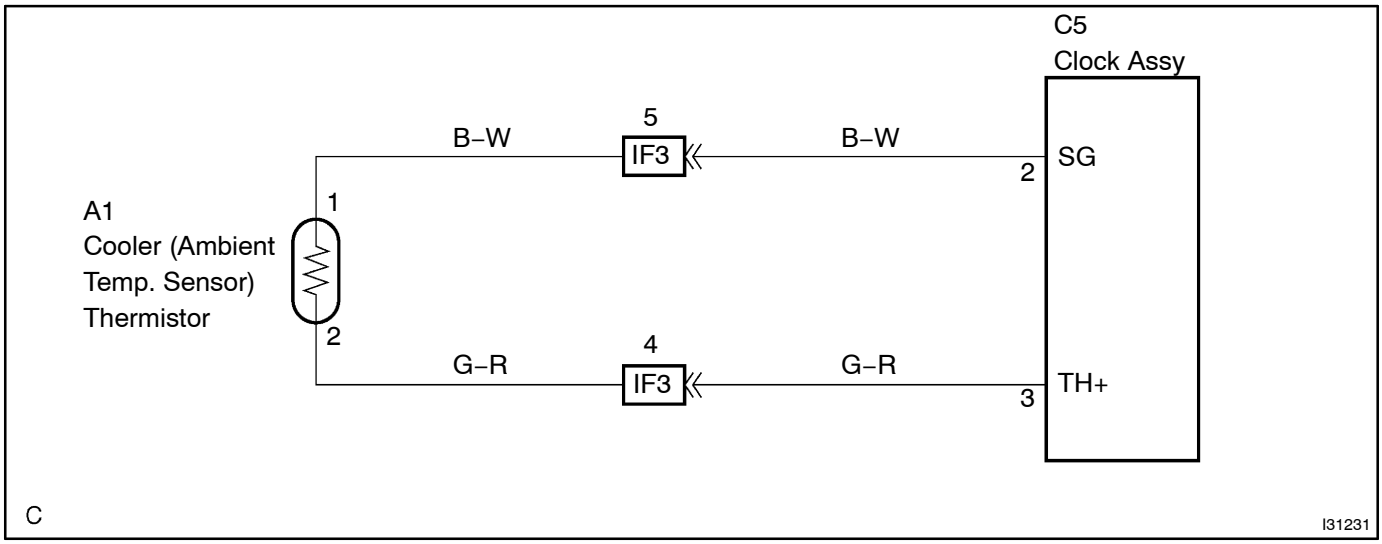
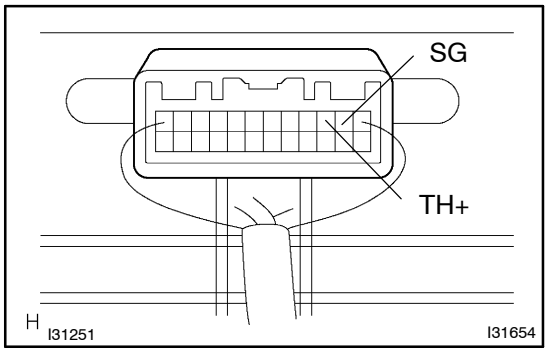
MALFUNCTION IN OUTSIDE TEMPERATURE DISPLAY

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK CLOCK ASSY



(a) Check voltage.
  (1) Remove the clock assy with connector still connected.
  (2) Turn the ignition switch to ON.
  (3) Measure voltage between terminals 2 (SG) and 3 (TH+) of clock assy connector at each temperature.

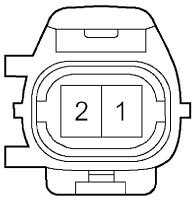
  Voltage:
  at 25 °C (77 °F): 1.35 – 1.75 V
  at 40 °C (104 °F): 0.85 – 1.25 V

HINT:
As the temperature increases, the voltage decreases.

OK → **CHECK AND REPLACE CLOCK ASSY**

NG

2	INSPECT COOLER (AMBIENT TEMP. SENSOR) THERMISTOR



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(a) Disconnect cooler (ambient temp. sensor) thermistor connector.

(b) Measure resistance between terminals 1 and 2 of cooler (ambient temperature sensor) thermistor connector at each temperature.

Resistance:

at 25 °C (77 °F): 1.6 – 1.8 kΩ

at 40 °C (104 °F): 0.5 – 0.7 kΩ

HINT:

As the temperature increases, the resistance decreases.

NG → **REPLACE COOLER (AMBIENT TEMP. SENSOR) THERMISTOR**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR