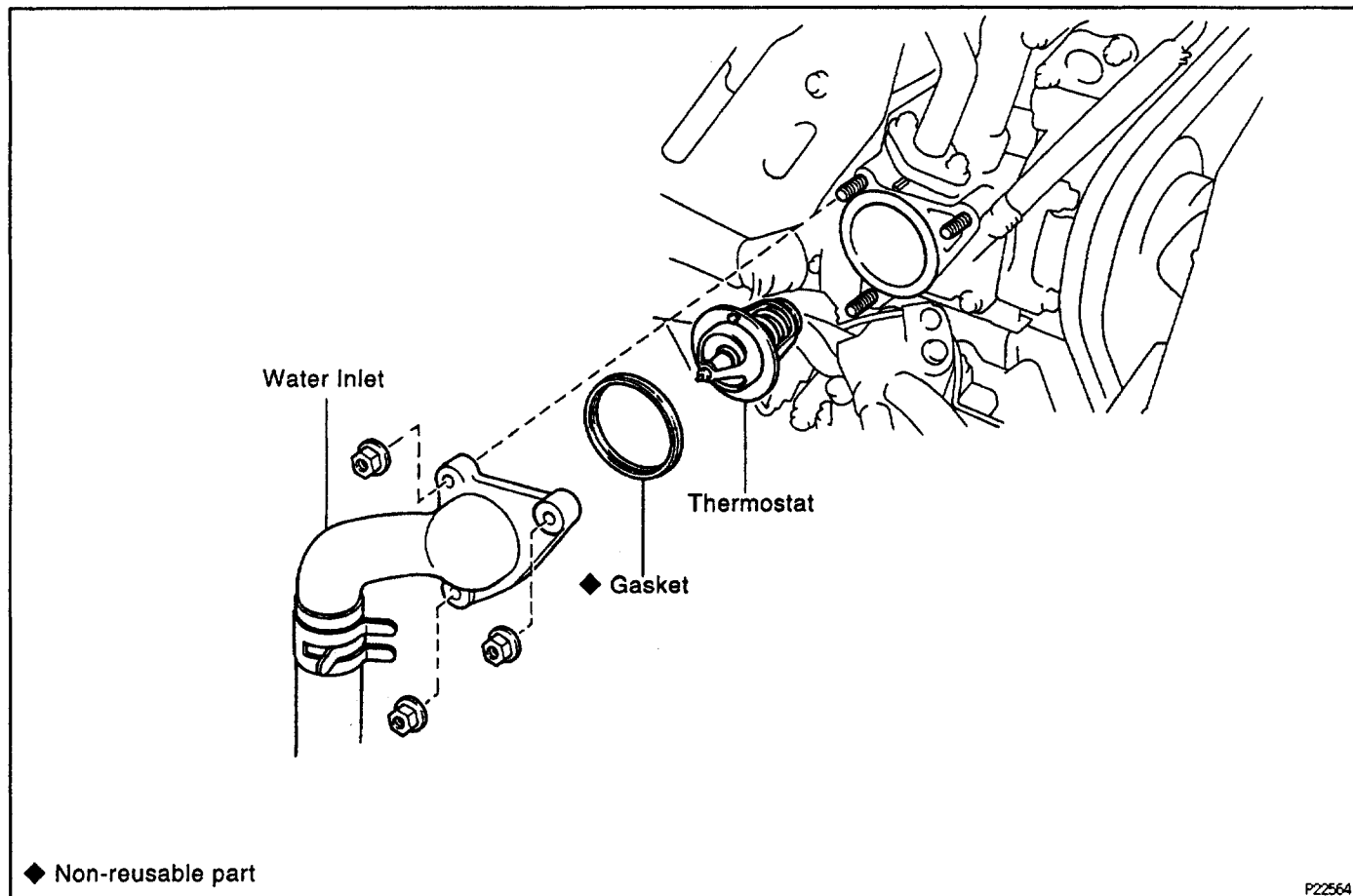


THERMOSTAT COMPONENTS FOR REMOVAL AND INSTALLATION



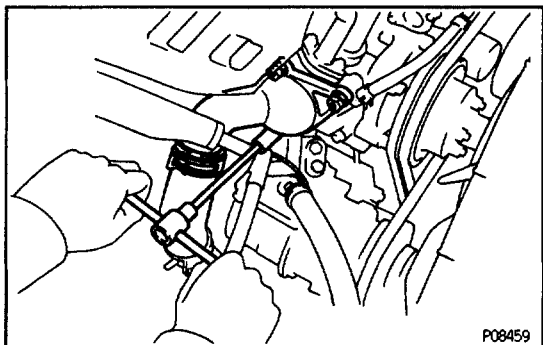
THERMOSTAT REMOVAL

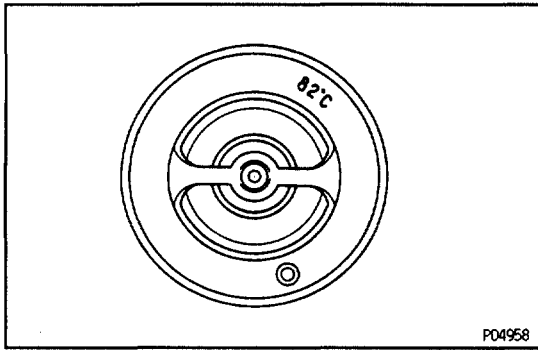
HINT: Removal of the thermostat would have an adverse effect, causing a lowering of cooling efficiency. Do not remove the thermostat, even if the engine tends to overheat.

1. DRAIN ENGINE COOLANT

2. REMOVE WATER INLET AND THERMOSTAT

- Remove the 3 nuts holding the water inlet to the inlet housing, and disconnect the water inlet from the inlet housing.
- Remove the thermostat.
- Remove the gasket from the thermostat.

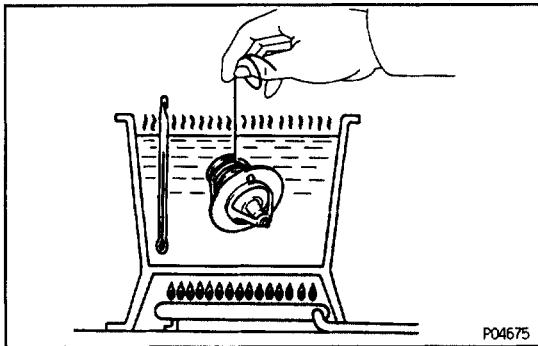




THERMOSTAT INSPECTION

INSPECT THERMOSTAT

