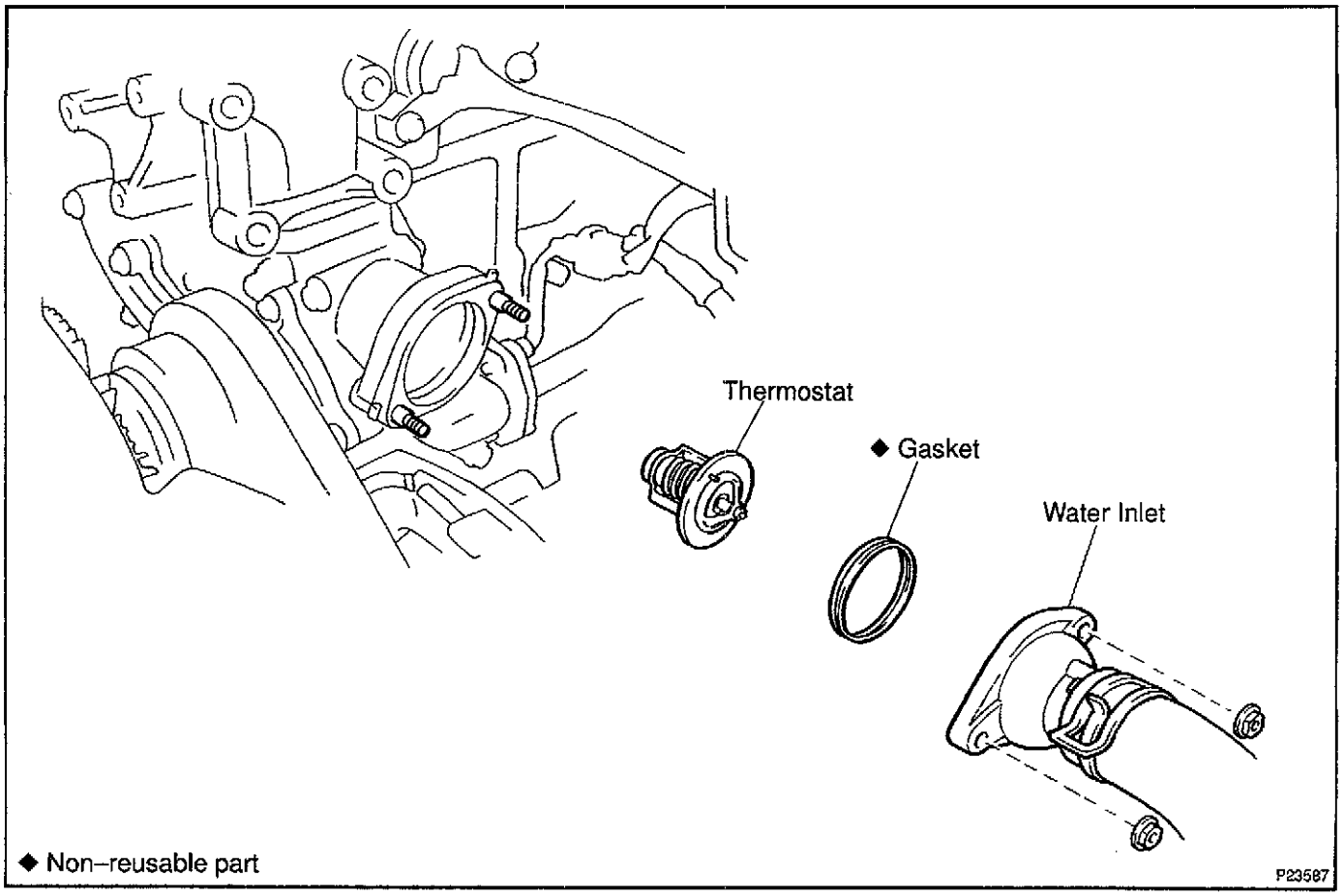
THERMOSTAT

COMPONENTS

CO072-01



CO073-01

REMOVAL

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

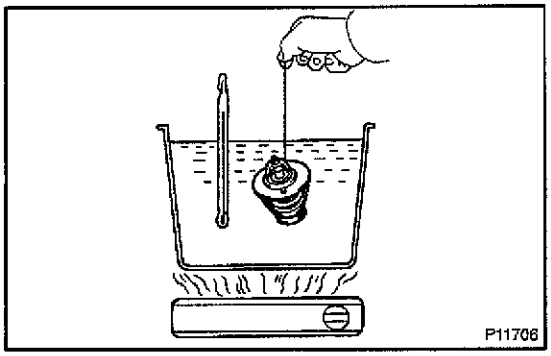
2. DISCONNECT WATER INLET WITH LOWER RADIATOR HOSE, AND REMOVE THERMOSTAT

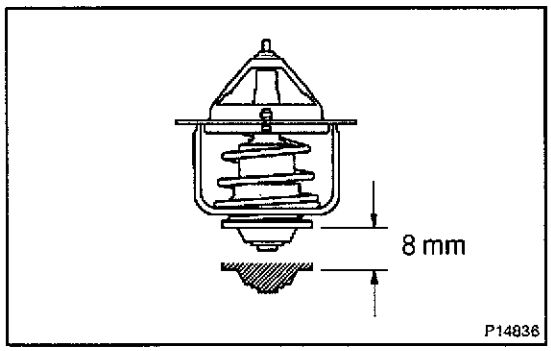
(a) Remove the 2 nuts holding the water inlet to the inlet housing, and disconnect the water inlet from the inlet housing.

(b) Remove the thermostat.

(c) Remove the gasket from the thermostat.

CO074-01





INSPECTION

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

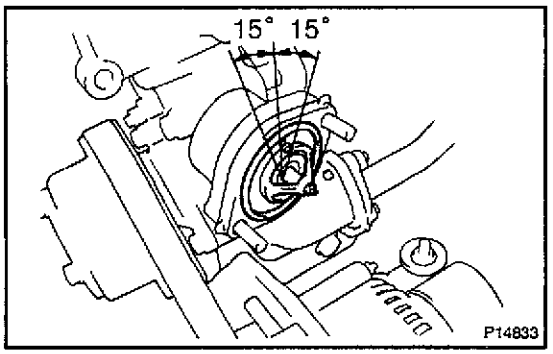
Valve lift:
At 95°C (203°F): 8 mm (0.31 in.) or more

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.

