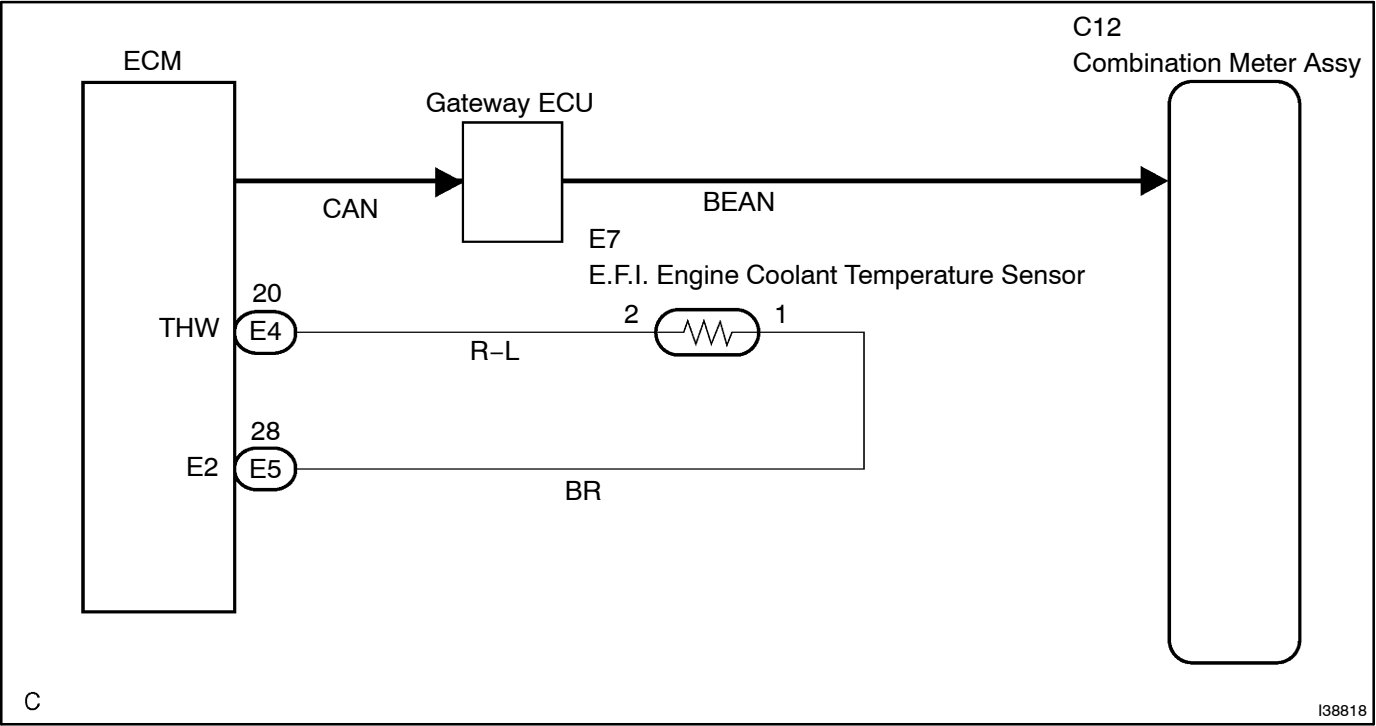


MALFUNCTION IN WATER TEMPERATURE RECEIVER GAUGE

WIRING DIAGRAM



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 warming 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**