

# CATERPILLAR 345B L

5WS / SEBP7104

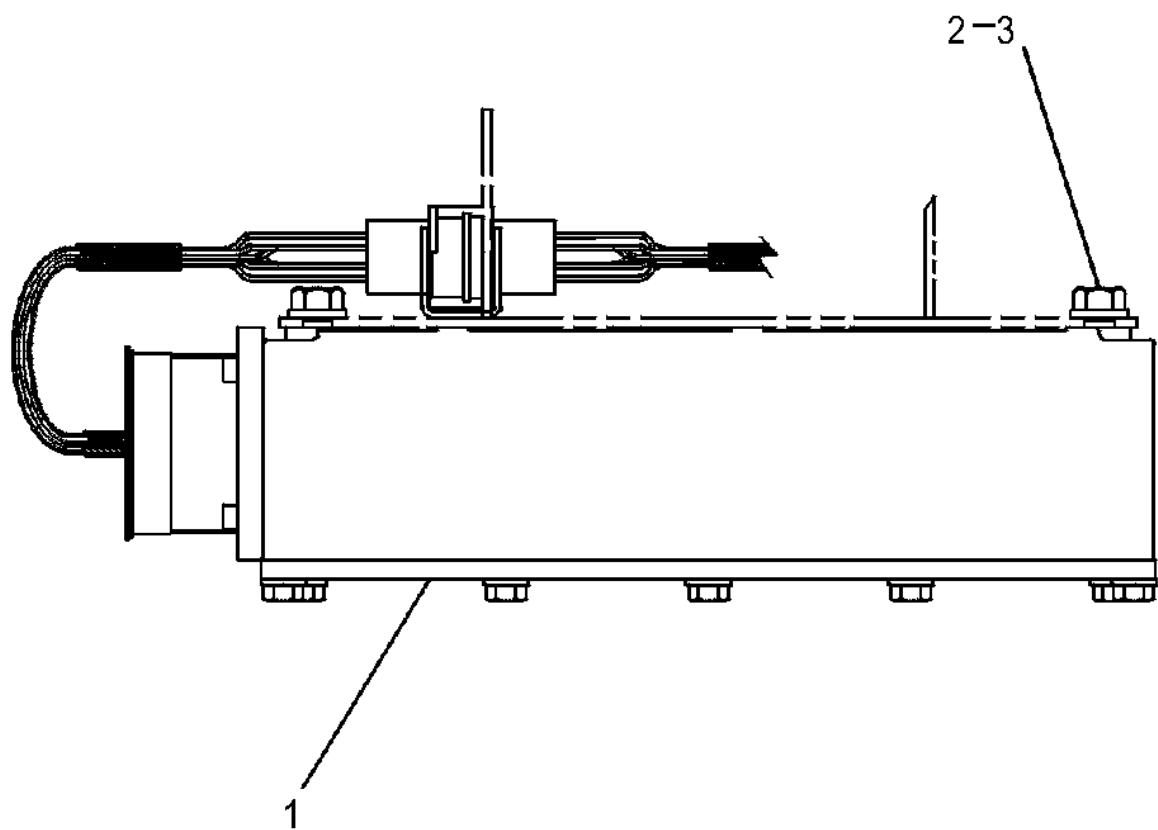
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| Basic engine                       |      |
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104-7995 BASE GP-OIL FILTER

104-7995 BASE GP-OIL FILTER S/N 7ZR1-UP PART OF 185-8764 FILTER GP-ENGINE OIL

Drawing 1 of 1



| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 1    | 2P-4304     | STUD-HOLLOW | 1   |      |            |

166-1329 BASE GP-OIL FILTER -ENGINE

166-1329 BASE GP-OIL FILTER -ENGINE S/N 7ZR1-UP PART OF 144-6648, 185-8764 FILTER GP-ENGINE OIL

Drawing unavailable in the current source. The parts list is preserved below.

