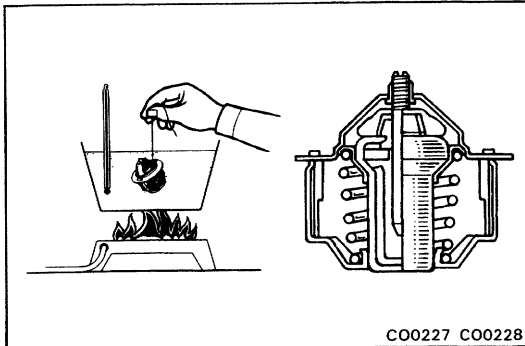


## THERMOSTAT

### REMOVAL OF THERMOSTAT

1. DRAIN ENGINE COOLANT (See page CO-5)
2. REMOVE WATER OUTLET AND THERMOSTAT
  - (a) Remove the two bolts, water outlet and thermostat with gasket from the water outlet housing.
  - (b) Remove the gasket from the thermostat.



### INSPECTION OF THERMOSTAT

#### INSPECT THERMOSTAT

HINT: The thermostat is numbered with the valve opening temperature.

- (a) Immerse the thermostat in water and gradually heat the water.

- (b) Check the valve opening temperature.

**Valve opening temperature: 86 – 90° C (187 – 194° F)**

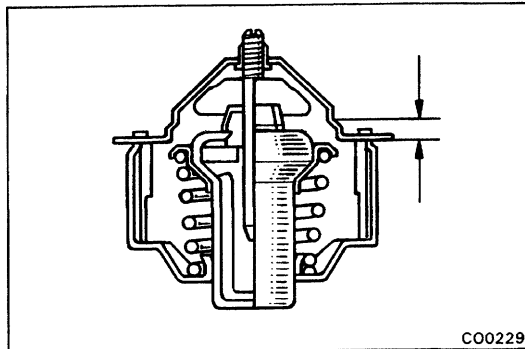
If the valve opening temperature is not as specified, replace the thermostat.

- (c) Check the valve lift.

**Valve lift:**

**8 mm (0.31 in.) or more at 100° C (212° F)**

If the valve lift is less than specification, replace the thermostat.

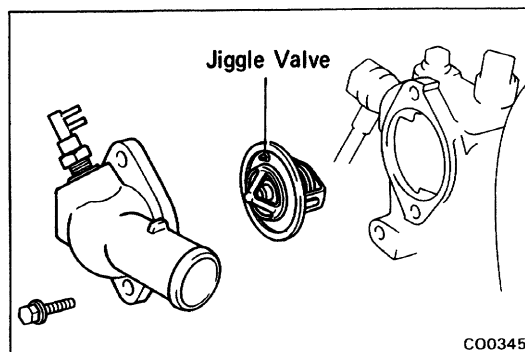


### INSTALLATION OF THERMOSTAT

#### 1. INSTALL THERMOSTAT AND WATER OUTLET

- (a) Install a new gasket to the thermostat.
- (b) Install the thermostat with the jiggle valve facing upward as shown in the illustration, and water outlet with the two bolts.

**Torque: 80 kg-cm (69 in.-lb, 7.8 N-m)**



2. FILL WITH ENGINE COOLANT (See page CO-5)

3. START ENGINE AND CHECK FOR LEAKS