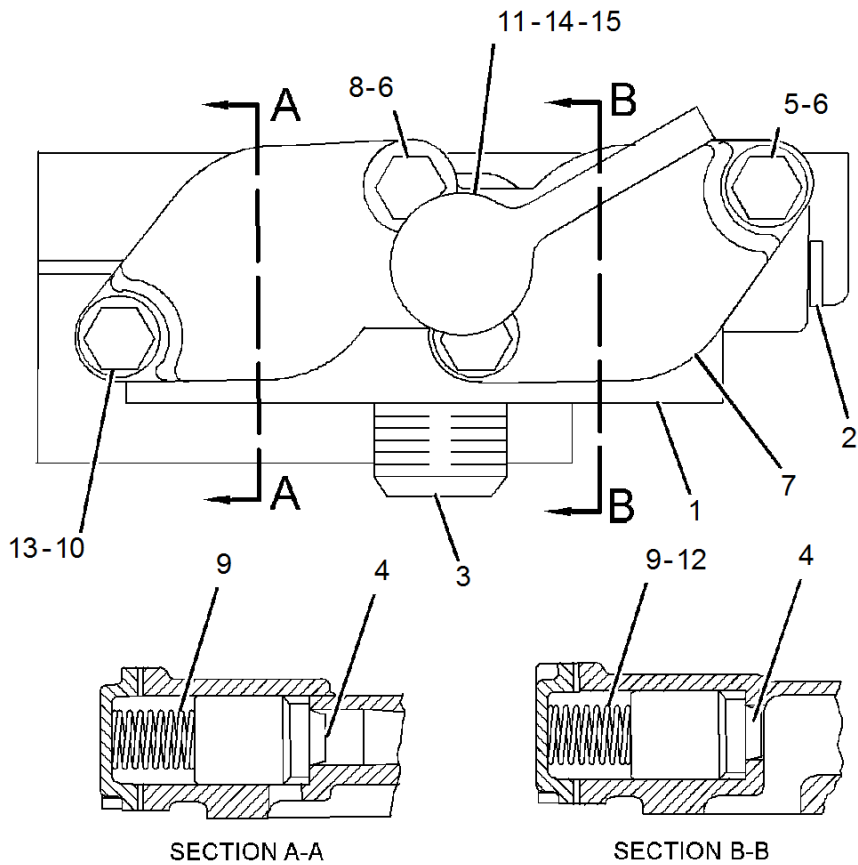


| Ref. | Part number | Description             | Qty | Code | Group page |
|------|-------------|-------------------------|-----|------|------------|
| 1    | 9Y-7149     | BASE AS-OIL FILTER      | 1   |      |            |
|      | 3B-0645     | PLUG-CUP (32.08-MM OD)  | 3   |      |            |
| 2    | 2B-0858     | PLUG-PIPE               | 1   |      |            |
| 3    | 2P-2537     | STUD-HOLLOW             | 1   |      |            |
| 4    | 1P-1367     | PLUNGER (RELIEF VALVE)  | 2   |      |            |
| 5    | 2B-2694     | BOLT (5/16-18X2-IN)     | 1   |      |            |
| 6    | 8C-3445     | CAP-DUST                | 1   |      |            |
|      | 3J-7354     | SEAL-O-RING             | 1   |      |            |
|      | 8C-3446     | VALVE-SAMPLING          | 1   |      |            |
| 7    | 9Y-6860     | GASKET                  | 1   |      |            |
| 8    | 1B-2790     | BOLT (5/16-18X1.375-IN) | 2   |      |            |
| 9    | 8M-3182     | SPRING                  | 2   |      |            |
| 10   | 1B-9575     | BOLT (5/16-18X1.56-IN)  | 1   |      |            |
| 11   | 4P-8453     | COVER                   | 1   |      |            |

8N-4457 BASE GP-OIL FILTER

8N-4457 BASE GP-OIL FILTER S/N 6NC1-UP; R6J1-UP; 08Z1-UP; 13Z1-UP PART OF 2W-7279, 7W-1471 COOLER  
GP-FLTR BASE & ENG OIL

