

## OIL AND FILTER INSPECTION

LU05G-07

### 1. CHECK OIL QUALITY

Check the oil for deterioration, entry of water, discoloring or thinning.

If oil quality is visibly poor, replace the oil.

#### Oil grade:

**API grade SH, Energy-Conserving II or SJ, Energy-Conserving ILSAC multigrade engine oil. Recommended viscosity is as shown in the illustration.**

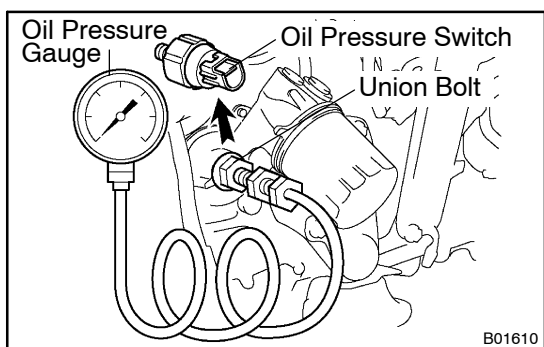
### 2. CHECK ENGINE OIL LEVEL

After warming 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 F mark.**



### 3. CHECK OIL PRESSURE

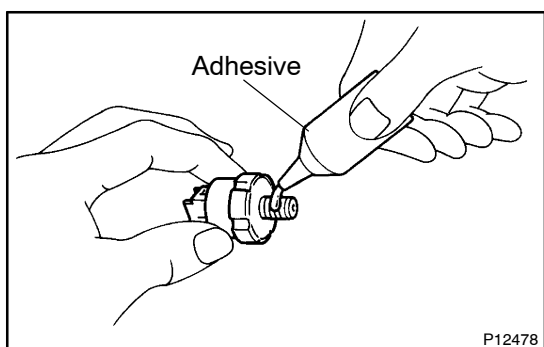
- Disconnect the oil pressure switch connector.
- Using SST, remove the oil pressure switch.  
SST 09816-30010
- Install an oil pressure gauge.
- Warm up the engine.
- Measure the oil pressure.

#### Standard:

Engine speed	Oil pressure
Idle	49 kPa (0.5 kgf/cm <sup>2</sup> , 7 psi) or more
3,000 rpm	324 kPa (3.3 kgf/cm <sup>2</sup> , 47 psi) or more

- Remove the oil pressure gauge.
- Tighten the union bolt.

**Torque: 90 N·m (900 kgf·cm, 66 ft·lbf)**



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

#### Adhesive:

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

- Using SST, reinstall the oil pressure switch.  
SST 09816-30010
- Torque: 15 N·m (150 kgf·cm, 11 ft·lbf)**
- Reconnect the oil pressure switch connector.

### 4. CHECK ENGINE OIL LEAK