

# CATERPILLAR D10N

3SK / SEBP4387

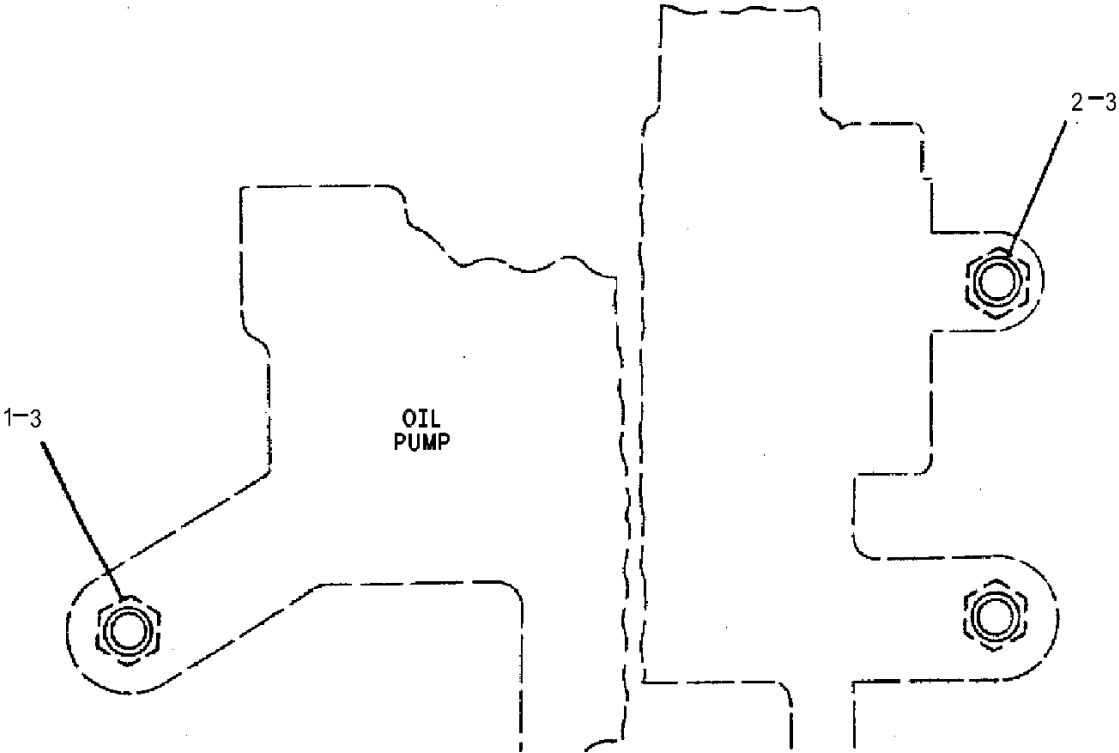
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| Cooling system              |      |
| Air inlet and exhaust       |      |
| Fuel system                 |      |
| Basic engine                |      |
| Basic engine                |      |
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| Power train                 |      |
| Frame, guards and enclosure |      |
| Hydraulic system            |      |
| Air inlet and exhaust       |      |
| Hydraulic system            |      |

4N-2481 FASTENER GP-OIL PUMP MOUNTING -ENGINE

4N-2481 FASTENER GP-OIL PUMP MOUNTING -ENGINE S/N 5JJ3695-UP

Drawing 1 of 1



| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 0L-1143     | BOLT (3/8-16X2.5-IN)               | 2   |      |            |
| 2    | 0S-1590     | BOLT (3/8-16X2-IN)                 | 1   |      |            |
| 3    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 3   |      |            |