Drawing 1 of 1



| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 1    | 9Y-7149     | BASE AS-OIL FILTER            | 1   | C    |            |
| 2    | 2B-0858     | PLUG-PIPE                     | 1   |      |            |
| 3    | 2P-2537     | STUD-HOLLOW                   | 1   |      |            |
| 4    | 9M-0853     | PLUNGER-VALVE (RELIEF)        | 2   |      |            |
| 5    | 0S-1618     | BOLT (5/16-18X1-IN)           | 1   | C    |            |
| 6    | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 3   |      |            |
| 7    | 9Y-6859     | COVER                         | 1   | C    |            |
| 8    | 1B-2790     | BOLT (5/16-18X1.375-IN)       | 2   | C    |            |
| 9    | 8M-3182     | SPRING                        | 2   |      |            |
| 10   | 0S-1618     | BOLT (5/16-18X1-IN)           | 1   | B    |            |
| 11   | 8C-3445     | CAP-DUST                      | 1   | C    |            |
| 12   | 9Y-6860     | GASKET                        | 1   | C    |            |

8N-4457 BASE GP-OIL FILTER (continued)

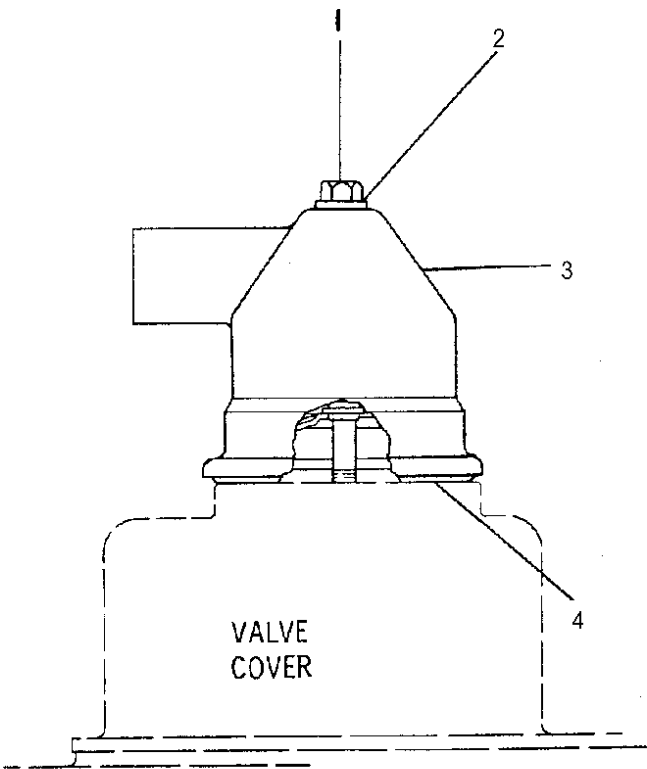
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 13   | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 1   | B    |            |
| 14   | 3J-7354     | SEAL-O-RING                   | 1   | C    |            |
| 15   | 8C-3446     | VALVE-SAMPLING                | 1   | C    |            |

CAT codes: B, C.

