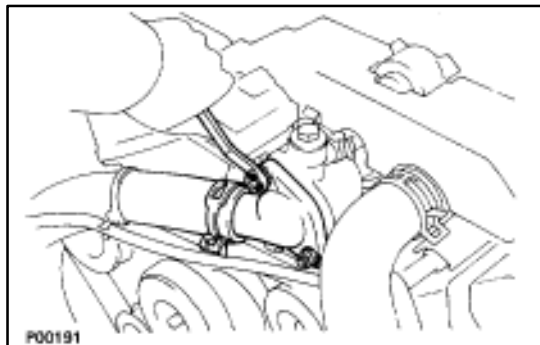
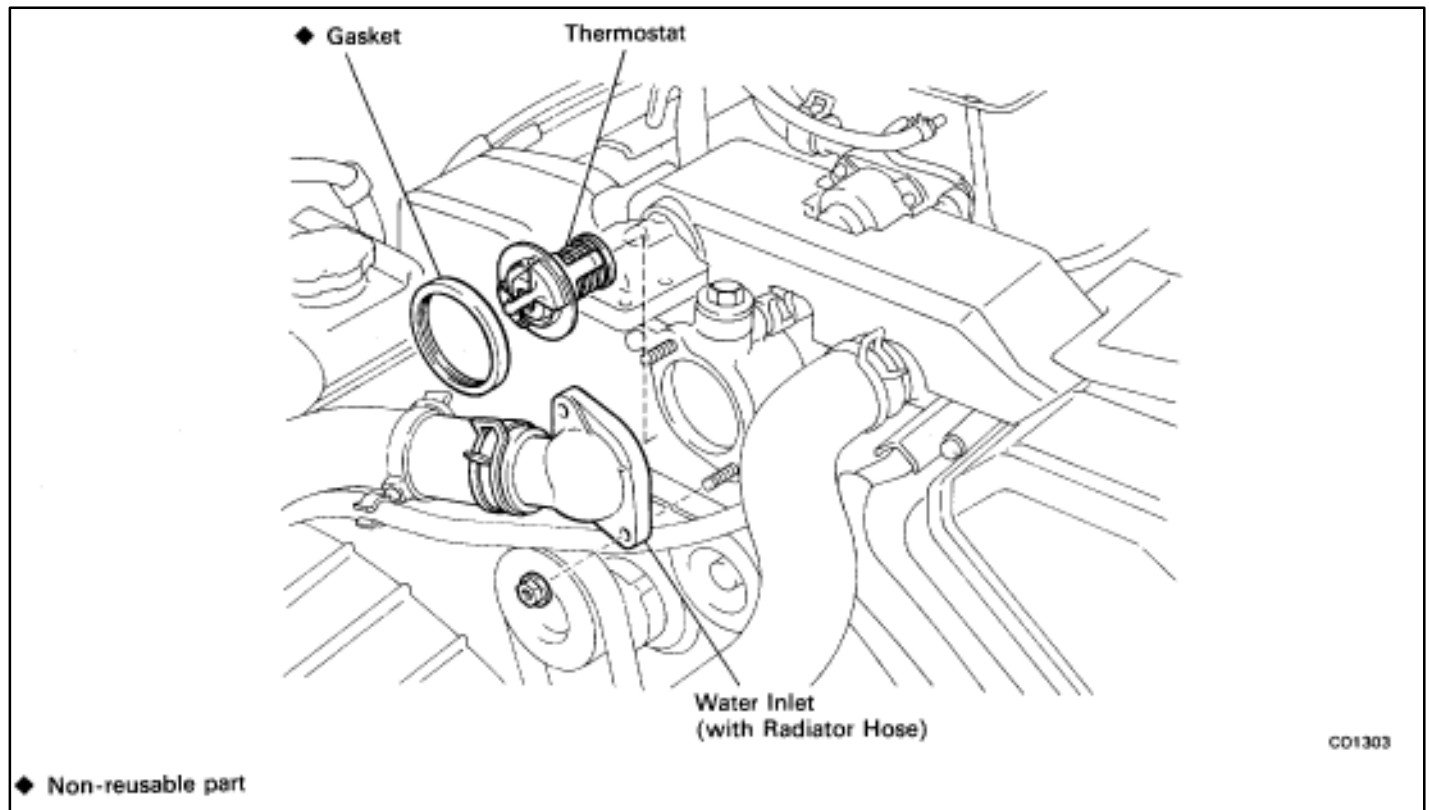


