

LUBRICATION SYSTEM (2AZ-FE)

170KC-01

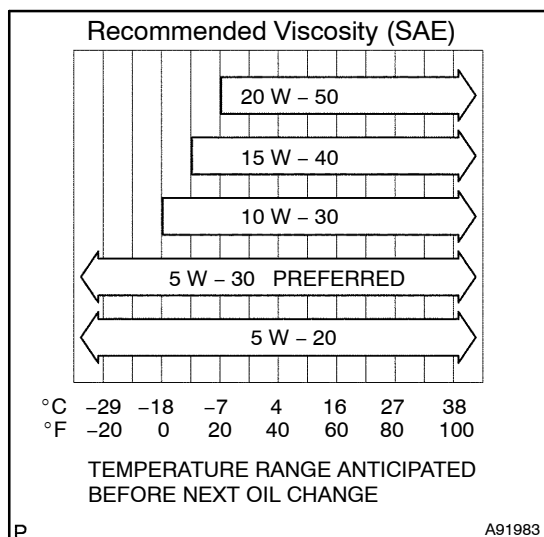
ON-VEHICLE INSPECTION

1. CHECK ENGINE OIL LEVEL

- Warm up the engine, then stop the engine and wait for 5 minutes.
- Check that the engine oil level is between the "L" and "F" marks of the oil level gage. If low, check for leakage and add oil up to the "F" mark.

NOTICE:

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



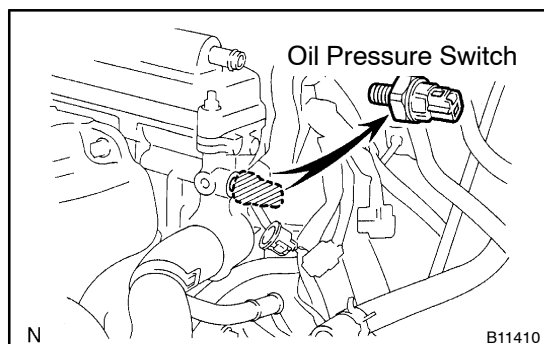
2. CHECK ENGINE OIL QUALITY

- Check the oil for deterioration, water intrusion, discoloring or thinning.

If the quality is visibly poor, replace the oil.

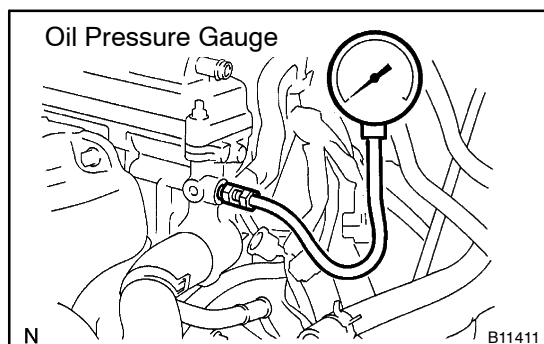
Oil grade:

API grade "SJ" Energy-Conserving, "SL" Energy-Conserving or ILSAC multigrade engine oil. Recommended viscosity is as shown in the illustration.



3. REMOVE OIL PRESSURE SWITCH ASSY

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



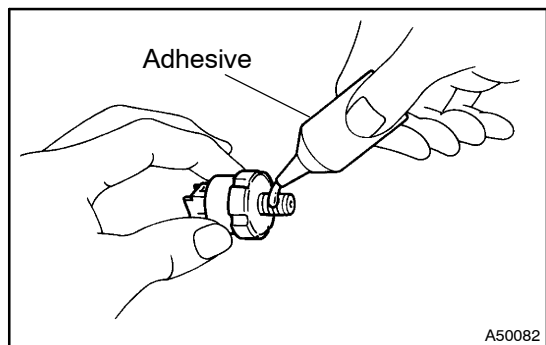
4. INSTALL OIL PRESSURE GAUGE

- 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	245 to 539 kPa (2.5 to 5.5 kgf/cm ² , 36 to 78 psi)

7. REMOVE OIL PRESSURE GAUGE**8. INSTALL OIL PRESSURE SWITCH ASSY**

- (a) Apply adhesive to 2 or 3 threads of the oil pressure switch.

Adhesive:

**Part No. 08833-00080, THREE BOND 1344,
LOCTITE 242 or equivalent**

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

Torque: 15 N·m (153 kgf·cm, 11 ft·lbf)

NOTICE:

Do not start the engine within 1 hour of installation.

- (c) Connect the oil pressure switch connector.

9. START ENGINE AND CHECK FOR LEAKS