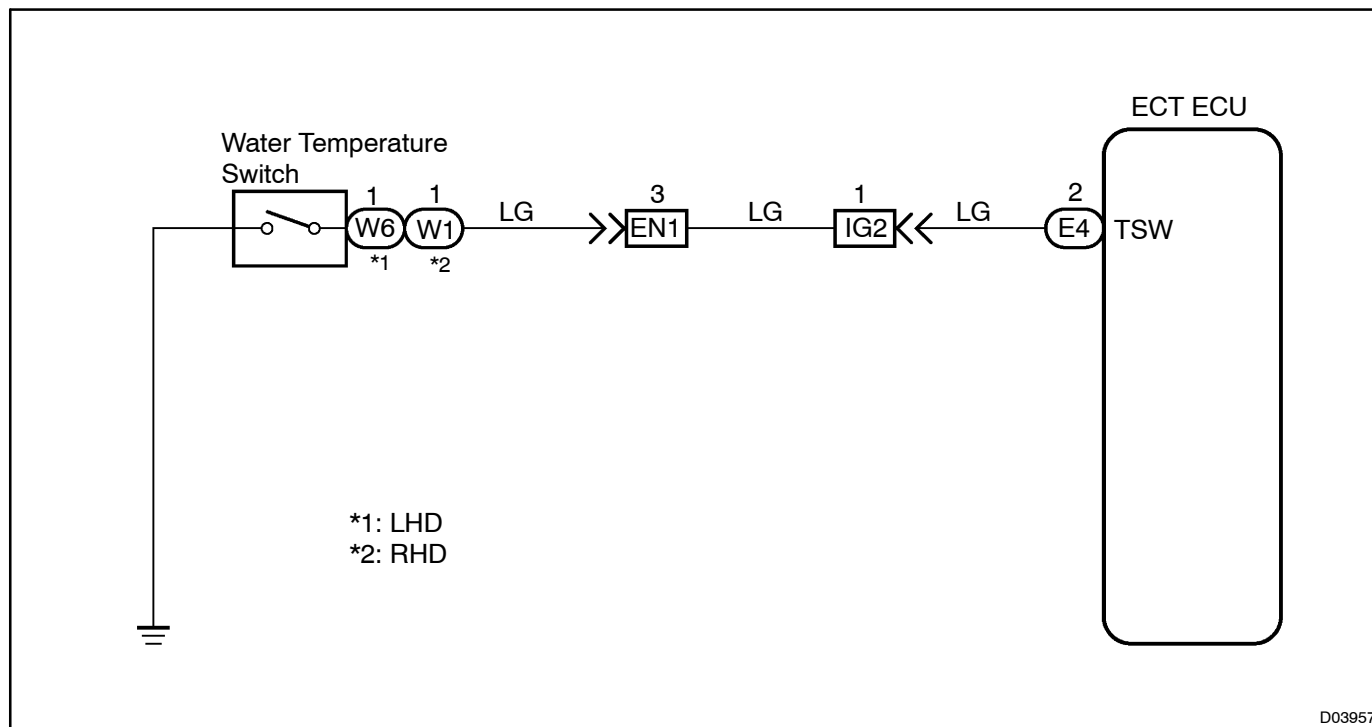


Water Temperature Switch Circuit

CIRCUIT DESCRIPTION

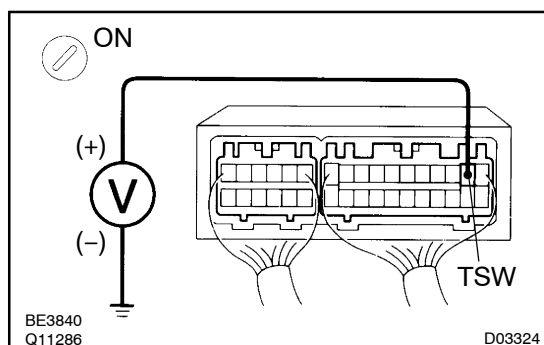
A thermistor built in the water temperature switch changes the resistance value according to the engine coolant temperature.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check voltage between terminals TSW of ECT ECU and body ground

**PREPARATION:**

- (a) Remove the glove compartment door
(See page BO-127).
- (b) Turn the ignition switch ON.

CHECK:

Measure voltage between terminal THW of ECT ECU and body ground.

OK:

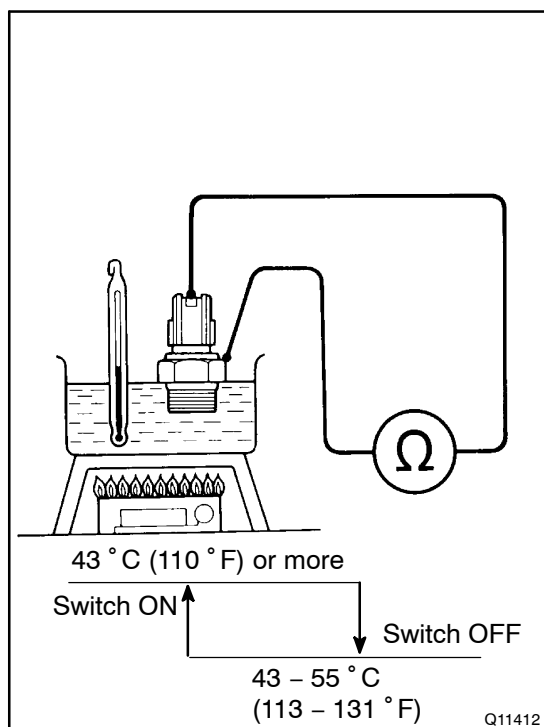
Water Temperature	Voltage
55 °C (131 °F) or more	9.0 – 14 V
43 °C (109 °F) or less	Below 1.5 V

OK

Proceed to next circuit inspection shown in problem symptoms table (See page IN-35).

NG

2 Check pattern select switch.

**PREPARATION:**

Remove the water temperature switch.

CHECK:

Measure resistance between terminal and body of the water temperature switch.

OK:

Water temperature	Resistance
43 °C (110 °F) or more	0 Ω (continuity)
45 – 55 °C (113 – 131 °F)	∞ Ω (open)

NG

Replace the water temperature switch.

OK

3**Check harness and connector between water temperature switch and ECT ECU
([See page IN-35](#)).****NG****Repair or replace the harness or connector.****OK****Check and replace the ECT ECU
([See page IN-35](#)).**