## THERMOSTAT

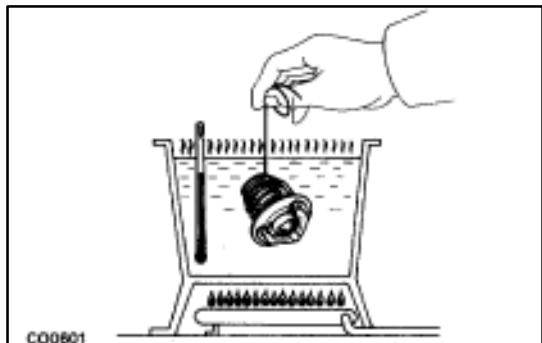
HINT: Removal of the thermostat would have an adverse effect, causing a lowering of cooling efficiency. Do not remove the thermostat, even if the tends to overheat.

### COMPONENTS FOR REMOVAL AND INSTALLATION



### REMOVAL OF THERMOSTAT

1. DRAIN ENGINE COOLANT (See page [CO-6](#))
2. REMOVE THERMOSTAT
  - (a) Remove the two nuts holding the water inlet to the inlet housing, and disconnect the water inlet from the inlet housing.
  - (b) Remove the thermostat.
  - (c) 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:**

**80–84°C (176–183°F)**

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

- (c) Check the valve lift.

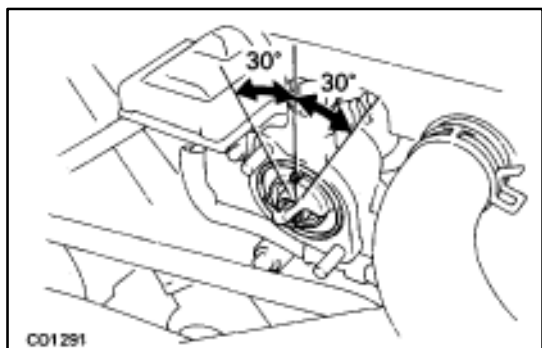
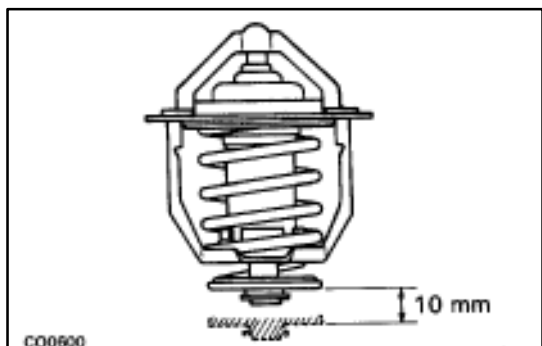
**Valve lift:**

**10 mm (0.39 in.) or more at 95°C (203°F)**

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

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

If necessary, replace the thermostat.



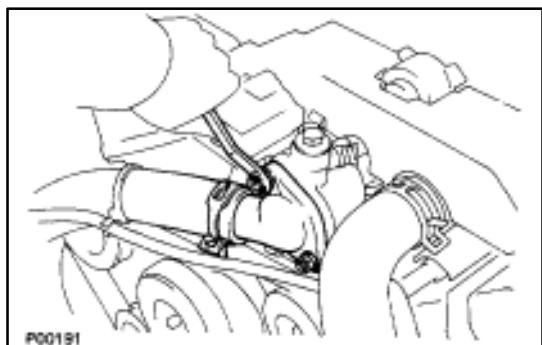
## INSTALLATION OF THERMOSTAT

(See Components on page [CO-12](#))

### 1. PLACE THERMOSTAT IN WATER INLET HOUSING

- (a) Install a new gasket to the thermostat.
- (b) Insert the thermostat into the water inlet housing with the jiggle valve facing straight upward.

HINT: The jiggle valve may be set within 30° of either side of the prescribed position.



### 2. INSTALL WATER INLET

Install the water inlet with the two nuts.

**Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)**

### 3. FILL WITH ENGINE COOLANT (See page [CO-7](#))

### 4. START ENGINE AND CHECK FOR LEAKS