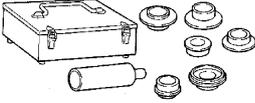
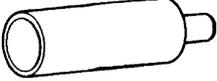


# LUBRICATION

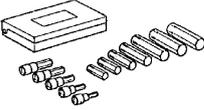
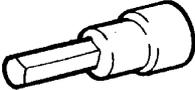
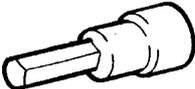
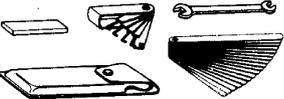
## PREPARATION

### SST

023EQ-01

|   |               |  |                     |
|---|---------------|--|---------------------|
|  | 09032-00100   | Oil Pan Seal Cutter                      | OIL PUMP ASSY       |
|  | 09228-07501   | Oil Filter Wrench                        | OIL FILTER SUB-ASSY |
|  | 09316-60011   | Transmission & Transfer Bearing Replacer | OIL PUMP ASSY       |
|  | (09316-00011) | Replacer Pipe                            | OIL PUMP ASSY       |

### Recommended Tools

|   |               |                          |               |
|---|---------------|--------------------------|---------------|
|   | 09040-00011   | Hexagon Wrench Set       | OIL PUMP ASSY |
|  | (09043-20100) | Socket Hexagon Wrench 10 | OIL PUMP ASSY |
|  | (09043-20100) | Socket Hexagon Wrench 10 | OIL PUMP ASSY |
|  | 09200-00010   | Engine Adjust Kit        | OIL PUMP ASSY |

### Equipment

|                    |          |
|--------------------|----------|
| Oil pressure gauge |          |
| Straight edge      | Oil pump |
| Torque wrench      |          |

### SSM

|  |             |   |               |
|--|-------------|---|---------------|
|  | 08826-00080 | Seal Packing Black or equivalent (FIPG) | OIL PUMP ASSY |
|--|-------------|---|---------------|

**Lubricant**

| Item                                | Capacity                              | Classification  |
|-------------------------------------|---------------------------------------|---|
| Oil grade                           | -                                     | API grade SJ, Energy-Conserving or ILSAC multi-grade engine oil |
| w/ oil cooler:<br>Drain and refill  |                                       |   |
| w/ oil filter change                | 4.6 liters (4.9 US qts, 4.0 Imp. qts) | -   |
| w/o oil filter change               | 4.3 liters (4.5 US qts, 4.0 Imp. qts) |   |
| w/ oil cooler:<br>Dry fill          | 6.2 liters (6.6 US qts, 5.5 Imp. qts) | -   |
| w/o oil cooler:<br>Drain and refill |                                       |   |
| w/ oil filter change                | 4.5 liters (4.8 US qts, 4.0 Imp. qts) | -   |
| w/o oil filter change               | 4.2 liters (4.4 US qts, 3.7 Imp. qts) |   |
| w/o oil cooler:<br>Dry fill         | 6.1 liters (6.4 US qts, 5.4 Imp. qts) | -   |