

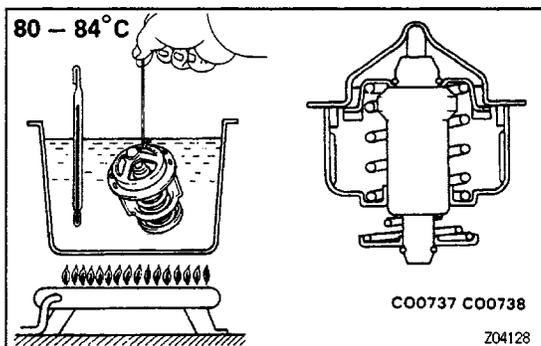
C00848

## THERMOSTAT

### THERMOSTAT REMOVAL

EG1DB-01

1. DRAIN ENGINE COOLANT
2. DISCONNECT RADIATOR OUTLET HOSE
3. REMOVE THERMOSTAT
  - (a) Remove the three nuts, water inlet and thermostat with gasket from the water pump.
  - (b) Remove the gasket from the thermostat.



C00737 C00738

Z04128

### THERMOSTAT INSPECTION

EG1DC-01

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

- (a) Immerse the thermostat in water and heat the water gradually.
- (b) Check the valve opening temperature and valve lift.

#### Valve opening temperature:

80 – 84 °C (176 – 183 °F)

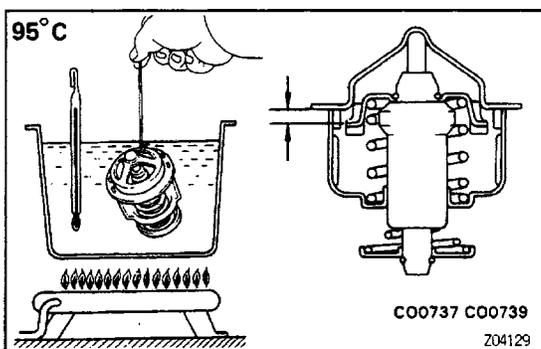
#### Valve lift:

8 mm (0.31 in.) or more at 95 °C (203 °F)

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

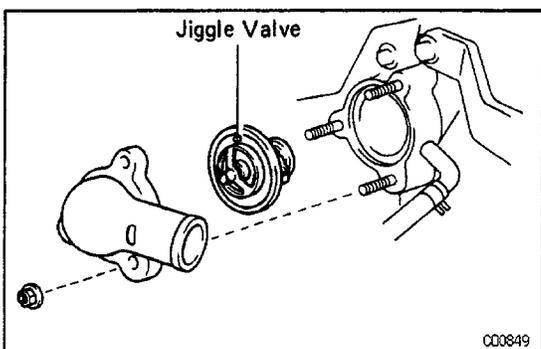
- (c) Check that the valve spring is tight when the thermostat is fully closed.

If not tight, replace the thermostat.



C00737 C00739

Z04129



C00849

### THERMOSTAT INSTALLATION

EG20Y-01

#### 1. INSTALL THERMOSTAT

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

#### 2. INSTALL WATER INLET

Install the water inlet with the three 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