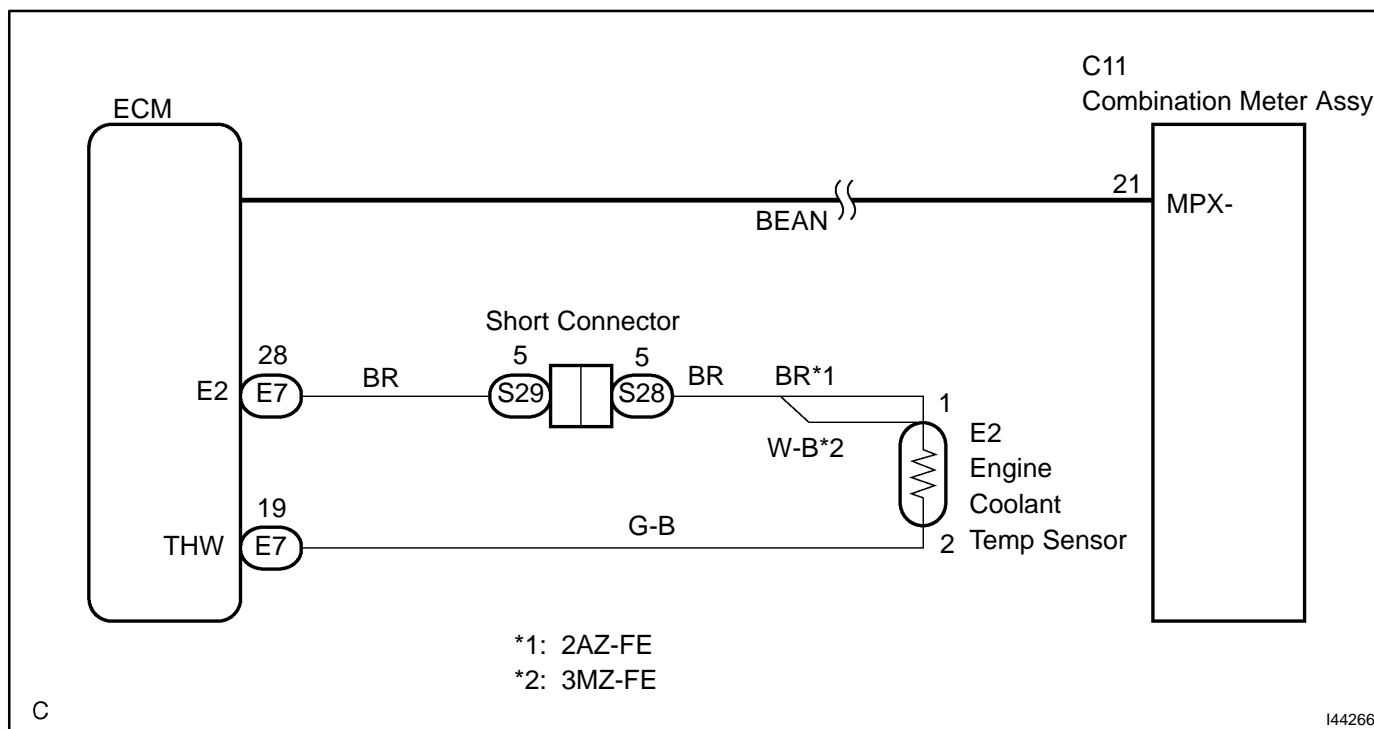


MALFUNCTION IN WATER TEMPERATURE RECEIVER GAUGE

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 [05-5](#) ,[05-366](#) ".

1 PERFORM ACTIVE TEST BY HAND-HELD TESTER

(a) Operate the hand-held tester according to the steps on the display and select the "ACTIVE TEST".

METER:

Item	Test Details	Diagnostic Note
COOLANT TEMP	LOW / NORMAL / HI	-

OK:

Needle indication is normal.

NG

REPLACE COMBINATION METER ASSY
(SEE PAGE [71-18](#))

OK

2	READ VALUE OF HAND-HELD TESTER(ENGINE COOLANT)
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(a) Operate the hand-held tester according to the steps on the display and select the "DATA LIST".

ECM:

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 05-5 , 05-366)**

OK

3	REPLACE COMBINATION METER ASSY
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OK:

Normal operation

NG

**GO TO ENGINE CONTROL SYSTEM
(SEE PAGE 05-5 , 05-366)**

OK

END