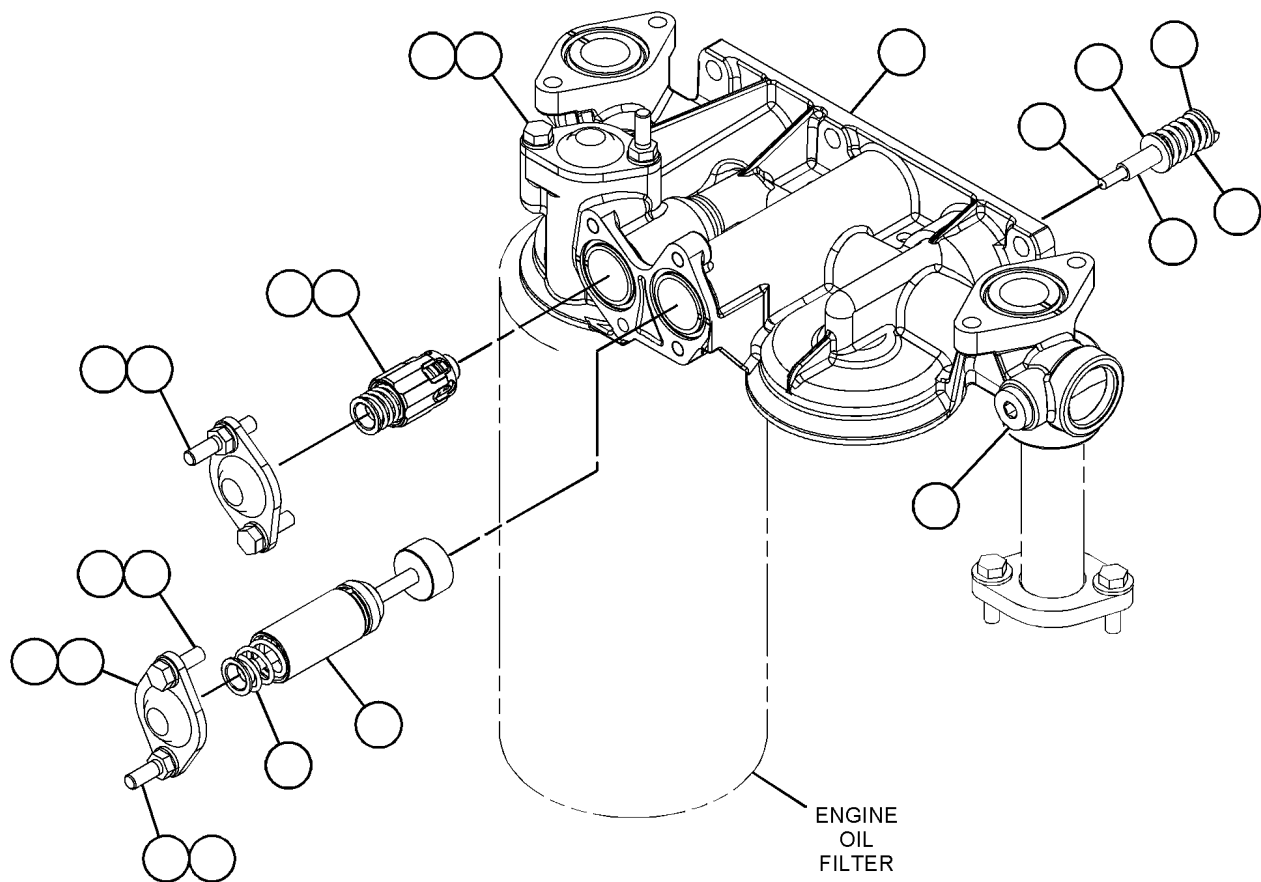
| Ref.            | Part number | Description                           | Qty | Code | Group page |
|-----------------|-------------|---------------------------------------|-----|------|------------|
| 1               | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK)         | 6   |      |            |
| 2               | 166-1328    | BASE AS                               | 1   |      |            |
| 2A              | 2P-4304     | STUD-HOLLOW                           | 1   |      |            |
| 2B              | 3B-0623     | PLUG-CUP                              | 1   |      |            |
| 2C              | 3P-1896     | PLUG-CUP (35.31-MM OD)                | 2   |      |            |
| 2D              | 7W-6390     | STUD-FILTER BASE                      | 1   |      |            |
| 3               | 6V-4367     | SEAL-O-RING                           | 3   |      |            |
| 4               | 6V-3940     | BOLT (M8X1.25X25-MM)                  | 3   | M    |            |
| 5               | 7C-2891     | COVER                                 | 3   |      |            |
| 6               | 7C-3954     | SPRING AS                             | 1   |      |            |
| 6A              | 2N-6005     | SPRING                                | 1   |      |            |
| 7               | 111-2645    | VALVE-PUMP BYPASS (ENGINE OIL FILTER) | 1   |      |            |
| 8               | 6V-8359     | BOLT (M6X1X70-MM)                     | 1   | M    |            |
| 9               | 7C-3083     | SEAT-RELIEF VALVE SPRING              | 1   |      |            |
| 10              | 7C-3082     | RETAINER                              | 1   |      |            |
| 11              | 7C-3081     | SPACER (6.88X9.53X50-MM THK)          | 1   |      |            |
| 12              | 1A-2170     | SPRING-RETAINER                       | 1   |      |            |
| 13              | 392-9208    | PLUNGER-VALVE (RELIEF)                | 2   | C    |            |
| 14              | 288-3803    | SPRING AS                             | 2   |      |            |
| (EACH INCLUDES) |             |                                       |     |      |            |
| 14A             | 4N-8150     | SPRING                                | 1   |      |            |
| 15              | 398-5596    | PLUG AS                               | 1   | C    |            |
|                 | 238-5080    | SEAL-O-RING                           | 1   |      |            |
|                 | 360-3680    | PLUG                                  | 1   |      |            |
| 17              | 9X-2097     | STUD (M8X1.25-THD)                    | 3   | M    |            |

