

# OIL AND FILTER INSPECTION

LU0JB-01

## 1. CHECK ENGINE OIL QUALITY

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

If the quality is visibly poor, replace the oil.

### Oil grade:

**API grade or SJ, Energy-Conserving or ILSAC multi-grade engine oil is recommended. SAE 5W-30 is the best choice for your vehicle, for good fuel economy, and good starting in cold weather.**

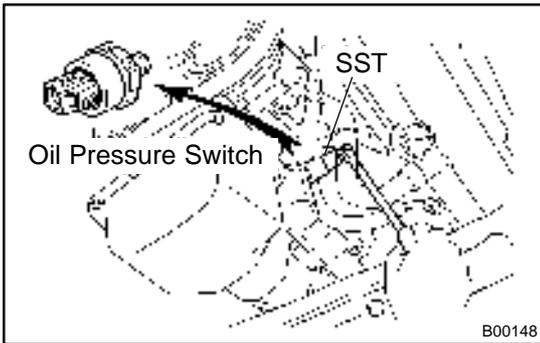
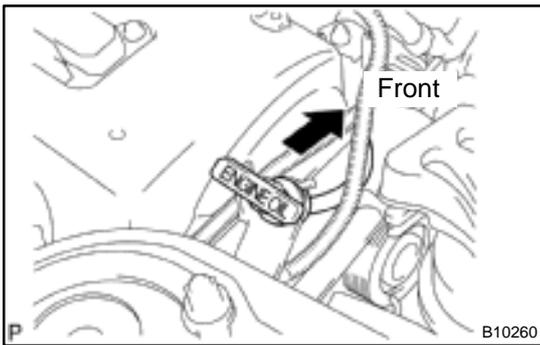
## 2. CHECK ENGINE OIL LEVEL

After warming up the engine and then 5 minutes after the engine stop, oil level should be between the "L" and "F" marks on the dipstick.

If low, check for leakage and add oil up to the "F" mark.

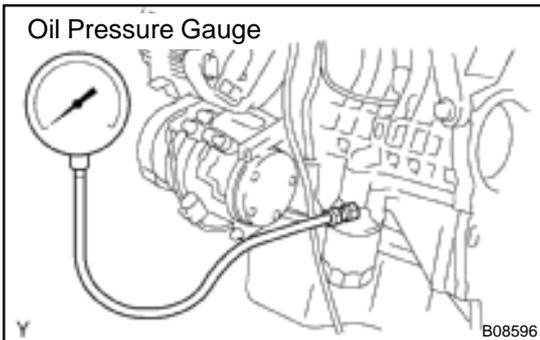
### NOTICE:

- Do not fill with engine oil above the "F" mark.
- Install the oil dipstick facing the direction shown in the illustration.



## 3. REMOVE OIL PRESSURE SWITCH, AND INSTALL OIL PRESSURE GAUGE

- (a) Using SST, remove the oil pressure switch.  
SST 09816-30010



- (b) Install the oil pressure gauge.

## 4. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.

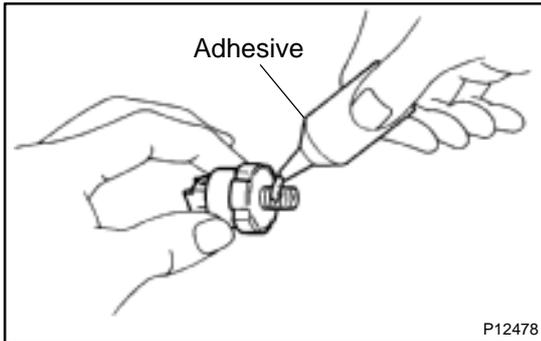
## 5. CHECK OIL PRESSURE

### Oil pressure:

At idle	29 kPa (0.3 kgf/cm <sup>2</sup> , 4.3 psi) or more
At 3,000 rpm	294 – 539 kPa (3.0 – 5.5 kgf/cm <sup>2</sup> , 43 – 78 psi) or more

## 6. REMOVE OIL PRESSURE GAUGE AND REINSTALL OIL PRESSURE SWITCH

- (a) Remove the oil pressure gauge.



- (b) 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 SST, install the oil pressure switch.  
SST 09816-30010  
**Torque: 13 N·m (130 kgf-cm, 9 ft-lbf)**
- 7. START ENGINE AND CHECK FOR LEAKS**