175-7864 FILLER GP-ENGINE OIL S/N 5JJ3695-UP

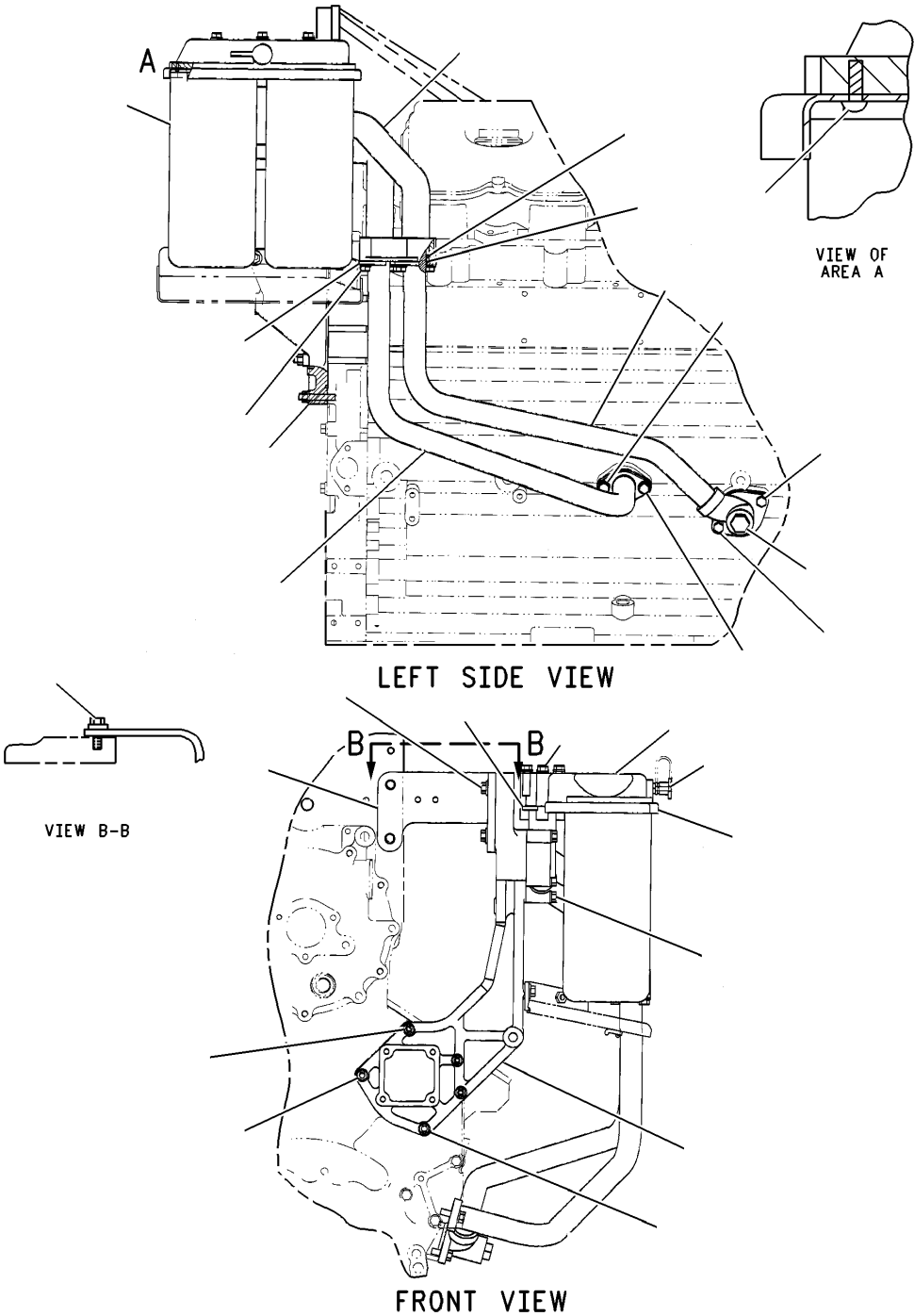
This exploded view diagram illustrates the front wheel assembly (FWD) components. The main frame is shown on the left, with a curved fork extending downwards. The fork is connected to a lower bracket. To the right, a larger triangular plate is shown, which is secured to the frame with several bolts and nuts. Below the fork, a circular disc (likely a brake disc or hub) is shown, along with a larger circular component (likely a hub or flange) that it fits onto. A small arrow in the bottom right corner points to the right and is labeled "FWD".

