

LUBRICATION SYSTEM (1GR-FE)

170D9-01

ON-VEHICLE INSPECTION

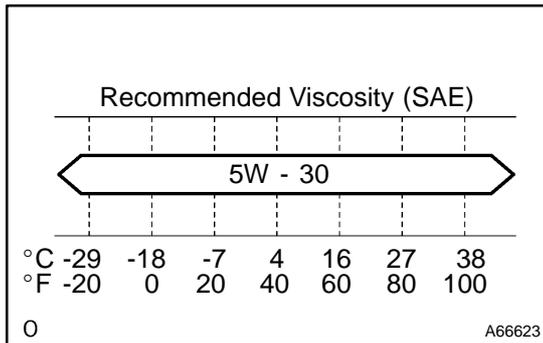
1. CHECK ENGINE OIL LEVEL

- (a) 5 minutes after the engine stop since the engine was warmed up, the oil level should be between the low-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 over the full level mark.



2. CHECK ENGINE OIL QUALITY

- (a) Check the oil for deterioration, water mixing, discoloring or thinning.
- (b) If the oil quality is visibly poor, replace the oil.

HINT:

Oil grade:

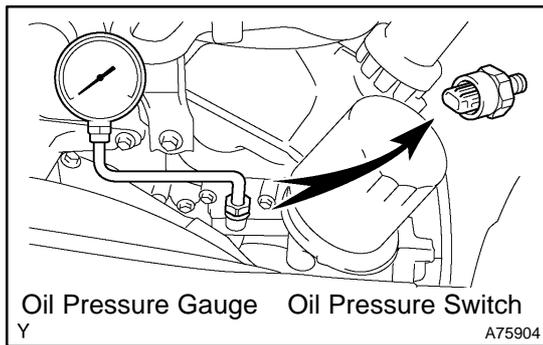
Use API grade SL "Energy-Conserving", or ILSAC multigrade engine oil.

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.

3. REMOVE OIL PRESSURE SWITCH ASSY

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



4. INSTALL OIL PRESSURE GAUGE

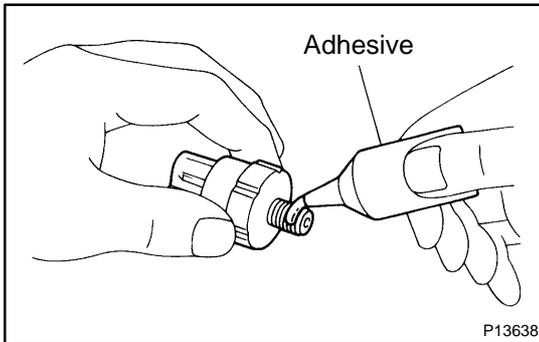
- (a) Install the oil pressure gauge.

5. WARM UP ENGINE

6. CHECK OIL PRESSURE

Oil pressure:

At idle	29 kPa (0.3 kgf·cm ² , 4.2 psi) or more
At 3,000 rpm	294 - 588 kPa (3.0 - 6.0 kgf·cm ² , 43 - 85 psi)

**7. INSTALL 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 a 24 mm deep socket wrench, Install the oil pressure switch.

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

NOTICE:

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

- (d) Connect the oil pressure switch connector.

8. START ENGINE AND CHECK FOR LEAKS