CAT codes: C, M.

532-8902 BASE GP-OIL FILTER

532-8902 BASE GP-OIL FILTER S/N 7ZR1-UP PART OF 185-8764 FILTER GP-ENGINE OIL

Drawing 1 of 1



| Ref. | Part number | Description                           | Qty | Code | Group page |
|------|-------------|---------------------------------------|-----|------|------------|
| 1    | 7C-2891     | COVER                                 | 3   |      |            |
| 2    | 7C-3081     | SPACER (6.88X9.53X50-MM THK)          | 1   |      |            |
| 3    | 7C-3082     | RETAINER                              | 1   |      |            |
| 4    | 7C-3083     | SEAT-RELIEF VALVE SPRING              | 1   |      |            |
| 5    | 7C-3954     | SPRING AS                             | 1   |      |            |
| 6    | 111-2645    | VALVE-PUMP BYPASS (ENGINE OIL FILTER) | 1   |      |            |
| 7    | 166-1328    | BASE AS                               | 1   |      |            |
|      | 2P-4304     | STUD-HOLLOW                           | 1   |      |            |
|      | 3B-0623     | PLUG-CUP                              | 1   |      |            |
|      | 3P-1896     | PLUG-CUP (35.31-MM OD)                | 2   |      |            |
|      | 7W-6390     | STUD-FILTER BASE                      | 1   |      |            |
| 8    | 288-3803    | SPRING AS                             | 2   |      |            |
| 9    | 392-9208    | PLUNGER-VALVE (RELIEF)                | 2   |      |            |
| 10   | 398-5596    | PLUG AS                               | 1   |      |            |
|      | 238-5080    | SEAL-O-RING                           | 1   |      |            |

532-8902 BASE GP-OIL FILTER (continued)