SEBP4387

172-6511 FILTER GP-ENGINE OIL

172-6511 FILTER GP-ENGINE OIL S/N 5JJ3695-UP

Drawing 1 of 1



| Ref. | Part number | Description                     | Qty | Code | Group page |
|------|-------------|---------------------------------|-----|------|------------|
| 1    | 7W-3447     | SPACER (10.2X19.05X10.2-MM THK) | 3   |      |            |
| 2    | 8C-3445     | CAP-DUST                        | 1   |      |            |
| 3    | 8C-3446     | VALVE-SAMPLING (ENGINE OIL)     | 1   |      |            |
| 4    | 8N-6739     | RING-RETAINING                  | 2   |      |            |
| 5    | 114-3824    | GASKET                          | 1   |      |            |

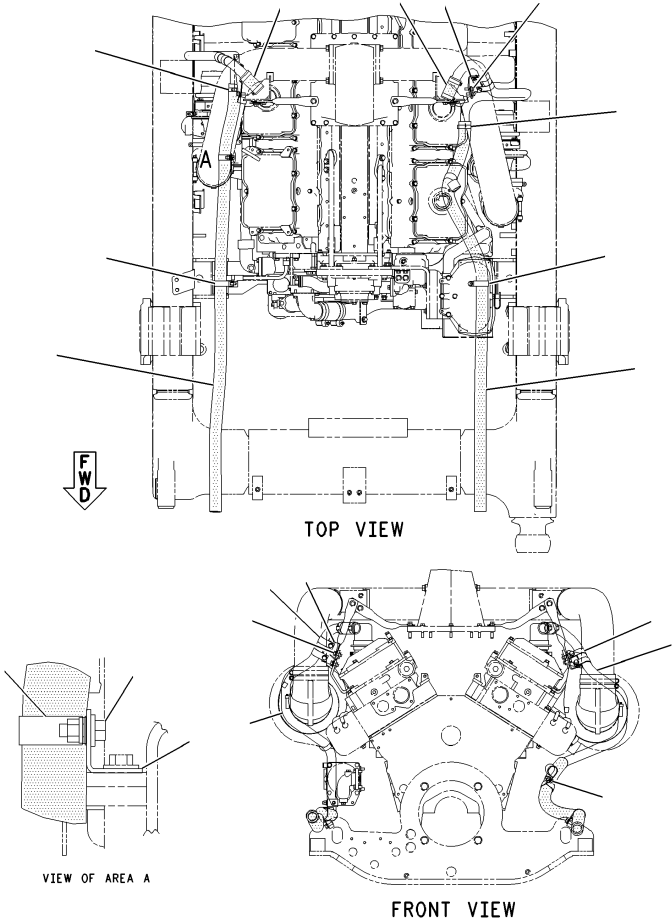
**172-6511 FILTER GP-ENGINE OIL** (continued)