1P-4244 BREATHER GP

1P-4244 BREATHER GP S/N 6NC1-UP; R6J1-UP; 08Z1-UP; 10Z1-UP; 13Z1-UP

Drawing 1 of 1

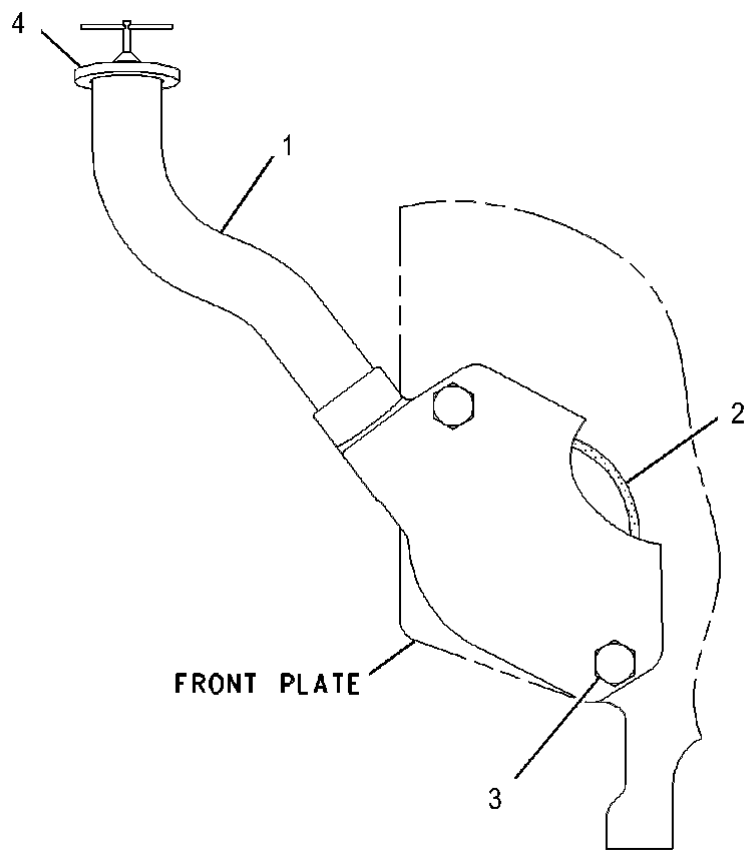


| Ref. | Part number | Description                     | Qty | Code | Group page |
|------|-------------|---------------------------------|-----|------|------------|
| 1    | 3H-3243     | BOLT (5/16-18X4.75-IN)          | 1   |      |            |
| 2    | 9N-0869     | WASHER-HARD (8.8X25.5X2-MM THK) | 1   |      |            |
| 3    | 2W-9162     | BREATHER AS (CRANKCASE)         | 1   |      |            |
| 4    | 4L-9564     | SEAL-O-RING (81.92MM ID)        | 1   |      |            |