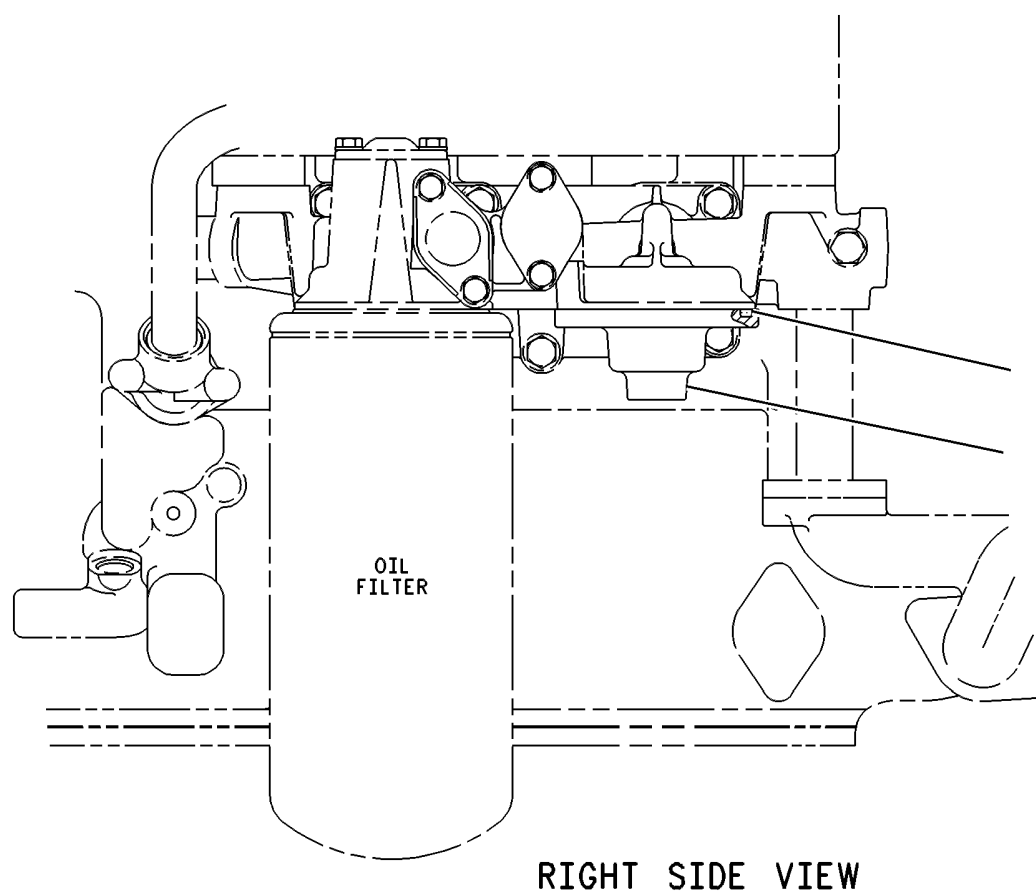
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
|      | 360-3680    | PLUG                          | 1   |      |            |
| 11   | 368-3986    | SPRING                        | 1   |      |            |
| 12   | 6V-3940     | BOLT (M8X1.25X25-MM)          | 3   | M    |            |
| 13   | 6V-4367     | SEAL-O-RING                   | 3   |      |            |
| 14   | 6V-8359     | BOLT (M6X1X70-MM)             | 1   | M    |            |
| 15   | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 6   |      |            |
| 16   | 9X-2097     | STUD (M8X1.25-THD)            | 3   | M    |            |

CAT codes: M.

