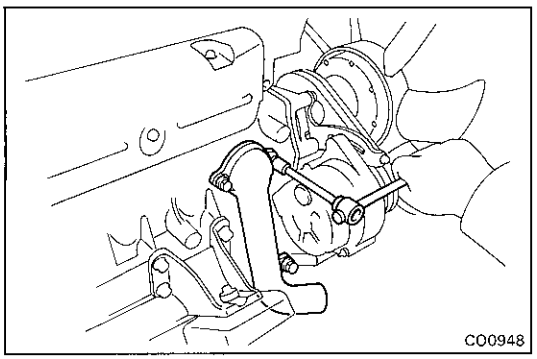
THERMOSTAT

REMOVAL OF THERMOSTAT

1. **DRAIN ENGINE COOLANT (See page CO-5)**



2. **REMOVE WATER INLET**

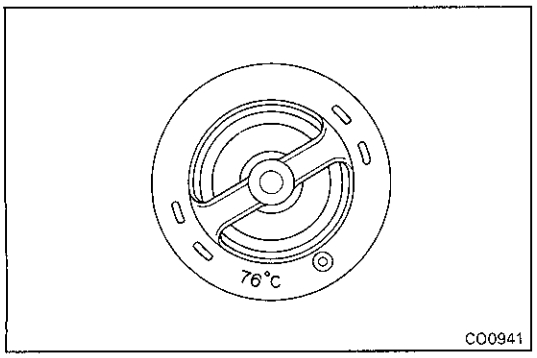
   Remove the three bolts and water inlet from the water inlet housing.

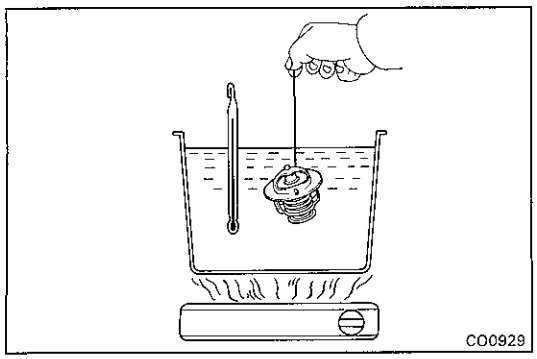
3. **REMOVE THERMOSTAT**

INSPECTION OF THERMOSTAT

INSPECT THERMOSTAT

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



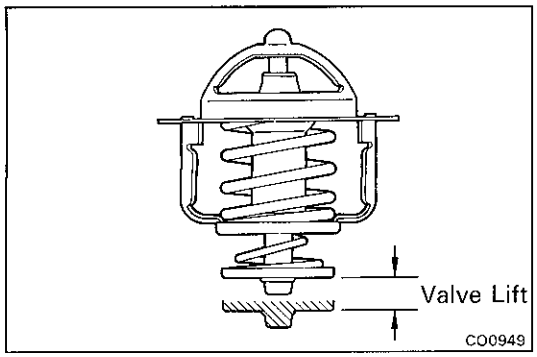


(a) Immerse the thermostat in water and gradually heat the water.

(b) Check the valve opening temperature.

Valve opening temperature: 74 – 78°C (165 – 172°F)

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



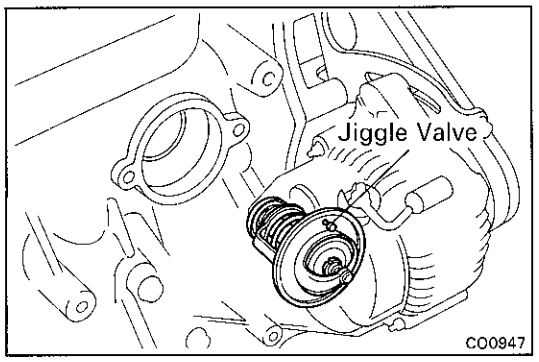
(c) Check the valve lift.

Valve lift: 10 mm (0.39 in.) or more at 90°C (194°F)

If the valve lift is not as specified, replace the thermostat.

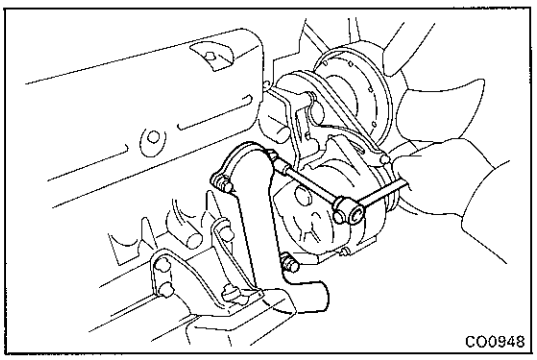
(d) Check that the valve spring is tight when the thermostat is fully closed.

If necessary, replace the thermostat.



INSTALLATION OF THERMOSTAT

1. **PLACE THERMOSTAT IN CYLINDER BLOCK**
   (a) Install a new gasket to the thermostat.
   (b) Install the thermostat with the jiggle valve upward.



2. **INSTALL WATER INLET TO CYLINDER BLOCK**
   Install the water inlet with the three bolts.
   Torque: 200 kg-cm (14 ft-lb, 20 N-m)
   NOTICE: Torque the two upper bolts first.

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

4. **START ENGINE AND CHECK FOR LEAKS**