137-6341 FILLER GP-ENGINE OIL

137-6341 FILLER GP-ENGINE OIL S/N 6NC1-UP; R6J1-UP; 08Z1-UP; 10Z1-UP; 13Z1-UP

Drawing 1 of 1

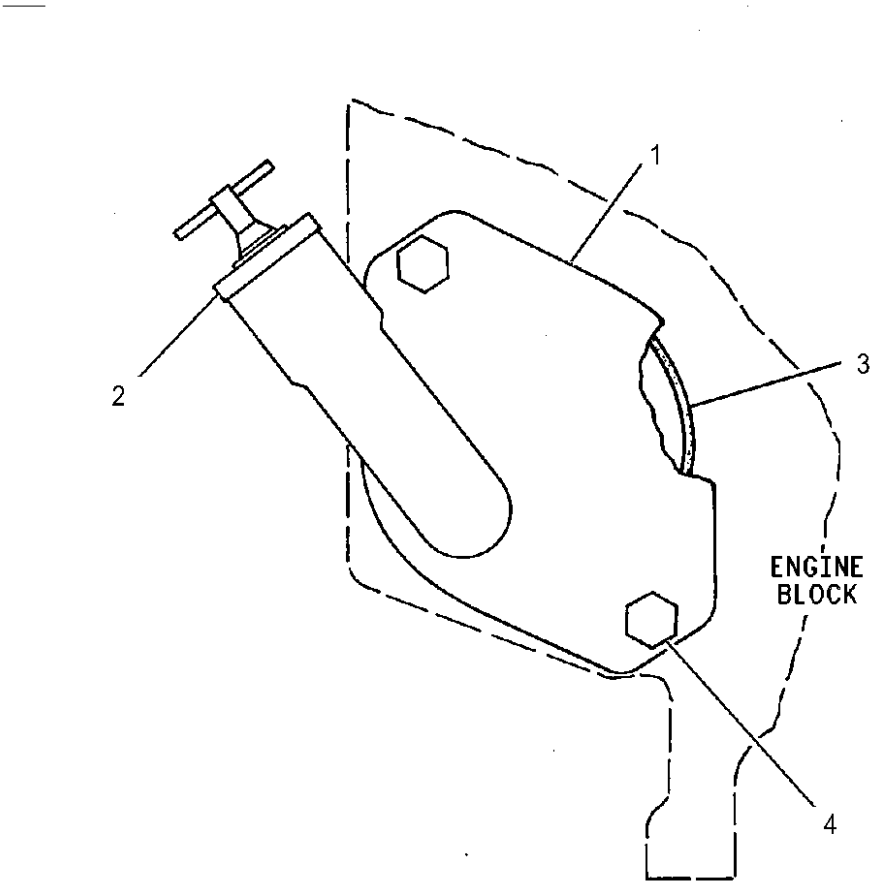


| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 139-8561    | TUBE AS              | 1   |      |            |
| 2    | 5F-3106     | SEAL-O-RING          | 1   |      |            |
| 3    | 8T-9393     | BOLT (5/8-11X1.5-IN) | 2   |      |            |
| 4    | 5L-2952     | CAP AS-FILLER        | 1   |      |            |
|      | 6L-2609     | SEAL-RUBBER          | 1   |      |            |

8N-9703 FILLER GP-ENGINE OIL

8N-9703 FILLER GP-ENGINE OIL S/N 6NC1-UP; R6J1-UP; 08Z1-UP; 13Z1-UP

Drawing 1 of 1

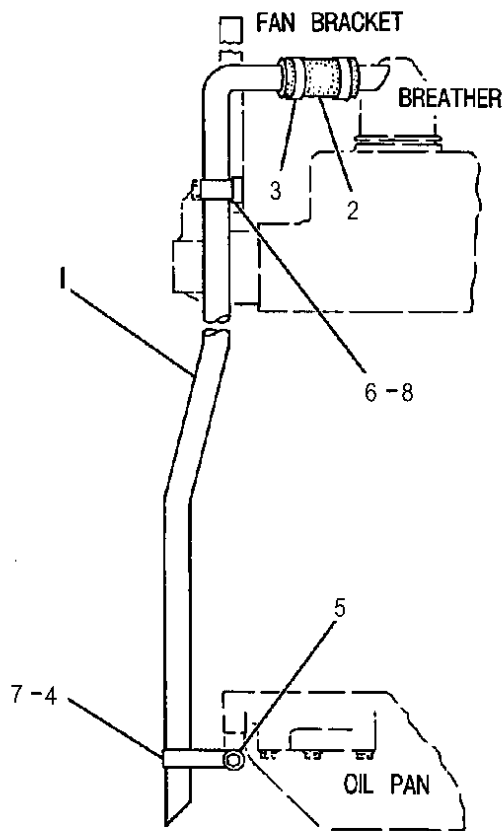


| Ref. | Part number | Description          | Qty | Code | Group page |
|------|-------------|----------------------|-----|------|------------|
| 1    | 1W-4928     | PIPE-OIL FILLER      | 1   |      |            |
|      | 7S-1801     | ANCHOR-CHAIN         | 1   |      |            |
| 2    | 7S-1803     | CAP AS-OIL FILLER    | 1   |      |            |
| 3    | 5F-3106     | SEAL-O-RING          | 1   |      |            |
| 4    | 0S-1566     | BOLT (5/8-11X1.5-IN) | 2   |      |            |

