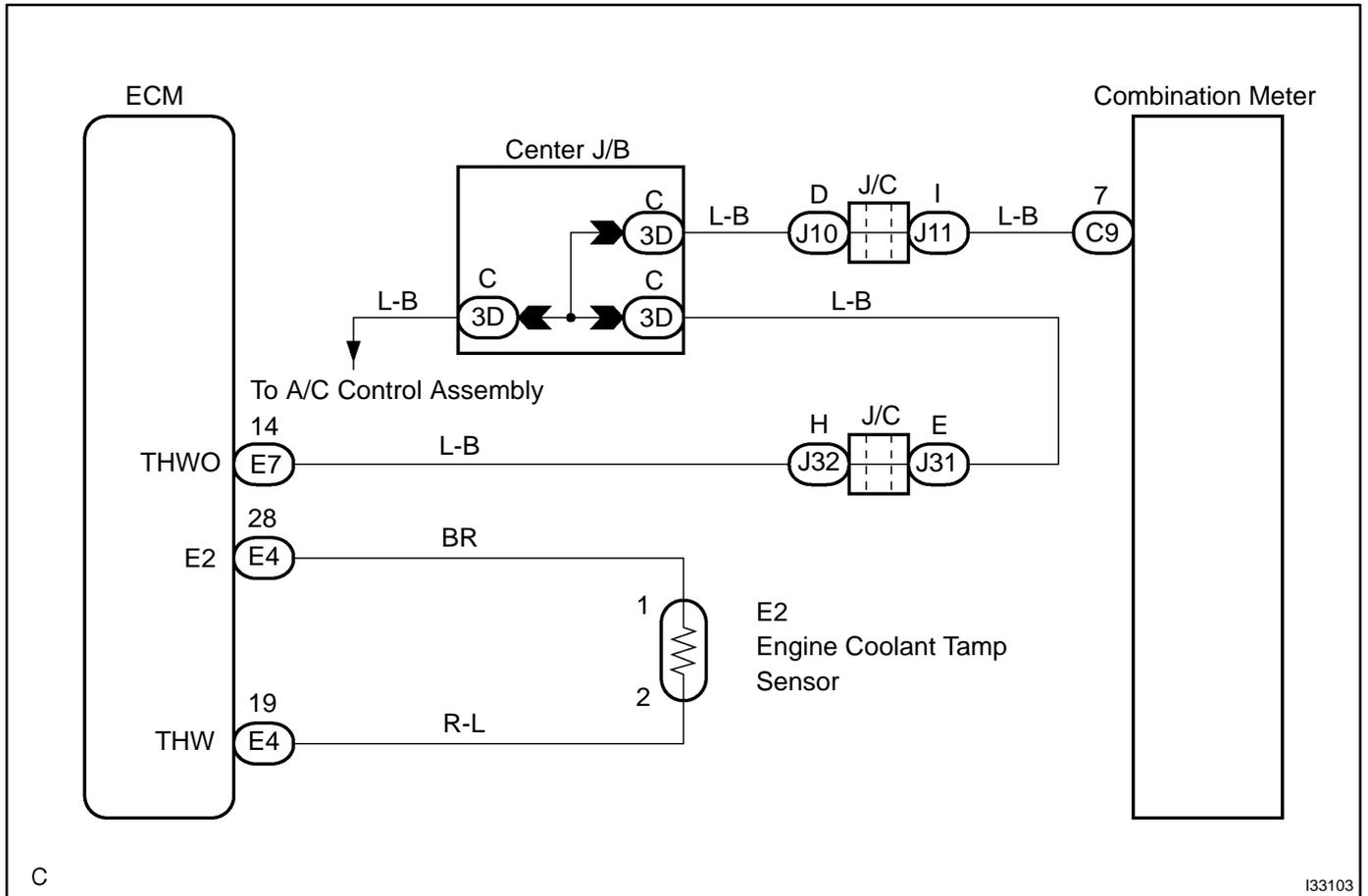


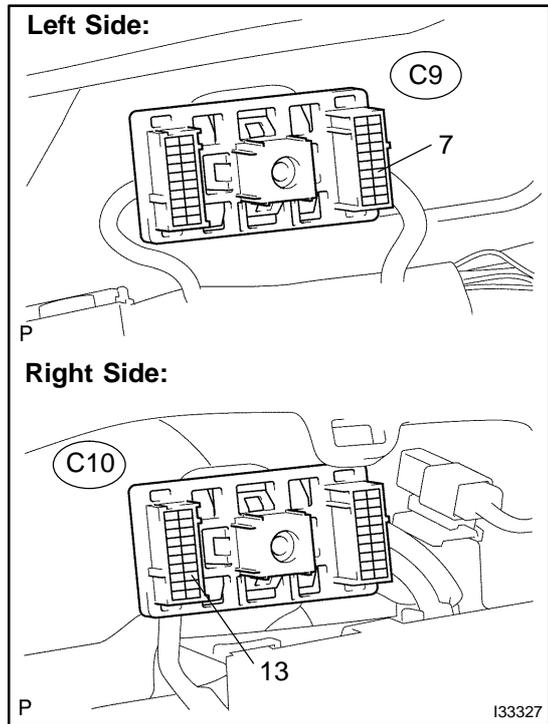
MALFUNCTION IN WATER TEMPERATURE RECEIVER GAUGE

WIRING DIAGRAM



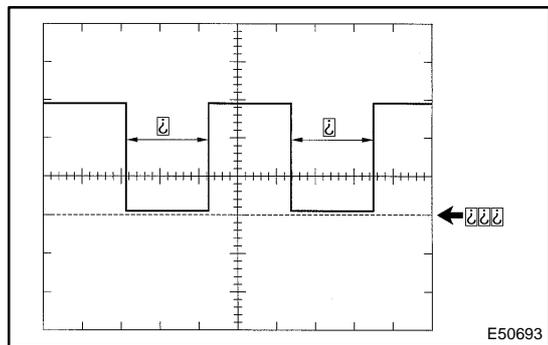
INSPECTION PROCEDURE

1 CHECK COMBINATION METER ASSY



(REFERENCE) INSPECTION USING OSCILLOSCOPE

- (a) Check the input signal waveform.
 - (1) Remove the combination meter assy.
 - (2) Connect the oscilloscope to the terminals C9-7 and C10-13 of the combination meter connector.
 - (3) Start the engine.



- (4) Check the signal waveform.

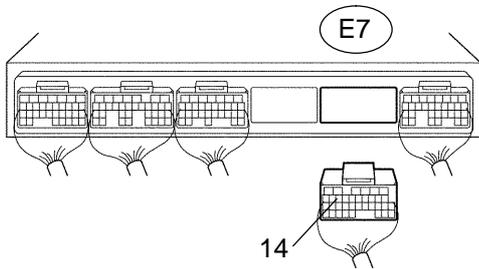
Item	Contents
Tool setting	5 V/ DIV, 100 ms/ DV
Vehicle condition	Engine idle speed

OK → **CHECK AND REPLACE COMBINATION METER ASSY**

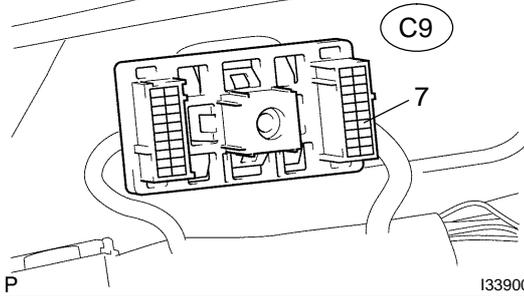
NG

2 CHECK HARNESS AND CONNECTOR(BETWEEN ECM AND COMBINATION METER)

ECM Side:



Left Side:



- (a) Remove the combination meter.
- (b) Check the continuity between terminals E7-14 (THWO) of ECM and C9-7 of the combination meter connector.
Standard: There is continuity.
- (c) Check the continuity between terminals C9-7 of combination meter connector and body ground.
Standard: There is no continuity.

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE ECM