



OIL AND FILTER INSPECTION

LU02K-03

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 SH Energy-conserving II or SJ, Energy-Conserving or ILSAC multigrade engine oil. Recommended viscosity is as shown in the illustration. If SAE 10W-30 or a higher viscosity engine oil is used in extremely low temperatures, the engine may become difficult to start, so SAE 5W-30 engine oil is recommended.

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.

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 speed

29 kPa (0.3 kgf/cm², 4.3 psi) or more

At 3,000 rpm

150 - 550 kPa (1.5 - 5.6 kgf/cm², 22 - 80 psi)

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