8N-2182 FUMES DISPOSAL GP

8N-2182 FUMES DISPOSAL GP S/N 3XJ1-UP; 9YJ1-UP; 94X1-UP

Drawing 1 of 1



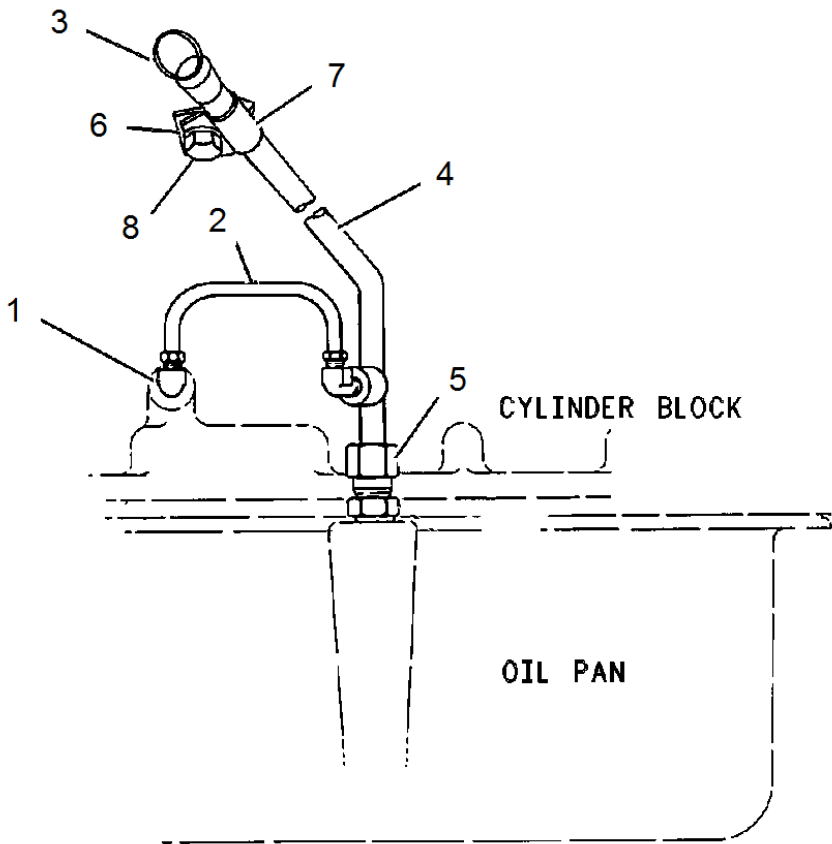
| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 8N-1965     | TUBE                             | 1   |      |            |
| 2    | 5P-1254     | HOSE (8.26CM)                    |     | BE   |            |
| 3    | 9M-2904     | CLAMP-HOSE                       | 2   |      |            |
| 4    | 8N-4247     | CLIP (SLOT)                      | 2   |      |            |
| 5    | 5P-2228     | BOLT (1/2-13X1-IN)               | 1   |      |            |
|      | 6V-8188     | NUT (1/2-13-THD)                 | 1   |      |            |
|      | 8T-4223     | WASHER-HARD (13.5X25.5X3-MM THK) | 2   |      |            |
| 6    | 5B-0546     | SPACER (0.531X1X0.438-IN THK)    | 1   | BC   |            |
| 7    | 3P-2404     | CLIP                             | 1   | BC   |            |
| 8    | 8B-9725     | BOSS                             | 1   | BC   |            |

CAT codes: B, C, E.

111-8009 GAUGE GP-OIL LEVEL (DIPSTICK)

