

# LUBRICATION SYSTEM

## ON-VEHICLE INSPECTION

### 1. CHECK ENGINE OIL LEVEL

- (a) After warm up the engine and then 5 minutes after the engine stop, oil level should be between the low level and full level marks of the dipstick. If low, check for leakage and add oil up to the full level mark.

**NOTICE:**

**Do not fill with engine oil above the full level mark.**

### 2. CHECK ENGINE OIL QUALITY

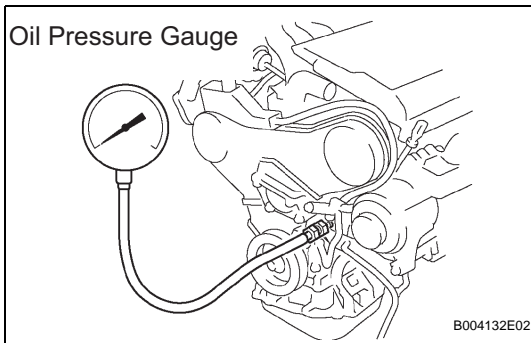
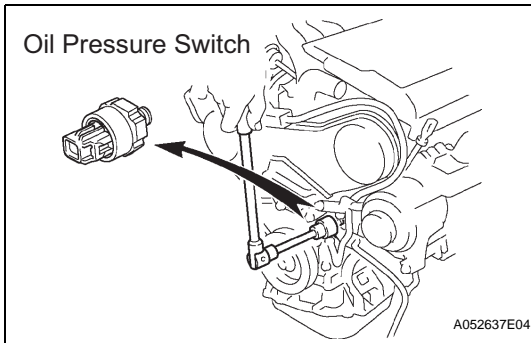
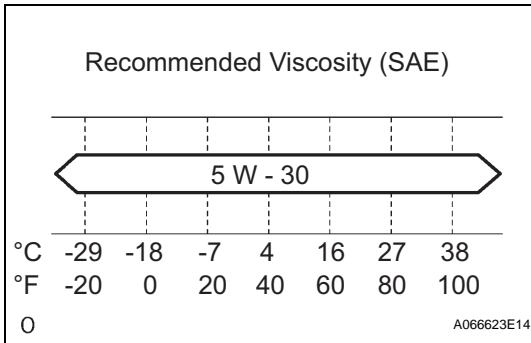
- (a) Check the oil for deterioration, entry of water, discoloring or thinning. If the quality is visibly poor, replace the oil.

**Oil grade:**

**ILSAC multigrade engine oil. Recommended viscosity is as shown in the illustration.**

### 3. REMOVE OIL PRESSURE SWITCH ASSEMBLY

- (a) Disconnect the oil pressure switch connector.
- (b) Using a 24 mm deep socket wrench, remove the oil pressure switch.



### 4. INSTALL OIL PRESSURE GAUGE

- (a) Install the oil pressure gauge.

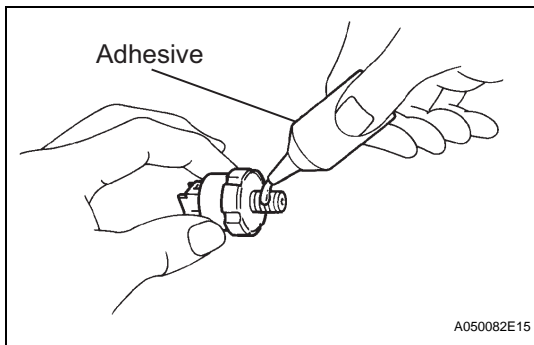
### 5. WARM UP ENGINE

### 6. CHECK OIL PRESSURE

#### Oil pressure

| Item         | Oil Pressure   |
|--------------|--|
| At Idle      | 29 kPa (0.3 kgf/cm <sup>2</sup> , 4.3 psi) or more             |
| At 3,000 rpm | 245 to 539 kPa (2.5 to 5.5 kgf/cm <sup>2</sup> , 36 to 78 psi) |

### 7. REMOVE OIL PRESSURE GAUGE

**8. INSTALL OIL PRESSURE SWITCH ASSEMBLY**

- (a) Apply adhesive to 2 or 3 threads of the oil pressure switch.

**Adhesive:**

**Part No. 08833-00080, THREE BOND 1344,  
LOCTITE 242 or equivalent**

- (b) Using a 24 mm deep socket wrench, install the oil pressure switch.

**Torque: 15 N\*m (153 kgf\*cm, 11 ft.\*lbf)**

**NOTICE:**

**Do not start the engine within 1 hour of installation.**

- (c) Connect the oil pressure switch connector.

**9. START ENGINE AND CHECK FOR LEAKS**