

## OIL AND FILTER INSPECTION

LU008-01

### 1. CHECK ENGINE OIL QUALITY

- Check the oil for deterioration, water mixing, discoloring or thinning.
- If the oil quality is visibly poor, replace it.

#### Oil grade:

ILSAC multigrade engine oil.

**SAE 5W-30 is the best choice for good fuel economy, and good starting in cold weather.**

**If SAE 5W-30 is not available, SAE 10W-30 may be used. However, it should be replaced with SAE 5W-30 at the next oil replacement.**

### 2. CHECK ENGINE OIL LEVEL

Check the engine oil level 5 minutes or more after the engine has stopped.

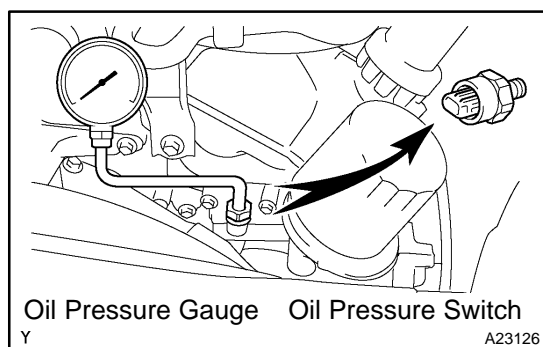
If the engine is too hot, a false level will be read. The oil level should be between the low and full level marks of the dipstick. If it is below the low level mark, check for leakage and add oil up to the full level mark.

#### NOTICE:

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

### 3. REMOVE OIL PRESSURE SWITCH ASSY

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



### 4. INSTALL OIL PRESSURE GAUGE

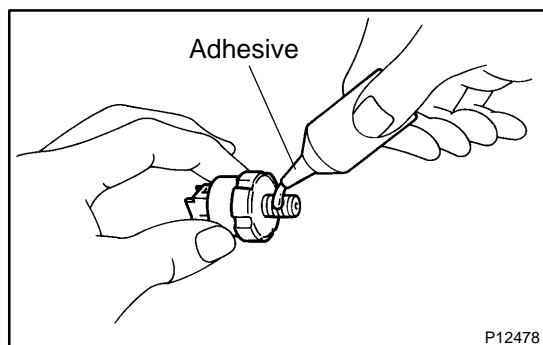
- Install the oil pressure gauge.

### 5. WARM UP ENGINE

### 6. CHECK OIL PRESSURE

#### Oil pressure:

At idle	29 kPa (0.3 kgf-cm <sup>2</sup> , 4.3 psi) or more
At 3,000 rpm	294 to 588 kPa (3.0 to 6.0 kgf-cm <sup>2</sup> , 43 to 85 psi)



### 7. INSTALL OIL PRESSURE SWITCH

- Remove the oil pressure gauge.
- Apply adhesive to 2 or 3 threads of the oil pressure switch.

#### Adhesive:

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

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

**Torque: 15 N·m (152 kgf·cm, 11 ft·lbf)**

HINT:

**Do not start the engine for 1 hour after installation.**

- (d) Connect the oil pressure switch connector.

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