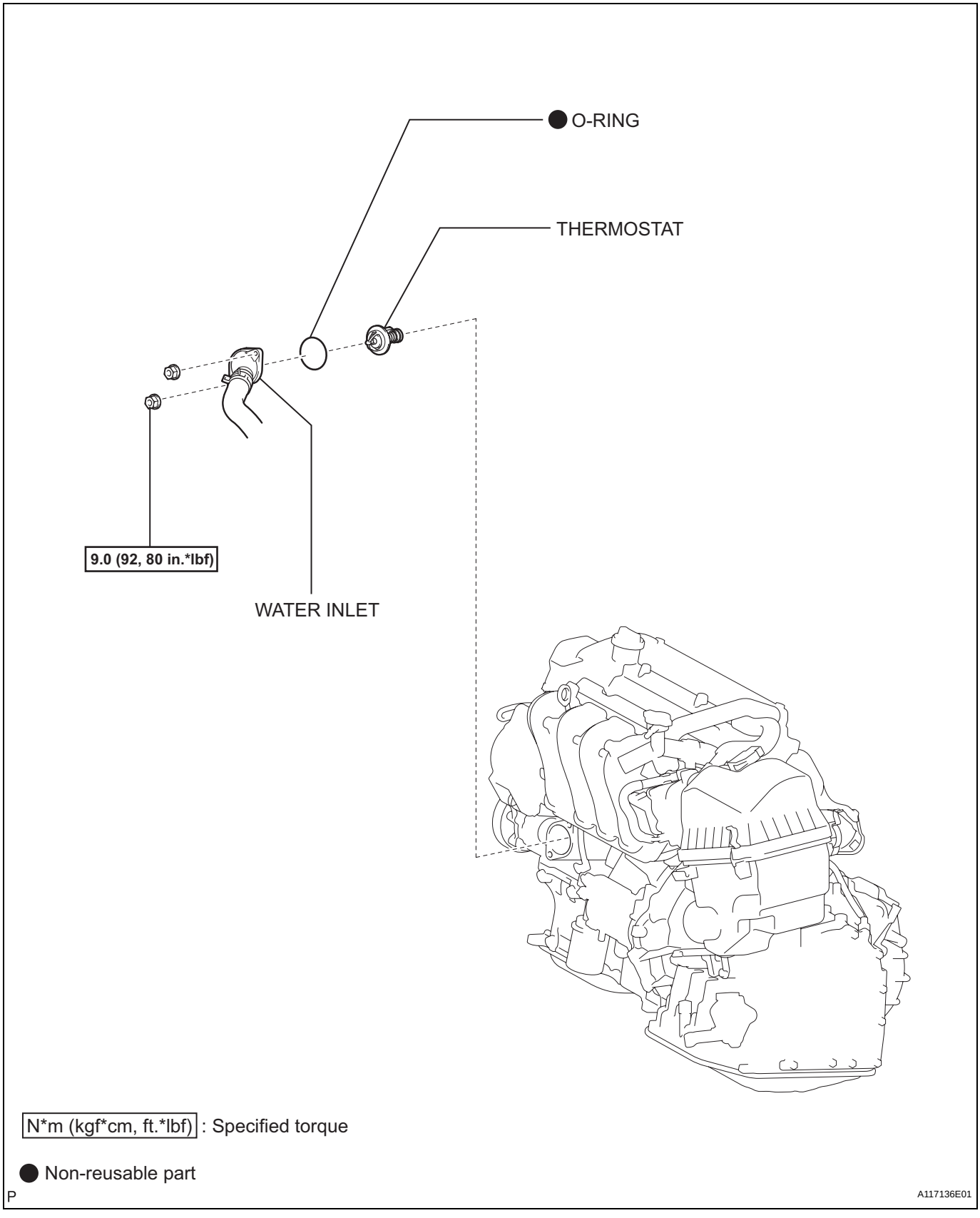
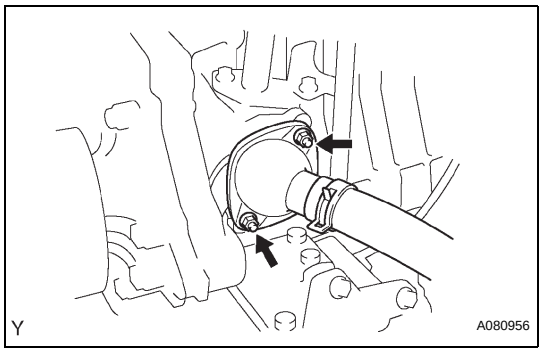
THERMOSTAT