| Ref. | Part number | Description                                | Qty | Code | Group page |
|------|-------------|--------------------------------------------|-----|------|------------|
| 6    | 114-3825    | ELBOW                                      | 1   |      |            |
| 7    | 115-8384    | RETAINER                                   | 4   |      |            |
| 8    | 189-0981    | BASE AS-OIL FILTER                         | 1   |      |            |
|      | 2W-8225     | STUD-TAPERLOCK                             | 2   |      |            |
| 9    | 127-4326    | BRACKET                                    | 1   |      |            |
| 10   | 127-8949    | TUBE AS                                    | 1   |      |            |
| 11   | 127-8950    | TUBE AS                                    | 1   |      |            |
| 12   | 172-6510    | PLATE                                      | 1   |      |            |
| 14   | 061-7540    | SEAL-O-RING                                | 1   |      |            |
| 15   | 0L-1351     | BOLT (3/8-16X0.875-IN)                     | 4   |      |            |
| 16   | 0L-2070     | BOLT (3/8-16X2.25-IN)                      | 4   |      |            |
| 17   | 0S-1585     | BOLT (1/2-13X1.5-IN)                       | 2   |      |            |
| 18   | 0S-1588     | BOLT (3/8-16X1.25-IN)                      | 5   |      |            |
| 19   | 0S-1594     | BOLT (3/8-16X1-IN)                         | 1   |      |            |
| 20   | 0S-1619     | BOLT (3/8-16X3-IN)                         | 4   |      |            |
| 21   | 125-9794    | SEAL-O-RING                                | 1   |      |            |
| 22   | 1A-2029     | BOLT (3/8-16X1.125-IN)                     | 1   |      |            |
| 23   | 1R-0716     | FILTER AS-ENGINE OIL (STANDARD EFFICIENCY) | 2   |      |            |
| 24   | 4B-4161     | SCREW-DRIVE (NO 6X3/8-IN)                  | 6   |      |            |
| 25   | 4B-8641     | STUD (3/8-16X2.24-IN)                      | 1   |      |            |
| 27   | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK)         | 16  |      |            |
| 29   | 5P-8831     | STUD-TAPERLOCK (3/8-16X4.75-IN)            | 3   |      |            |
| 30   | 6V-3830     | SEAL-O-RING                                | 2   |      |            |
| 31   | 6V-4589     | SEAL-O-RING                                | 1   |      |            |
| 32   | 6V-5048     | SEAL-O-RING                                | 1   |      |            |
| 33   | 7D-1649     | WASHER-HARD (13.5X32X5-MM THK)             | 2   |      |            |
| 34   | 8C-5230     | SEAL-O-RING                                | 1   |      |            |
| 35   | 9S-4190     | PLUG-O-RING (7/8-14-THD)                   | 1   |      |            |
| 36   | 9S-8752     | NUT-FULL (3/8-16-THD)                      | 5   |      |            |
| 37   | 9X-6458     | WASHER-HARD (10.2X22.5X3-MM THK)           | 4   |      |            |
| 38   | 117-8301    | SHIELD                                     | 1   |      |            |
| 39   | 170-0610    | STUD (3/8-16-THD)                          | 1   |      |            |
| 40   | 114-9223    | SPACER (11.13X19.05X19-MM THK)             | 1   |      |            |

177-4924 FUMES DISPOSAL GP

177-4924 FUMES DISPOSAL GP S/N 2YD1-UP; 3SK1-UP PART OF 281-0720 CONVERSION GP-AIR INLET & EXH

Drawing 1 of 1



| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 1W-2835     | HOSE (9CM EACH)                  | 2   | E    |            |
| 2    | 9M-2904     | CLAMP-HOSE                       | 6   |      |            |
| 3    | 110-6157    | CLIP                             | 1   |      |            |
| 4    | 177-9429    | TUBE (LH)                        | 1   |      |            |
| 5    | 177-9431    | TUBE AS (RH)                     | 1   |      |            |
| 6    | 205-1336    | BRACKET AS                       | 1   |      |            |
|      | 1F-0750     | NUT-WELD (3/8-16-THD)            | 2   |      |            |
| 7    | 205-1337    | BRACKET AS                       | 1   |      |            |
|      | 1F-0750     | NUT-WELD (3/8-16-THD)            | 2   |      |            |
| 8    | 2S-2053     | CLIP                             | 4   |      |            |
| 9    | 4D-7388     | CLIP                             | 1   |      |            |
| 10   | 4L-6454     | BOLT (3/8-16X1-IN)               | 12  |      |            |
| 11   | 5P-1075     | WASHER-HARD (10.2X22.5X3-MM THK) | 1   |      |            |
| 12   | 5P-2369     | CLIP                             | 4   |      |            |
| 13   | 6V-8801     | NUT (3/8-16-THD)                 | 2   |      |            |

177-4924 FUMES DISPOSAL GP (continued)