117-2786 COVER GP-OIL FILTER BASE

117-2786 COVER GP-OIL FILTER BASE S/N 7ZR1-UP FOR USE WITH 115-2985, ENGINE OIL FILTER BASE WHEN NO BYPASS FILTER IS USED

Drawing 1 of 1

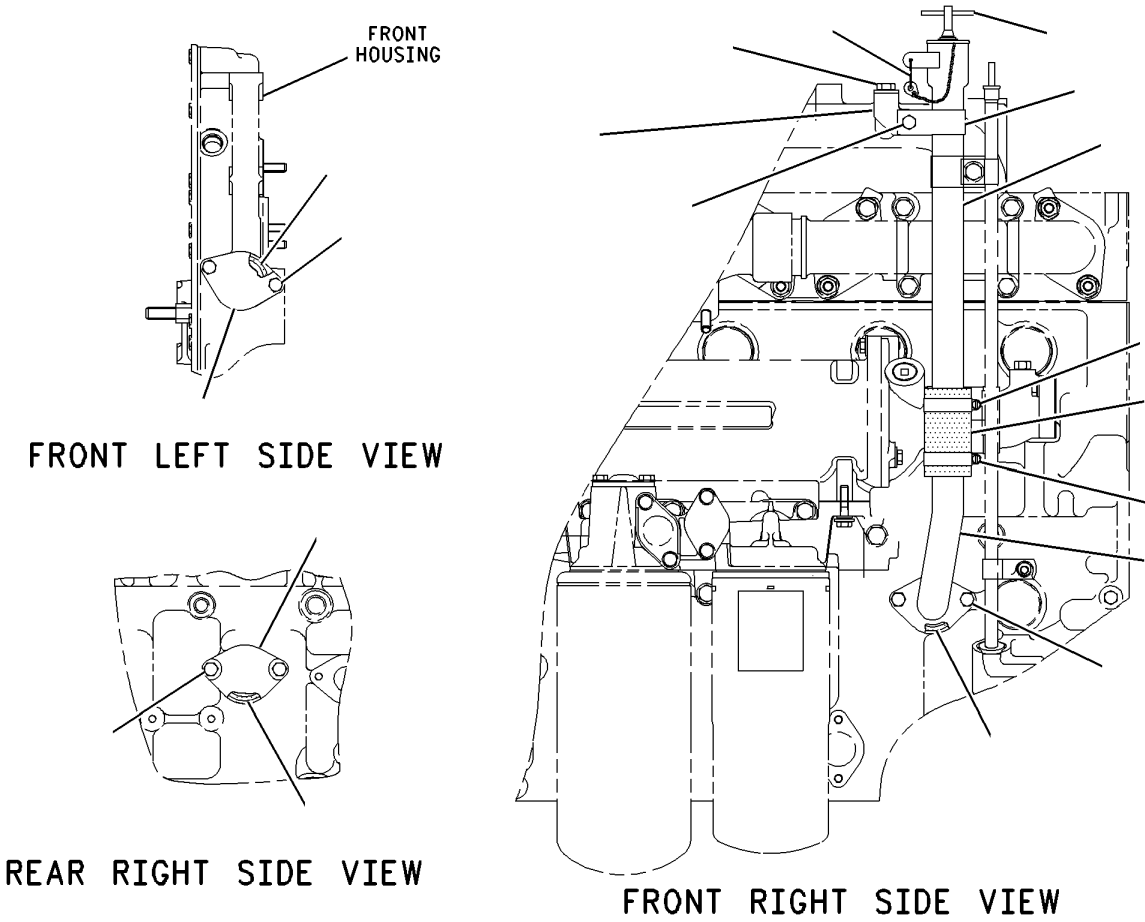


| Ref. | Part number | Description       | Qty | Code | Group page |
|------|-------------|-------------------|-----|------|------------|
| 1    | 7C-9542     | COVER-FILTER BASE | 1   |      |            |
| 2    | 5S-9134     | SEAL-O-RING       | 1   |      |            |

