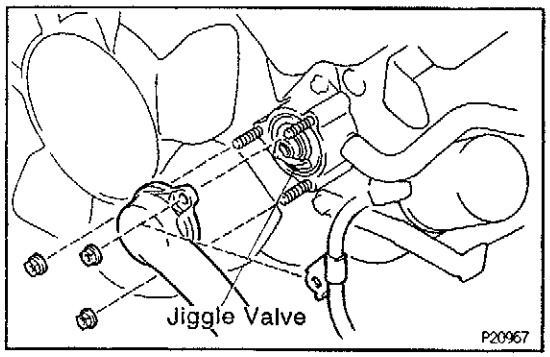
THERMOSTAT

THERMOSTAT REMOVAL

EG1D6-05

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

1. **DRAIN ENGINE COOLANT**
2. **DISCONNECT LOWER RADIATOR HOSE**



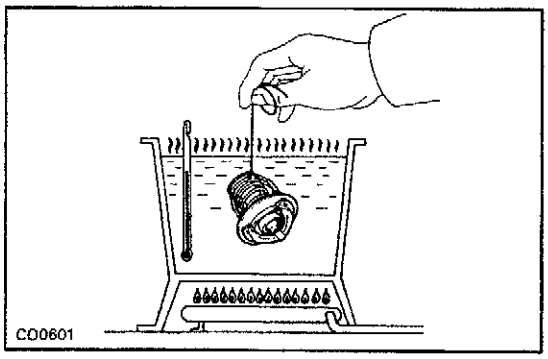
3. **REMOVE WATER INLET AND THERMOSTAT**

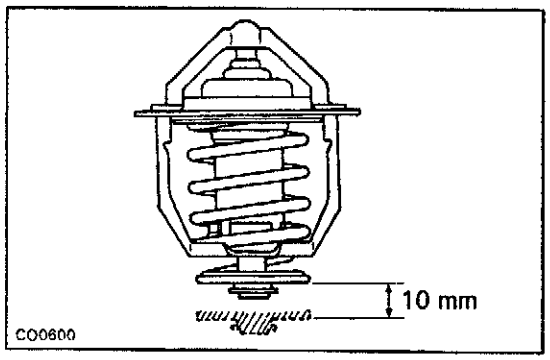
(a) Remove the 3 nuts, water inlet and thermostat with gasket from the water pump.
Torque: 20 N·m (200 kgf·cm, 14 ft·lbf)
INSTALLATION HINT: Install the thermostat with the jiggle valve downward.

(b) Remove the gasket from the thermostat.
INSTALLATION HINT: Use a new gasket.

THERMOSTAT INSPECTION

EG1DC-09





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:
At 95°C (203°F): 8.5 mm (0.335 in.) or more
If the valve lift is not as specified, replace the thermostat.

(d) Check that the valve is fully closed when the thermostat is at low temperatures (below 40°C (104°F)).
If not closed, replace the thermostat.

THERMOSTAT INSTALLATION

EG5V8-01

Installation is in the reverse order of removal.