COMPONENTS



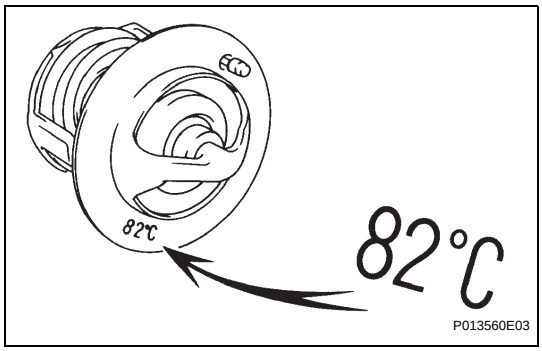
REMOVAL

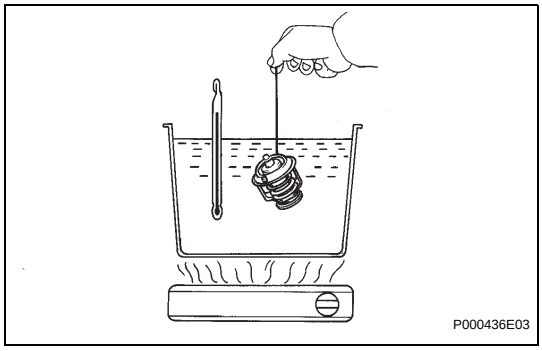
1. **DRAIN ENGINE COOLANT (See page CO-5)**
2. **REMOVE WATER INLET**
   (a) Remove the 2 nuts and disconnect the water inlet from the cylinder block.
3. **REMOVE THERMOSTAT**



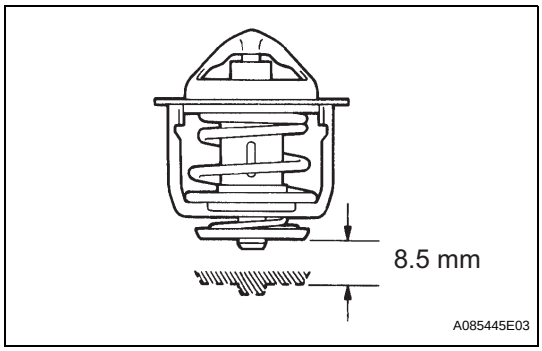
INSPECTION

1. **INSPECT THERMOSTAT**
   HINT:
   The valve opening temperature is inscribed on the thermostat.



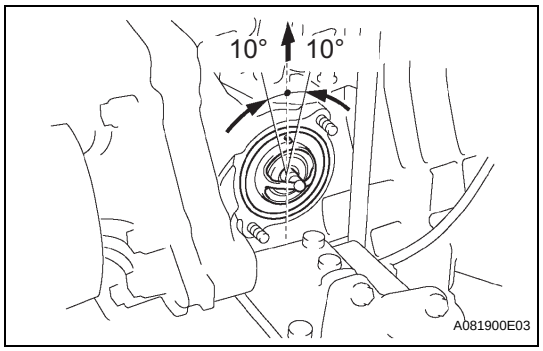


(a) Immerse the thermostat in the water and then gradually heat the water.
(b) Check the valve opening temperature of the thermostat.
Standard valve opening temperature:
80 to 84°C (176 to 183°F)
If the valve opening temperature is not as specified, replace the thermostat.



(c) Check the valve lift.
Standard valve lift:
8.5 mm (0.33 in.) or more at 95°C (203°F)
If the valve lift is not as specified, replace the thermostat.
(d) Check that the valve is fully closed when the thermostat temperature is below 77°C (171°F).
If not fully closed, replace the thermostat.

CO



INSTALLATION

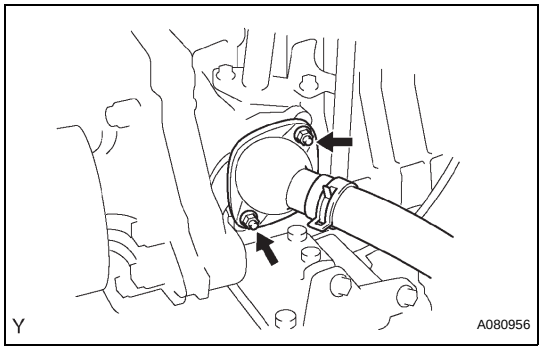
1. INSTALL THERMOSTAT

(a) Install a new gasket onto the thermostat.

(b) Install the thermostat with the jiggle valve facing upward.

HINT:

The jiggle valve may be set within 10° of either side as shown in the illustration.



2. INSTALL WATER INLET

(a) Install the water inlet to the cylinder block with the 2 nuts.

Torque: 9.0 N*m (92 kgf*cm, 80 in.*lbf)

NOTICE:

Ensure that the gasket is not stuck between the water inlet and cylinder block.

3. ADD ENGINE COOLANT (See page CO-5)

4. CHECK FOR ENGINE COOLANT LEAKS (See page CO-7)