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



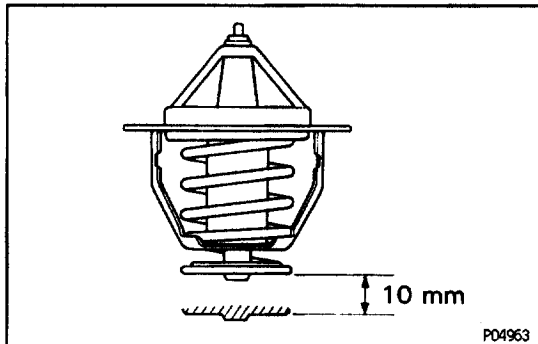
- (a) Immerse the thermostat in water and gradually heat the water.

- (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.

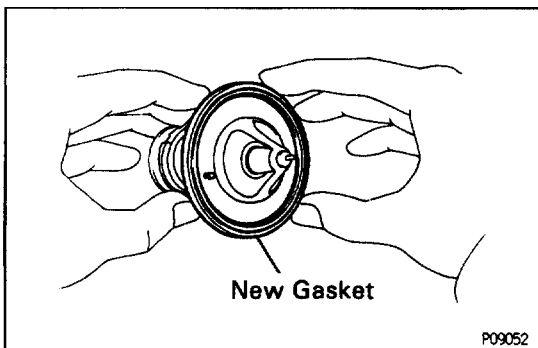
Valve lift:

10 mm (0.39 in.) or more at 95°C (203°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 not closed, replace the thermostat.



THERMOSTAT INSTALLATION

1. PLACE THERMOSTAT IN WATER PUMP

- (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. INSTALL WATER INLET

Install the water inlet with the 3 nuts.

Torque: 21 N·m (210 kgf·cm, 15 ft·lbf)

3. FILL RADIATOR WITH ENGINE COOLANT

4. START ENGINE AND CHECK FOR LEAKS

