

LUBRICATION SYSTEM (1NZ-FXE)

ON-VEHICLE INSPECTION

170J4-01

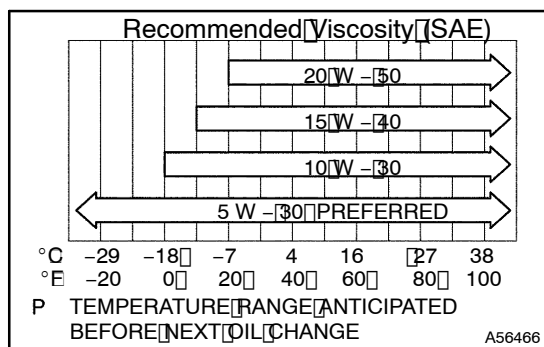
1. CHECK ENGINE OIL LEVEL

(a) Warm up the engine, then stop the engine and wait for 5 minutes. Check that the engine oil level is between the low and full marks on the oil level gauge.

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

NOTICE:

Do not add engine oil above the full mark.



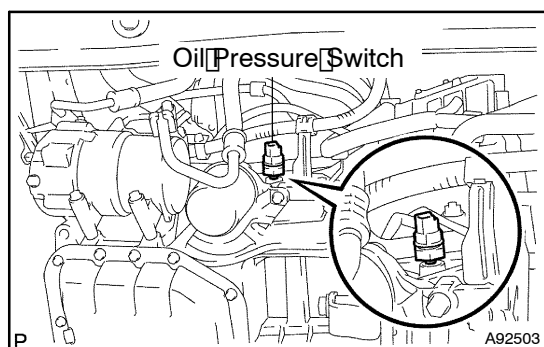
2. CHECK ENGINE OIL QUALITY

(a) 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 "LSAC" multi-grade engine oil. Recommended viscosity is as shown in the illustration.

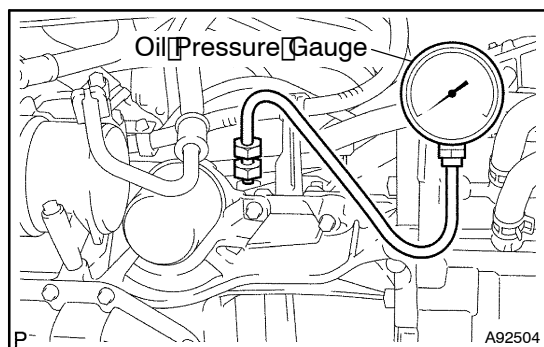


3. CHECK OIL PRESSURE

(a) Remove the engine oil pressure switch assembly.

(1) Disconnect the oil pressure switch connector.

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



(b) Install an oil pressure gauge.

(1) Install the adaptor, then install an oil pressure gauge.

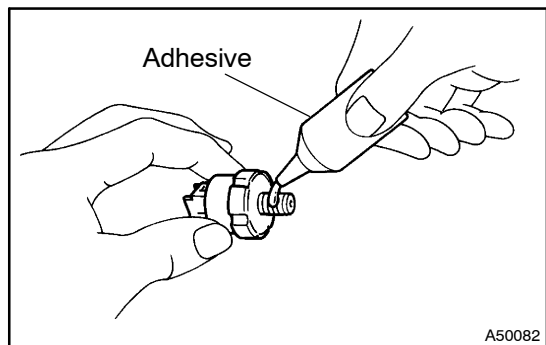
(c) Set the vehicle to the "Inspection Mode-2WD Inspection" (see page 01-5)

(d) Warm up the engine.

(e) Inspect the oil pressure.

At idle	59 kPa {0.6 kgf/cm ² , 4.2 psi} or more
At 2,500 rpm	150 to 550 kPa {1.5 to 5.6 kgf/cm ² , 22 to 80 psi}

(f) Remove the oil pressure gauge.



(g) Install the engine oil pressure switch assembly.

(1) Apply adhesive to the threads.

Adhesive:

Part No. 08833-00070, THREE BOND 1324, equivalent

(2) Using a 24 mm deep socket wrench, 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.

(3) Connect the oil pressure switch connector.

4. CHECK FOR ENGINE OIL LEAKS