LUBRICATION SYSTEM (3MZ–FE)

1700E–11

ON–VEHICLE INSPECTION

1. CHECK ENGINE OIL LEVEL

(a) Warm up the engine, stop the engine and wait for 5 minutes. The oil level should be between the dipstick's 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.

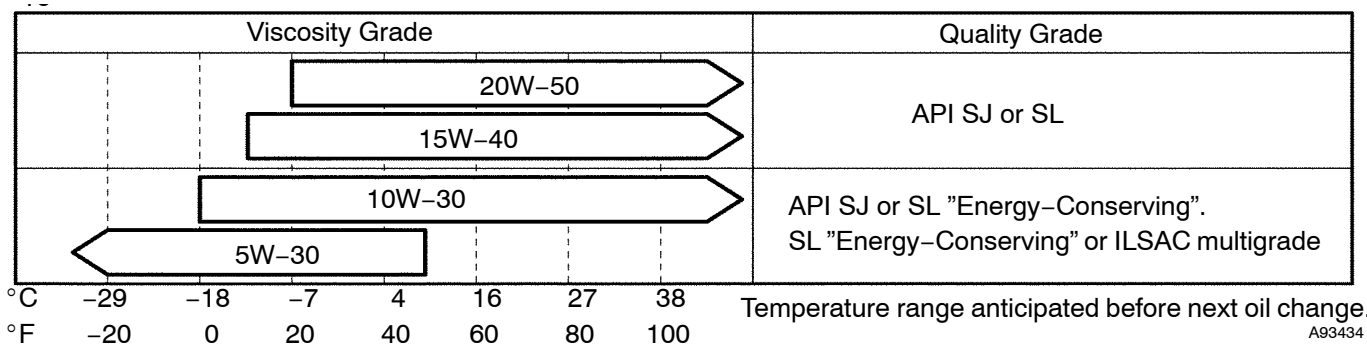
NOTICE:

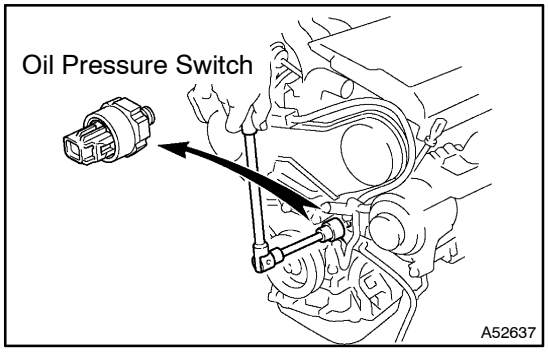
Do not fill with engine oil above the full level mark.

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.

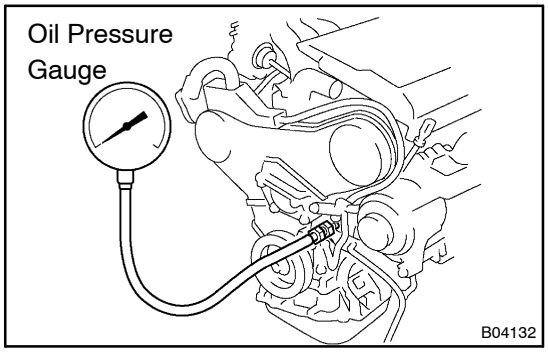




3. REMOVE OIL PRESSURE SWITCH ASSY

(a) Disconnect the oil pressure switch connector.

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



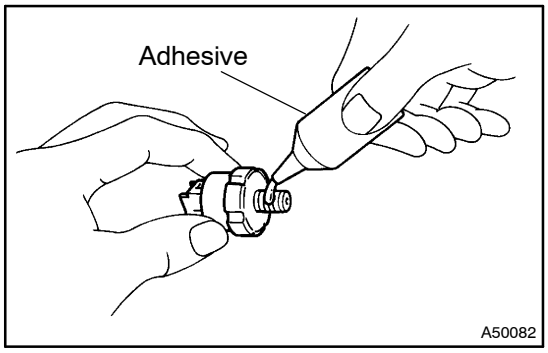
4. INSTALL OIL PRESSURE GAUGE

5. WARM UP ENGINE

6. CHECK OIL PRESSURE

Specification:

Item	Oil Pressure
Idle	29 kPa (0.3 kgf/cm², 4.3 psi) or more
3,000 rpm	245 to 539 kPa (2.5 to 5.5 kgf/cm², 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: 15 N·m (152 kgf·cm, 11 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 (See page 14–1)