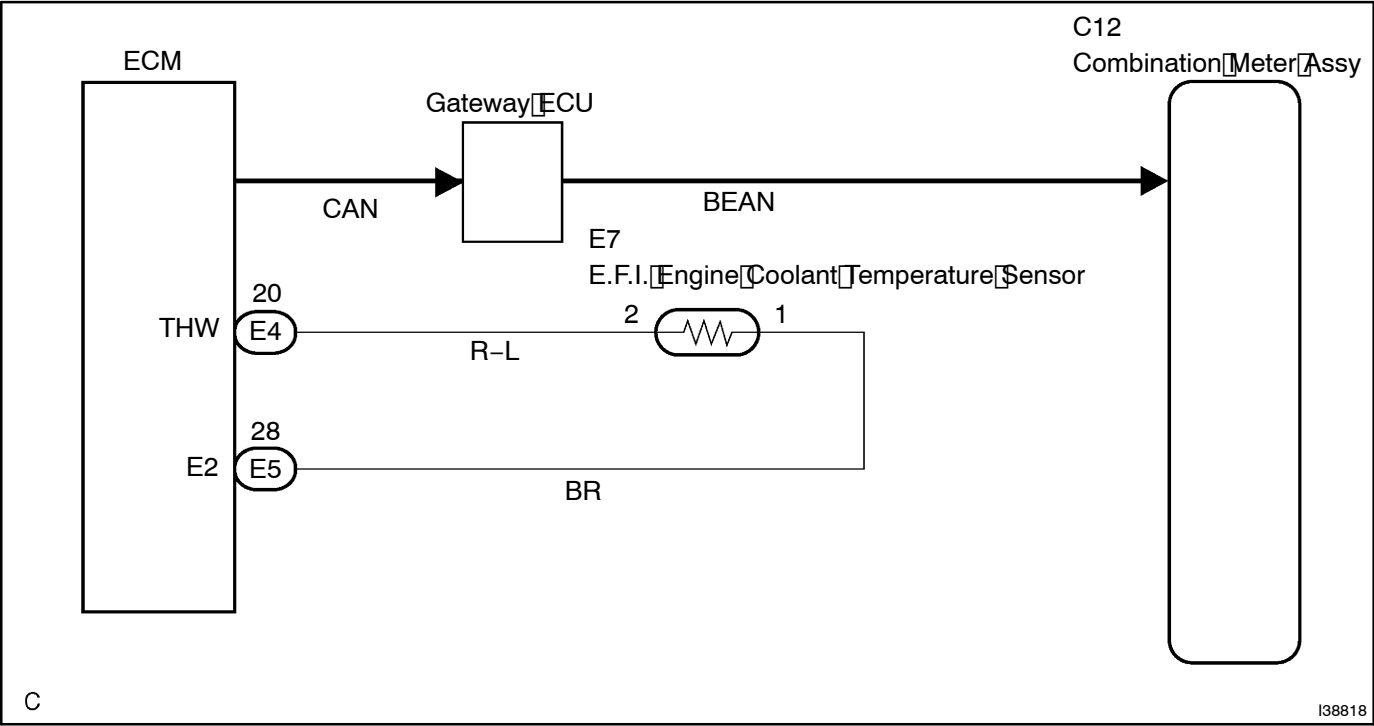# MALFUNCTION IN WATER TEMPERATURE RECEIVER GAUGE

WIRING DIAGRAM

C

I38818

INSPECTION PROCEDURE

HINT:

If there is an open or short in the engine coolant temperature sensor circuit, the ECM outputs DTCs. Perform troubleshooting with the "SFI System 05-948".

1	PERFORM ACTIVE TEST BY INTELLIGENT TESTER II

(a) Operate the intelligent tester II according to the steps on the display and select the "ACTIVE TEST".

METER:

Item	Test Details	Diagnostic Note
Coolant Temp	OFF / Low / Normal / High	–

OK:

Needle indication is normal.

NG	REPLACE COMBINATION METER ASSY (SEE PAGE 71-21)

OK

| 2 | READ VALUE OF INTELLIGENT TESTER II(ENGINE COOLANT) |

(a) Operate the intelligent tester II according to the steps on the display and select the "DATA LIST".
ENGINE:

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
Coolant Temp	Coolant Temperature / Min.: –40°C (–40˚F), Max.: 140°C (284˚F)	After warming up: 80 to 95˚C (176 to 203˚F)	If the value is "–40°C (–40˚F)" or "140°C (284˚F)", sensor circuit is open or shorted.

OK:
Coolant temperature displayed on the tester is between 80°C (176°F) and 95°C (203°F) after warning up.

| NG | GO TO ENGINE CONTROL SYSTEM (**SEE PAGE 05–7**) |

OK

| 3 | REPLACE COMBINATION METER ASSY |

OK:
Normal operation

| NG | GO TO ENGINE CONTROL SYSTEM (**SEE PAGE 05–7**) |

OK

| END |