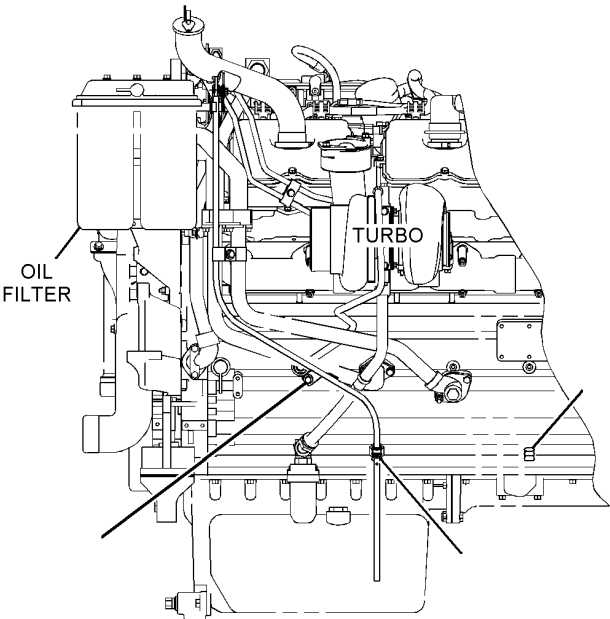
| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 14   | 8T-4896     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 13  |      |            |
| 15   | 5P-1255     | HOSE (170CM)                       |     | E    |            |
| 15A  | 5P-1255     | HOSE (162.5CM)                     |     | E    |            |

CAT codes: E.

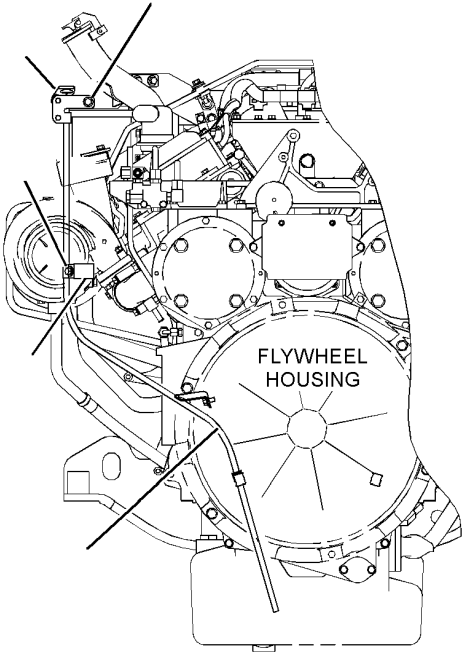
# 175-7865 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE

175-7865 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE S/N 5JJ3695-UP

Drawing 1 of 1



LEFT SIDE VIEW



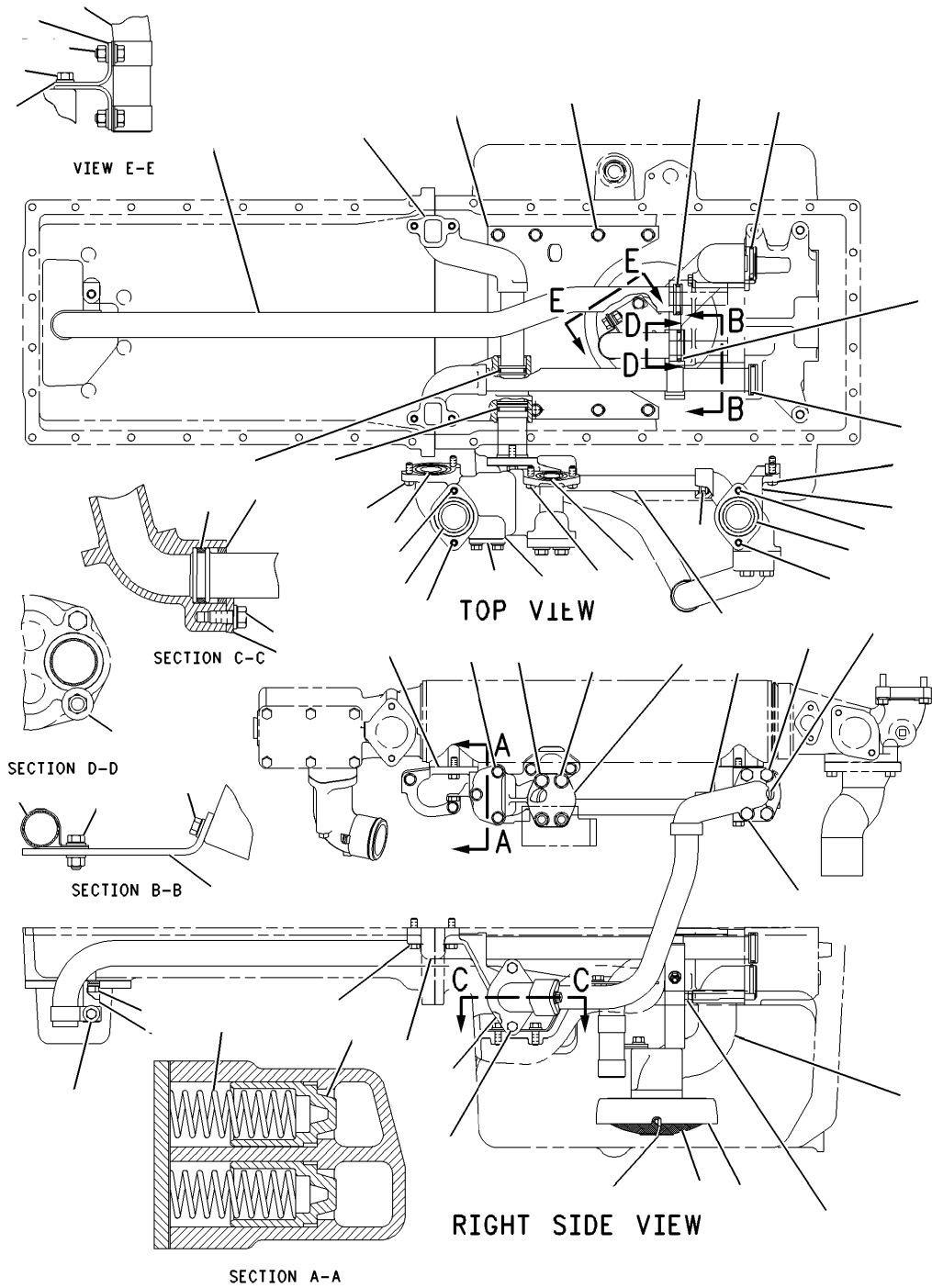
REAR VIEW

| Ref. | Part number | Description                            | Qty | Code | Group page |
|------|-------------|----------------------------------------|-----|------|------------|
| 1    | 165-6170    | PLUG                                   | 3   |      |            |
| 2    | 206-7044    | GAUGE AS-OIL LEVEL (DIPSTICK) (ENGINE) | 1   |      |            |
| 3    | 0S-0509     | BOLT (3/8-16X0.75-IN)                  | 1   |      |            |
| 4    | 0S-1594     | BOLT (3/8-16X1-IN)                     | 2   |      |            |
| 5    | 118-5068    | SEAL-O-RING                            | 1   |      |            |
| 6    | 206-7043    | TUBE AS                                | 1   |      |            |
| 7    | 4D-7388     | CLIP                                   | 1   |      |            |
| 8    | 9S-8752     | NUT-FULL (3/8-16-THD)                  | 1   |      |            |
| 9    | 9X-6458     | WASHER-HARD (10.2X22.5X3-MM THK)       | 4   |      |            |

