LUBRICATION SYSTEM (1MZ–FE)

1700E–02

ON–VEHICLE INSPECTION

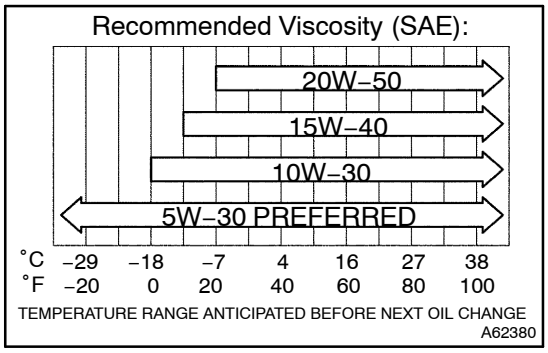
1. CHECK ENGINE OIL LEVEL

(a) After warm 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 full level mark.



2. CHECK ENGINE OIL QUALITY

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

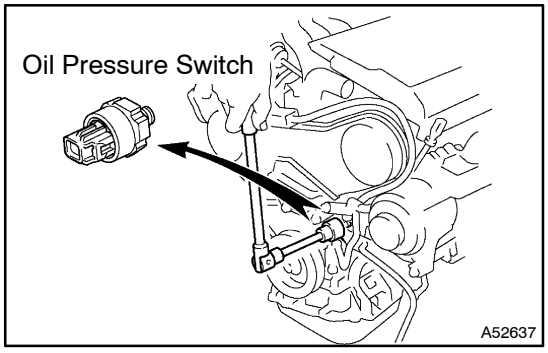
If the quality is visibly poor, replace the oil.

Oil grade:

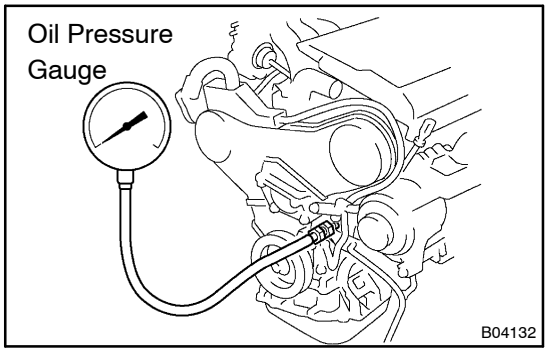
API grade SJ or SL, Energy–Conserving or ILSAC, multigrade engine oil is recommended. SAE 5W–30 is the best choice for your vehicle, for good fuel economy, and good starting in cold weather.

3. REMOVE OIL PRESSURE SWITCH ASSY

(a) Disconnect the oil pressure switch connector.



(b) Remove the oil pressure switch.



4. INSTALL OIL PRESSURE GAUGE

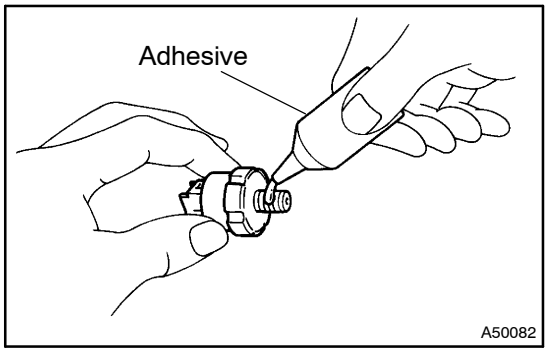
(a) Install the oil pressure gauge.

5. WARM UP ENGINE

6. CHECK OIL PRESSURE

Oil pressure:

At idle	29 kPa (0.3 kgf·cm^2, 4.3 psi) or more
At 3,000 rpm	294 – 539 kPa (3.0 – 5.5 kgf·cm^2, 43 – 78 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) Install the oil pressure switch.
Torque: 15 N·m (152 kgf·cm, 11 ft·lbf)

(d) Connect the oil pressure switch connector.

8. START ENGINE AND CHECK FOR LEAKS