111-8009 GAUGE GP-OIL LEVEL (DIPSTICK) S/N 6NC1-UP; R6J1-UP; 08Z1-UP; 13Z1-UP

Drawing 1 of 1

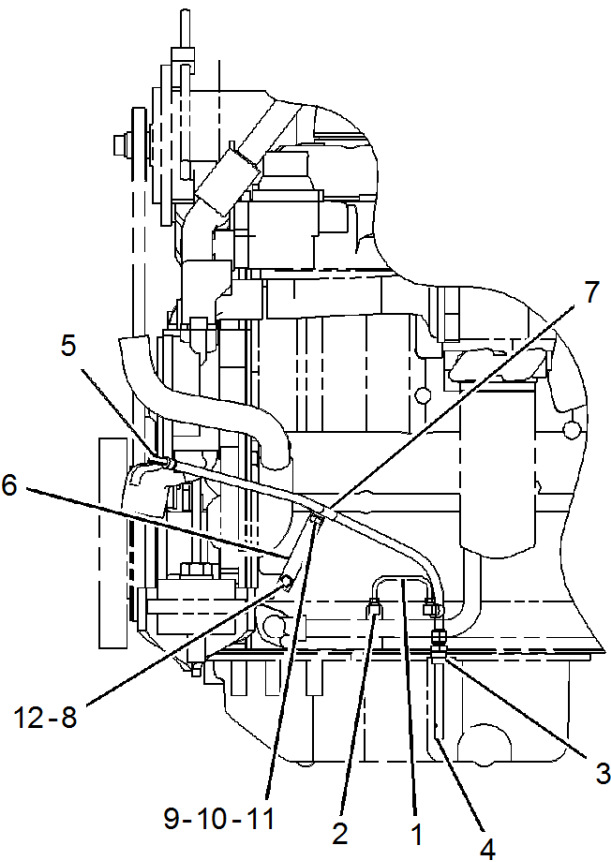


| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 5K-9243     | ELBOW-FLARED                       | 2   |      |            |
| 2    | 2P-2697     | TUBE AS-AIR VENT                   | 1   |      |            |
| 3    | 1W-4321     | GAUGE AS-OIL LEVEL (DIPSTICK)      | 1   |      |            |
| 4    | 1W-4323     | TUBE AS                            | 1   |      |            |
| 5    | 8S-1326     | CONNECTOR AS                       | 1   |      |            |
|      | 5P-4443     | SLEEVE-AIR BRAKE                   | 1   |      |            |
|      | 5P-4448     | NUT-AIR BRAKE                      | 1   |      |            |
| 6    | 2W-7138     | BRACKET                            | 1   |      |            |
| 7    | 4B-0418     | CLIP (LOOP)                        | 1   |      |            |
| 8    | 0S-0509     | BOLT (3/8-16X0.75-IN)              | 1   |      |            |
|      | 9S-8752     | NUT-FULL (3/8-16-THD)              | 1   |      |            |
|      | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 2   |      |            |

137-6342 GAUGE GP-OIL LEVEL (DIPSTICK)

137-6342 GAUGE GP-OIL LEVEL (DIPSTICK) S/N 6NC1-UP; R6J1-UP; 08Z1-UP; 10Z1-UP; 13Z1-UP

Drawing 1 of 1



| Ref. | Part number | Description                    | Qty | Code | Group page |
|------|-------------|--------------------------------|-----|------|------------|
| 1    | 2P-2697     | TUBE AS-AIR VENT               | 1   |      |            |
| 2    | 5K-9243     | ELBOW-FLARED                   | 2   |      |            |
| 3    | 8S-1326     | CONNECTOR AS                   | 1   |      |            |
| 4    | 174-0772    | TUBE AS                        | 1   |      |            |
| 5    | 139-0241    | GAUGE AS-OIL LEVEL (DIPSTICK)  | 1   |      |            |
| 6    | 172-6942    | BRACKET                        | 1   |      |            |
| 7    | 4B-0418     | CLIP (LOOP)                    | 1   |      |            |
| 8    | 5K-0906     | BOLT (5/16-18X0.625-IN)        | 1   |      |            |
| 9    | 8T-4121     | WASHER-HARD (11X21X2.5-MM THK) | 2   |      |            |
| 10   | 8T-4133     | NUT (M10X1.5-THD)              | 1   | M    |            |
| 11   | 8T-4137     | BOLT (M10X1.5X20-MM)           | 1   | M    |            |
| 12   | 8T-4224     | WASHER-HARD (8.8X16X2-MM THK)  | 1   |      |            |

CAT codes: M.

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