

## THERMOSTAT

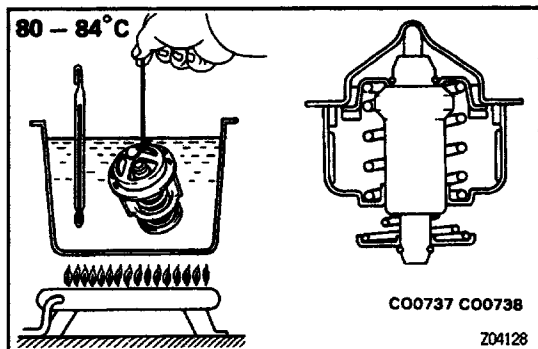
### THERMOSTAT REMOVAL

#### 1. DRAIN ENGINE COOLANT

#### 2. DISCONNECT RADIATOR OUTLET HOSE

#### 3. REMOVE THERMOSTAT

- Remove the 3 nuts, water inlet and thermostat with gasket from the water pump.
- Remove the gasket from the thermostat.



### THERMOSTAT INSPECTION

HINT: Thermostat is numbered according to the valve opening temperature.

- Immerse the thermostat in water and heat the water gradually.
- Check the valve opening temperature and valve lift.

**Valve opening temperature:**

**80 - 84°C (176 - 183°F)**

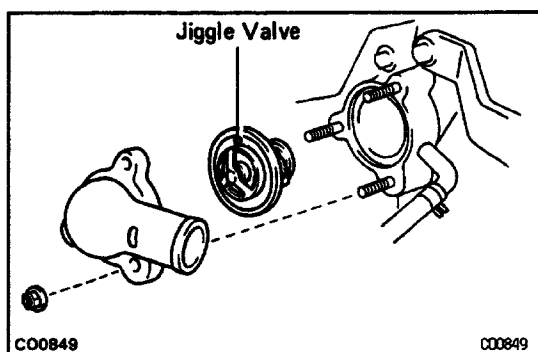
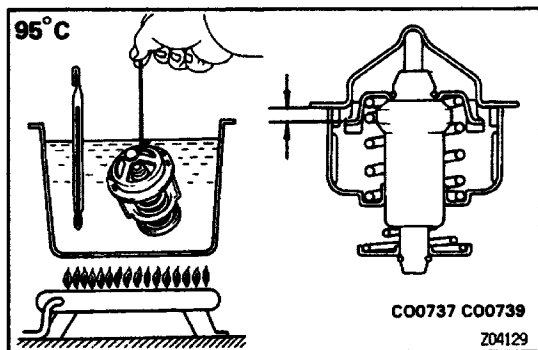
**Valve lift:**

**At 95°C (203 °F): 8 mm (0.31 in.) or more**

If the valve opening temperature and valve lift are not within specifications, replace the thermostat.

- Check that the valve spring is tight when the thermostat is fully closed.

If not tight, replace the thermostat.



### THERMOSTAT INSTALLATION

#### 1. INSTALL THERMOSTAT

- Place a new gasket to the thermostat.
- Install the thermostat with the jiggle valve upward.

#### 2. INSTALL WATER INLET

Install the water inlet with the 3 nuts.

**Torque: 20 N-m (200 kgf-cm, 14 ft-lbf)**

#### 3. CONNECT RADIATOR OUTLET HOSE .

#### 4. FILL WITH ENGINE COOLANT

#### 5. START ENGINE AND CHECK FOR LEAKS