212-1447 LINES GP-ENGINE OIL

212-1447 LINES GP-ENGINE OIL S/N 5JJ3695-UP

Drawing 1 of 1



| Ref. | Part number | Description                        | Qty | Code | Group page |
|------|-------------|------------------------------------|-----|------|------------|
| 1    | 8N-0612     | TUBE AS                            | 1   |      |            |
| 2    | 7N-6252     | TUBE AS (LH)                       | 1   |      |            |
| 3    | 7C-4938     | PLATE-FRONT PAN                    | 1   |      |            |
| 4    | 0S-1594     | BOLT (3/8-16X1-IN)                 | 21  |      |            |
| 5    | 5M-2894     | WASHER-HARD (10.2X18.5X2.5-MM THK) | 21  |      |            |

## 212-1447 LINES GP-ENGINE OIL (continued)

| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 6    | 5P-8068     | SEAL-O-RING                      | 5   |      |            |
| 7    | 8J-4351     | SEAL-O-RING                      | 1   |      |            |
| 8    | 9L-9132     | WASHER (10.2X25.5X2.5-MM THK)    | 3   |      |            |
| 9    | 8S-9191     | BOLT (3/8-16X4-IN)               | 2   |      |            |
| 10   | 0L-1351     | BOLT (3/8-16X0.875-IN)           | 3   |      |            |
| 11   | 9S-8752     | NUT-FULL (3/8-16-THD)            | 4   |      |            |
| 12   | 2L-2685     | CLIP                             | 2   |      |            |
| 13   | 7N-9212     | TUBE AS                          | 1   |      |            |
| 14   | 9F-6304     | SPRING                           | 2   |      |            |
| 15   | 1P-1367     | PLUNGER (RELIEF VALVE)           | 2   |      |            |
| 16   | 4N-8770     | ELBOW-COOLER OUTLET              | 1   |      |            |
| 17   | 0T-0065     | BOLT (3/8-16X3.5-IN)             | 1   |      |            |
| 18   | 109-0076    | SEAL-O-RING                      | 3   |      |            |
| 19   | 0S-1608     | BOLT (3/8-16X3.75-IN)            | 2   |      |            |
| 20   | 5P-9890     | SEAL-O-RING                      | 2   |      |            |
| 21   | 4N-8411     | TUBE-COOLER BYPASS               | 1   |      |            |
| 22   | 4N-0865     | GASKET                           | 1   |      |            |
| 23   | 4N-0861     | COVER                            | 1   |      |            |
| 24   | 0L-2070     | BOLT (3/8-16X2.25-IN)            | 1   |      |            |
| 25   | 2S-2053     | CLIP                             | 1   |      |            |
| 26   | 1W-1116     | BODY-BYPASS                      | 1   |      |            |
| 27   | 4F-8965     | BOLT (7/16-14X1.125-IN)          | 2   |      |            |
| 28   | 5P-8244     | WASHER-HARD (12X22.5X2.5-MM THK) | 2   |      |            |
| 29   | 5H-2068     | COVER                            | 1   |      |            |
| 30   | 205-7843    | TUBE AS                          | 1   |      |            |
| 31   | 0T-0768     | BOLT (7/16-14X1.75-IN)           | 3   |      |            |
| 32   | 061-7540    | SEAL-O-RING                      | 2   |      |            |
| 33   | 1D-4556     | BOLT (7/16-14X2.75-IN)           | 1   |      |            |
| 34   | 6V-3830     | SEAL-O-RING                      | 2   |      |            |
| 35   | 8N-6739     | RING-RETAINING                   | 1   |      |            |
| 36   | 8N-6740     | RETAINER                         | 1   |      |            |
| 37   | 8N-0396     | SUPPORT                          | 1   |      |            |
| 38   | 0S-1591     | BOLT (3/8-16X1.5-IN)             | 4   |      |            |
| 39   | 8N-0397     | PIPE AS                          | 1   |      |            |
| 40   | 8N-2104     | BELL AS-SUCTION                  | 1   |      |            |
|      | 1F-0750     | NUT-WELD (3/8-16-THD)            | 2   |      |            |

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