LUBRICATION SYSTEM (N04C–TF)

170LA–01

ON–VEHICLE INSPECTION

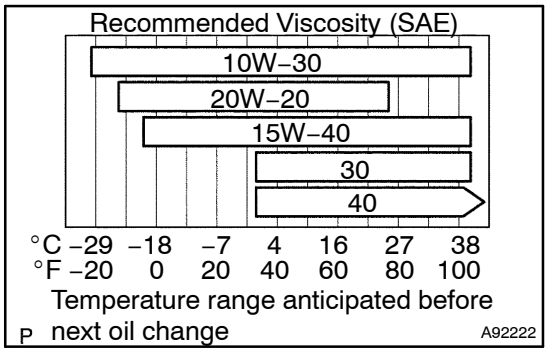
1. CHECK ENGINE OIL LEVEL

(a) Warm up the engine, stop the engine and wait 5 minutes. The oil level should be between the level gauge guide low level mark and full level mark.

If the oil level is low, check for leakage and add oil up to the full level mark.

NOTICE:

Do not fill with engine oil above the full level mark.



2. CHECK ENGINE OIL QUALITY

(a) Check the oil for deterioration, water contamination, discoloring or thinning.

If the quality is visibly poor, replace the oil.

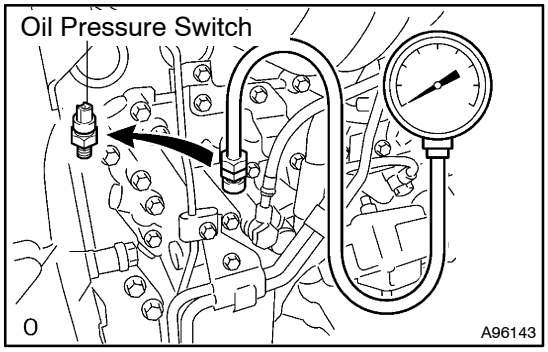
Oil grade: API CD, CE, CF, CH–4 or CI–4

If SAE 10W–30 or higher viscosity oil is used in extremely low temperatures, the engine may become difficult to start. SAE 5W–30 engine oil is recommended.

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) Using a 24 mm deep socket wrench, remove the oil pressure switch.

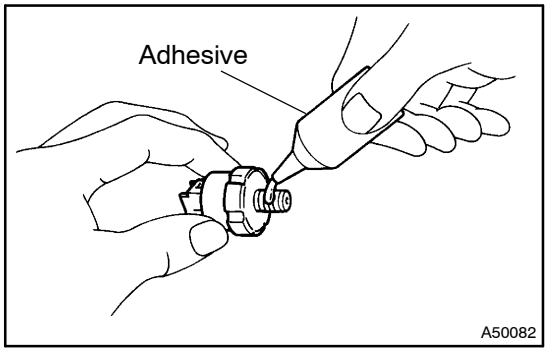
(b) Install the oil pressure gauge.

5. WARM UP ENGINE

6. CHECK OIL PRESSURE

Standard:

Item	Oil Pressure
Idle	190 kPa (1.9 kgf/cm^2, 27 psi) or more
3,000 rpm	245 to 539 kPa (2.5 to 5.5 kgf/cm^2, 36 to 78 psi) or more



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: 29.4 N·m (300 kgf·cm, 22 ft·lbf)

NOTICE:
Do not start the engine for at least 1 hour after installation of the switch.

(d) Connect the oil pressure switch connector.

8. START ENGINE AND CHECK FOR ENGINE OIL LEAKS