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CO075-01

INSTALLATION

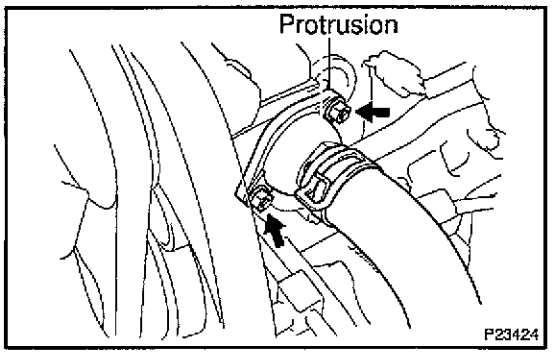
1. PLACE THERMOSTAT IN WATER INLET HOUSING

(a) Install a new gasket to the thermostat.

(b) Align the jiggle valve of the thermostat with the protrusion of the water inlet housing, and insert the thermostat in the water inlet housing.

HINT:

The jiggle valve may be set within 15° of either side of the prescribed position.



2. CONNECT WATER INLET WITH LOWER RADIATOR HOSE

Install the water inlet with the 2 nuts.

HINT:

Facing the top mark (protrusion) upward.

Torque:20 N·m (200 kgf·cm, 15 ft·lbf)

3. FILL WITH ENGINE COOLANT

4. START ENGINE AND CHECK FOR LEAKS

CO