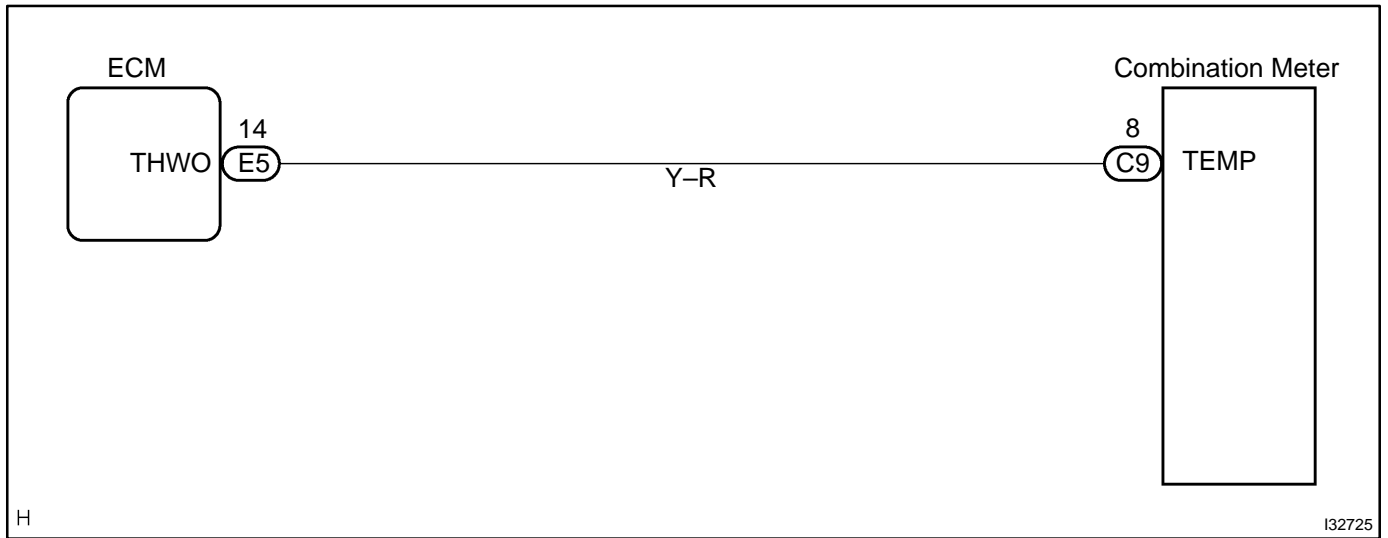


MALFUNCTION IN WATER TEMPERATURE RECEIVER GAUGE

WIRING DIAGRAM



INSPECTION PROCEDURE

1 READ VALUE OF HAND-HELD TESTER

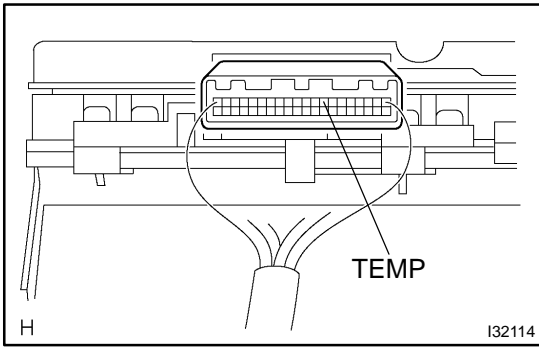
- (a) Check output value of ECM.
 - (1) Connect the hand-held tester to DLC3.
 - (2) Turn the ignition switch to ON and push the hand-held tester main switch ON.
 - (3) Select the DATA LIST mode on the hand-held tester.

Item	Condition	Specified Condition	Mesurement Item /Range (Display)
COOLANT TEMP	After Warming Up	80 - 95°C (176 - 203°F)	Coolant Temperature / Min.: -40°C, Max.: 140°C

NG → **GO TO ENGINE CONTROL SYSTEM**

OK

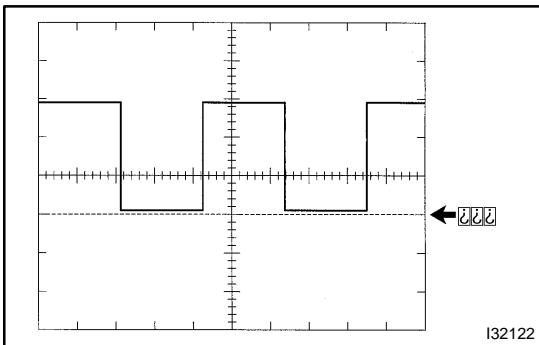
2 INSPECT COMBINATION METER ASSY



(REFERENCE) INSPECTION USING OSCILLOSCOPE

- (a) Check the input signal waveform.
 - (1) Remove the combination meter with connectors still connected.
 - (2) Connect the oscilloscope to the terminals C9-8 of combination meter assy and body ground.
 - (3) Start engine.
 - (4) Check the signal waveform.

Item	Contents
Tool setting	5 V/ DIV, 100 ms/ DV
Vehicle condition	Ignition switch ON



OK CHECK AND REPLACE COMBINATION METER ASSY

NG

3 CHECK HARNESS AND CONNECTOR(BETWEEN ECM AND COMBINATION METER ASSY)

- (a) Remove the combination meter.
- (b) Check the continuity between terminals 14 (THWO) of ECM and C9-8 of combination meter connector.
Standard: There is continuity.

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE ECM