133-7003 FILLER GP-ENGINE OIL

133-7003 FILLER GP-ENGINE OIL S/N 7ZR1-UP

Drawing 1 of 1



| Ref. | Part number | Description                      | Qty | Code | Group page |
|------|-------------|----------------------------------|-----|------|------------|
| 1    | 3F-6156     | HOOK                             | 1   |      |            |
| 2    | 7C-1445     | COVER                            | 2   |      |            |
| 3    | 163-9361    | CAP AS-ENGINE OIL FILLER         | 1   |      |            |
| 4    | 175-7356    | TUBE AS                          | 1   | C    |            |
| 5    | 061-9455    | SEAL-O-RING                      | 3   |      |            |
| 6    | 138-2578    | TUBE AS-OIL FILLER               | 1   |      |            |
| 7    | 8T-4223     | WASHER-HARD (13.5X25.5X3-MM THK) | 2   | C    |            |
| 8    | 3E-4353     | WASHER-HARD (11X25X3-MM THK)     | 1   |      |            |
| 9    | 5P-6412     | HOSE (8.89CM)                    |     | E    |            |
| 10   | 8T-4244     | NUT (M12X1.75-THD)               | 1   | M    |            |
| 11   | 6V-1820     | BOLT (M10X1.5X30-MM)             | 1   | M    |            |
| 12   | 6V-3940     | BOLT (M8X1.25X25-MM)             | 2   | CM   |            |
| 13   | 6V-5217     | BOLT (M8X1.25X20-MM)             | 4   | CM   |            |
| 14   | 5N-2840     | CLIP                             | 1   |      |            |
| 15   | 7C-5714     | BRACKET                          | 1   |      |            |

133-7003 FILLER GP-ENGINE OIL (continued)

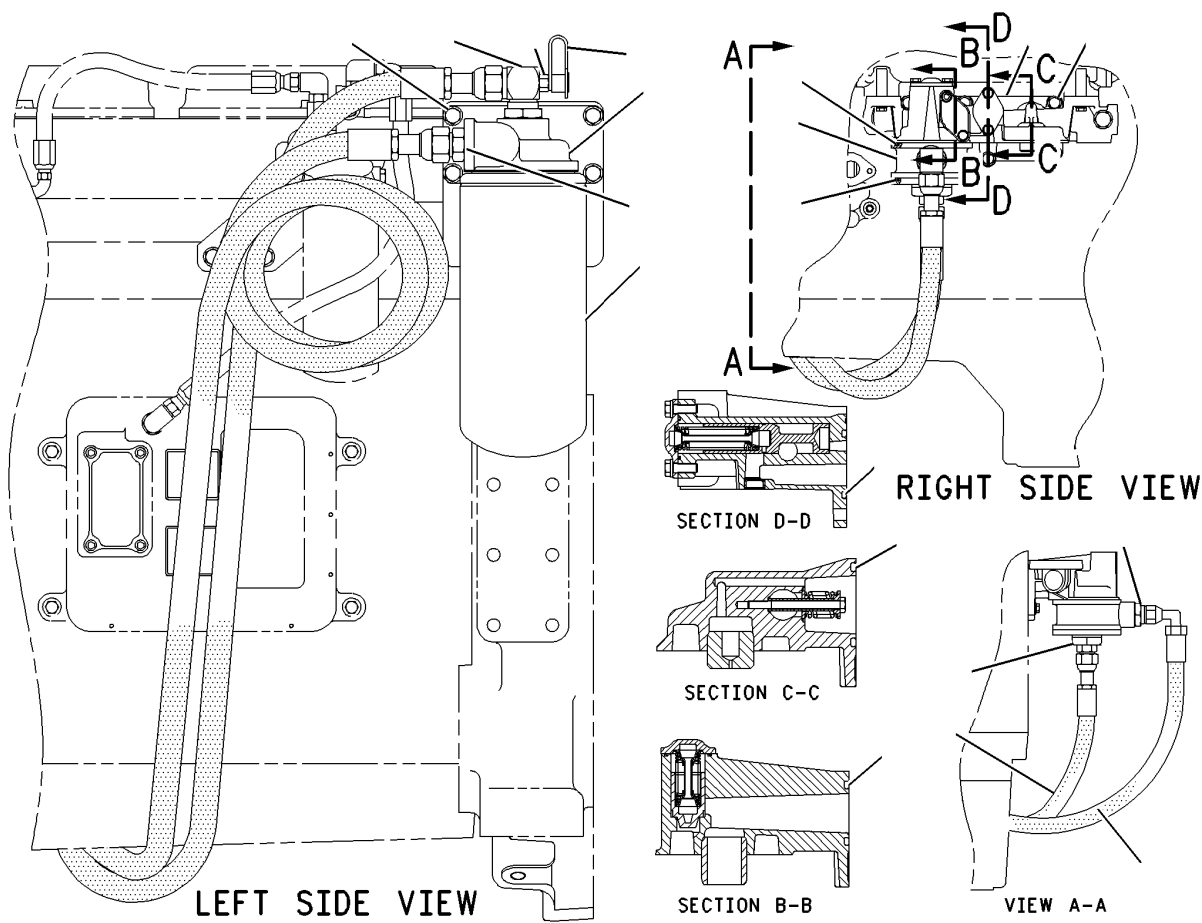
| Ref. | Part number | Description                   | Qty | Code | Group page |
|------|-------------|-------------------------------|-----|------|------------|
| 16   | 9M-1974     | WASHER-HARD (8.8X16X2-MM THK) | 6   | C    |            |
| 17   | 9M-2904     | CLAMP-HOSE                    | 2   |      |            |
| 18   | 8T-4139     | BOLT (M12X1.75X30-MM)         | 1   | M    |            |

CAT codes: C, E, M.

144-6648 FILTER GP-ENGINE OIL

144-6648 FILTER GP-ENGINE OIL S/N 7ZR1-UP

Drawing 1 of 1



| Ref. | Part number | Description                                | Qty | Code | Group |
|------|-------------|--------------------------------------------|-----|------|-------|
|      |             |                                            | .   |      | page  |
| 1    | 1R-0716     | FILTER AS-ENGINE OIL (STANDARD EFFICIENCY) | 1   |      |       |
| 2    | 104-7995    | BASE GP-OIL FILTER                         | 1   |      |       |
| 3    | 030-7935    | CONNECTOR                                  | 1   |      |       |
| 4    | 8C-3446     | VALVE-SAMPLING                             | 1   |      |       |
| 5    | 3J-7354     | SEAL-O-RING                                | 1   |      |       |
| 6    | 144-6650    | ELBOW                                      | 1   |      |       |
| 7    | 5P-7701     | SEAL-O-RING                                | 4   |      |       |
| 9    | 144-0119    | HOSE AS                                    | 1   | I    |       |
| 10   | 102-5828    | COVER                                      | 1   |      |       |
| 11   | 102-5829    | ADAPTER                                    | 1   |      |       |
| 12   | 6V-3908     | SEAL-O-RING                                | 2   |      |       |
| 13   | 166-1329    | BASE GP-OIL FILTER (ENGINE)                | 1   | CY   |       |
| 14   | 134-5245    | BOLT (M10X1.5X30-MM)                       | 6   | M    |       |
| 15   | 6V-5839     | WASHER (11X21X2.5-MM THK)                  | 6   |      |       |
| 16   | 8C-5230     | SEAL-O-RING                                | 1   |      |       |

144-6648 FILTER GP-ENGINE OIL (continued)

| Ref. | Part number | Description | Qty | Code | Group page |
|------|-------------|-------------|-----|------|------------|
| 17   | 6V-3831     | SEAL-O-RING | 2   |      |            |
| 18   | 8C-3445     | CAP-DUST    | 1   |      |            |
| 19   | 6V-8635     | CONNECTOR   | 2   |      |            |
| 20   | 106-9586    | SEAL-O-RING | 2   |      |            |
| 21   | 148-2104    | HOSE AS     | 1   | I    |            |

CAT codes: C, I, M, Y.

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