

OIL AND FILTER INSPECTION

LU05G-06

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

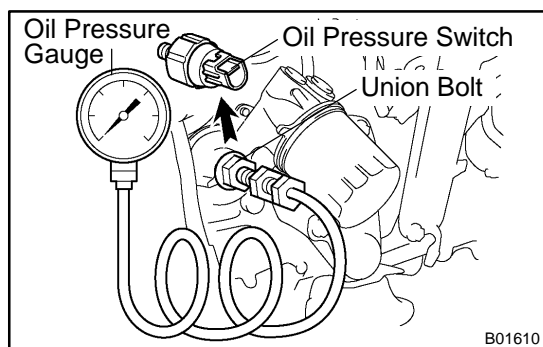
2. CHECK ENGINE OIL LEVEL

After warming up the engine and then 5 minutes after the engine stop, oil level should be between the 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. REMOVE OIL PRESSURE SWITCH, AND INSTALL OIL PRESSURE GAUGE

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

4. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.

5. CHECK OIL PRESSURE

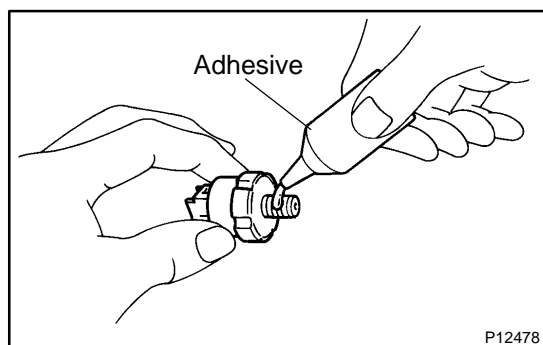
Oil pressure:

At idle	49 kPa (0.5 kgf/cm ² , 7 psi) or more
At 3,000 rpm	324 kPa (3.3 kgf/cm ² , 47 psi) or more

6. REMOVE OIL PRESSURE GAUGE AND REINSTALL OIL PRESSURE SWITCH

- 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, install the oil pressure switch.
SST 09816-30010

Torque: 15 N·m (150 kgf-cm, 11 ft-lbf)

- Connect the oil pressure switch connector.

7. START ENGINE AND CHECK FOR LEAKS