THERMOSTAT (3MZ–FE)

1609A–02

REPLACEMENT

HINT:

The installation procedures are the removal procedures in reverse order. However, only installation procedures requiring additional information are included.

1. DRAIN ENGINE COOLANT (See page 16–7)

2. REMOVE RADIATOR HOSE OUTLET

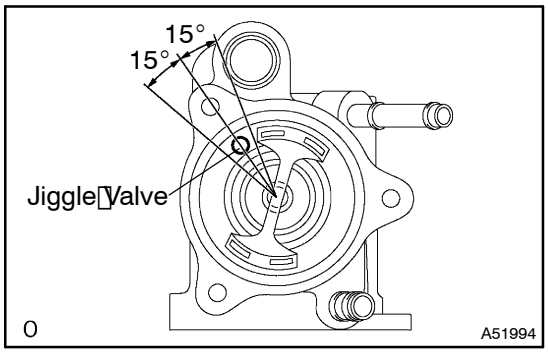
3. REMOVE WATER INLET PIPE

(a) Remove the bolt and water inlet pipe.

4. REMOVE WATER INLET

(a) Remove the 3 bolts and water inlet.

5. REMOVE THERMOSTAT



6. INSTALL THERMOSTAT

(a) Install a new gasket to the thermostat.

(b) Align the thermostat jiggle valve with the upper stud bolt, and insert the thermostat in the water inlet housing.

HINT:

The jiggle valve may be set within 15° of either side of the prescribed position.

7. INSTALL WATER INLET

Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)

8. INSTALL WATER INLET PIPE

(a) Install a new O–ring to the water inlet pipe.

(b) Apply soapy water to the O–ring.

(c) Connect the water inlet pipe to the water inlet.

(d) Install the bolt holding the water inlet pipe to the cylinder head.

Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

9. ADD ENGINE COOLANT (See page 16–7)

10. CHECK FOR ENGINE COOLANT LEAKS (See page 16–1)