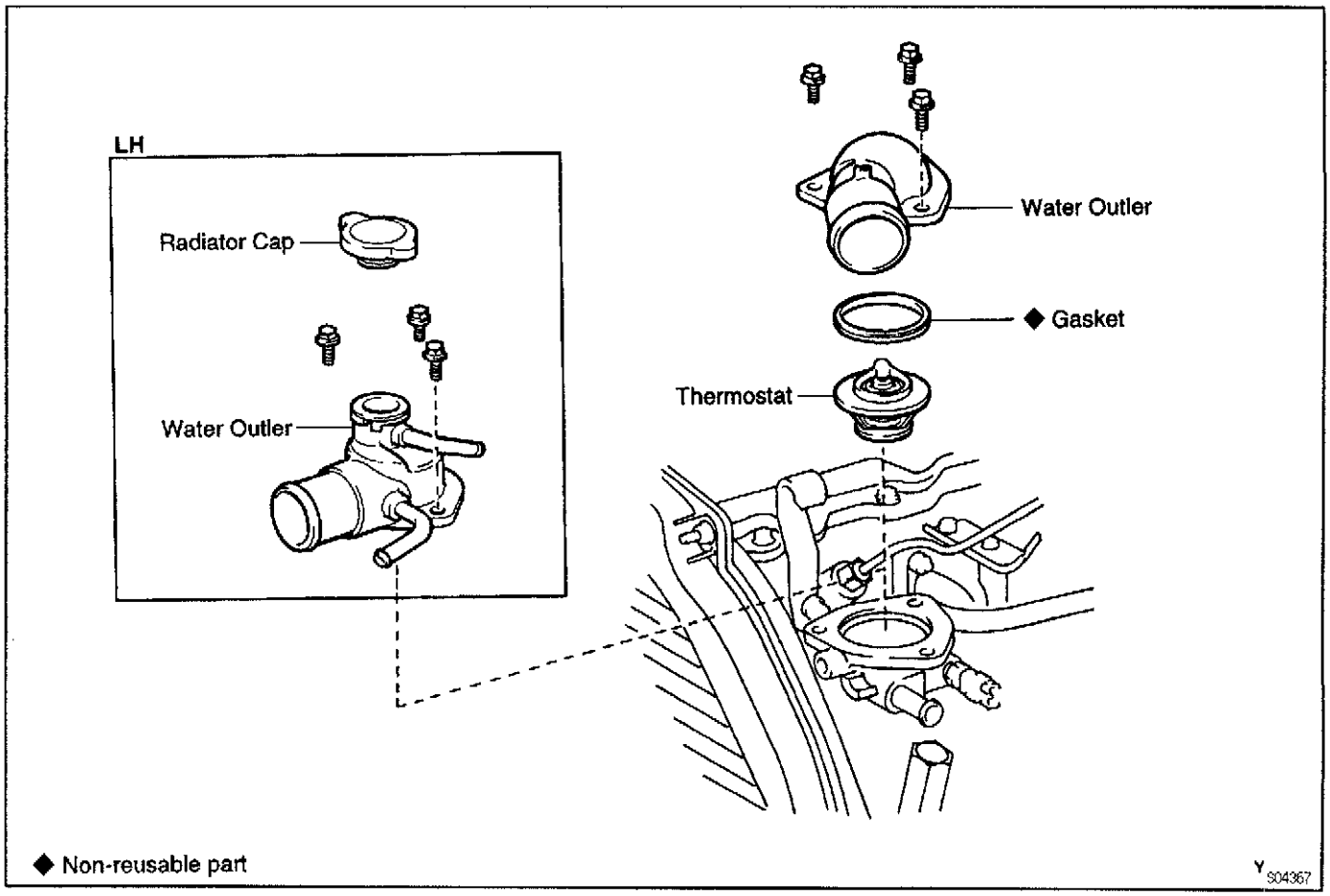
THERMOSTAT

COMPONENTS FOR REMOVAL AND INSTALLATION

EG130-1X



EG

THERMOSTAT REMOVAL

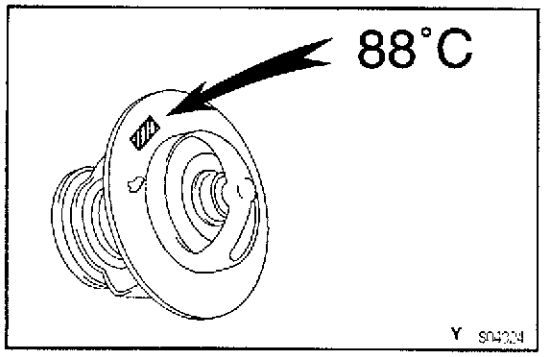
HINT: Removal of the thermostat would have an adverse effect, causing a lowering of cooling efficiency. Do not remove the thermostat, even if the engine tends to overheat.

1. **DRAIN ENGINE COOLANT**
2. **REMOVE WATER OUTLET AND THERMOSTAT**

(a) Remove the 3 bolts, water outlet and thermostat.

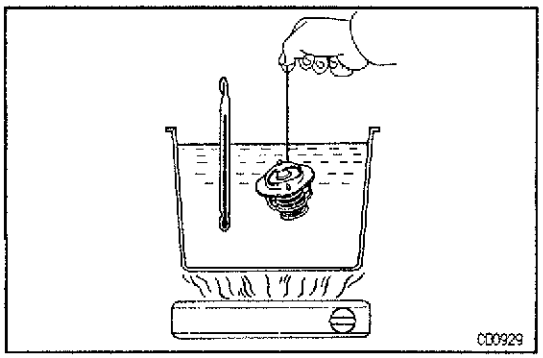
(b) Remove the gasket from the thermostat.

THERMOSTAT INSPECTION



INSPECT THERMOSTAT

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



EG

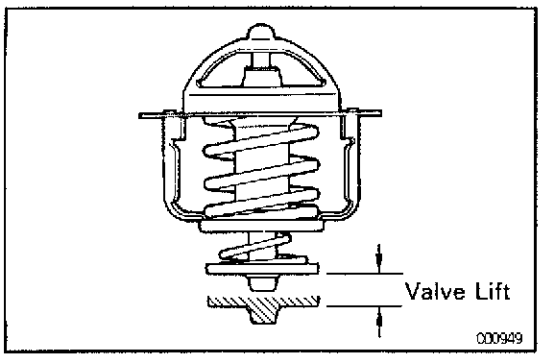
(a) Immerse the thermostat in water and gradually heat the water.

(b) Check the valve opening temperature.

Valve opening temperature:

86 – 90°C (187 – 194°F)

If the valve opening temperature is not as specified, replace the thermostat.



(c) Check the valve lift.

Valve lift:

8 mm (0.31 in.) or more at 100°C (212°F)

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

E07AP-01

1. **PLACE THERMOSTAT IN WATER OUTLET HOUSING**

(a) Install a new gasket to the thermostat.

(b) Insert the thermostat in the water outlet housing.

2. **INSTALL WATER OUTLET AND THERMOSTAT**

Install the water outlet and thermostat with the 3 bolts.

Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)

3. **FILL WITH ENGINE COOLANT**

4. **START ENGINE AND CHECK FOR LEAKS**