

## THERMOSTAT (3MZ-FE)

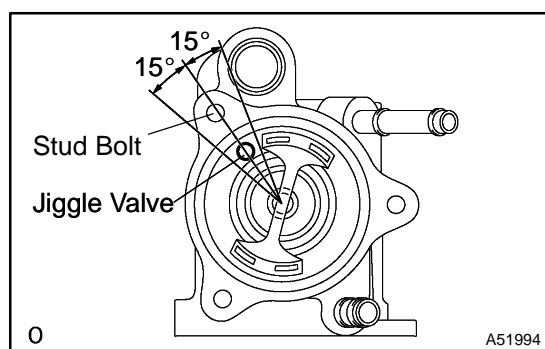
### REPLACEMENT

1602F-09

#### 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 16-26 )**
2. **REMOVE RADIATOR HOSE OUTLET**
3. **REMOVE WATER INLET PIPE**
  - (a) Remove the bolt and 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 into 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 inlet pipe.
  - (b) Apply soapy water to the O-ring.
  - (c) Connect the inlet pipe to the water inlet.
  - (d) Install the bolt holding the inlet pipe to the cylinder head.  
**Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)**
9. **ADD ENGINE COOLANT (See page 16-26 )**
10. **CHECK FOR ENGINE COOLANT LEAKS (See page 16-20 )**