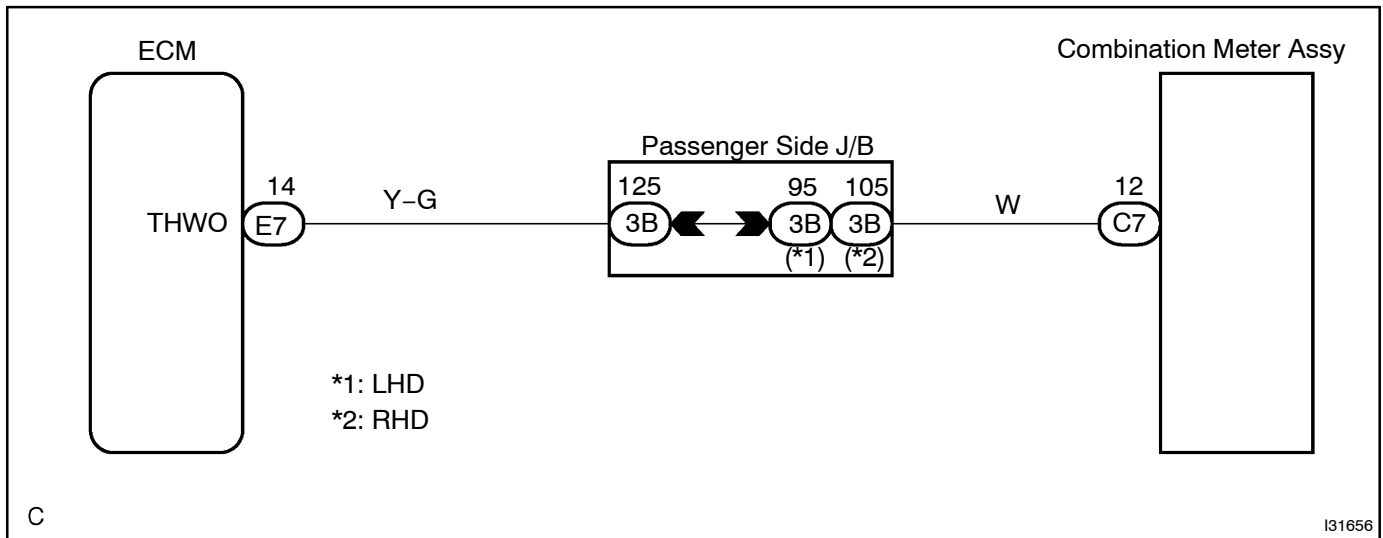


# MALFUNCTION IN WATER TEMPERATURE RECEIVER GAUGE

## WIRING DIAGRAM



## INSPECTION PROCEDURE

### 1 READ VALUE OF HAND-HELD TESTER

- (a) Check output value of ECM.
- (1) Connect the hand-held tester to DLC3.
  - (2) Turn the ignition switch to ON and push the hand-held tester main switch ON.
  - (3) Select the item "COOLANT TEMP" in the DATA LIST and read its value displayed on the hand-held tester.

**OK: Same as actual engine coolant temperature.**

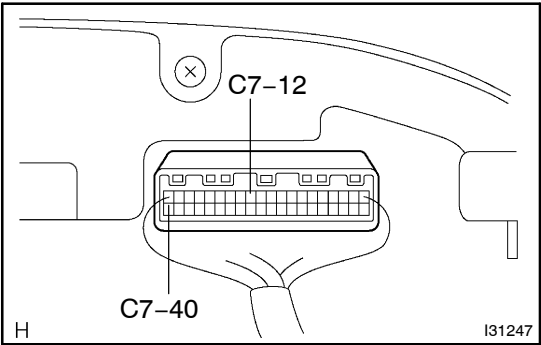
**NG**

**GO TO ENGINE CONTROL SYSTEM**

**OK**

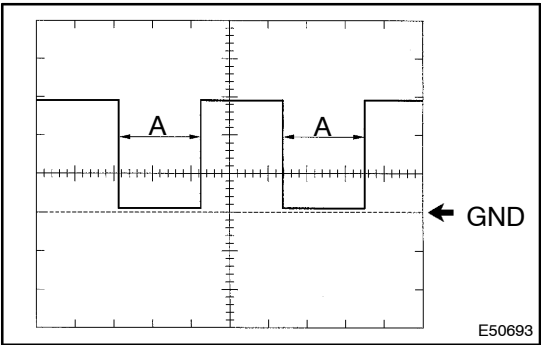
2

CHECK COMBINATION METER ASSY



(REFERENCE) INSPECTION USING OSCILLOSCOPE

- (a) Check the input signal waveform.
- (1) Remove the combination meter assy with connectors still connected.
  - (2) Connect the oscilloscope to the terminals C7-12 and C7-40 of combination meter assy.
  - (3) Start engine.
  - (4) Check the signal waveform.



Item	Contents
Tool setting	10 V/ DIV, 20 ms/ DV
Vehicle condition	Engine idle speed

OK

CHECK AND REPLACE COMBINATION METER ASSY

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR