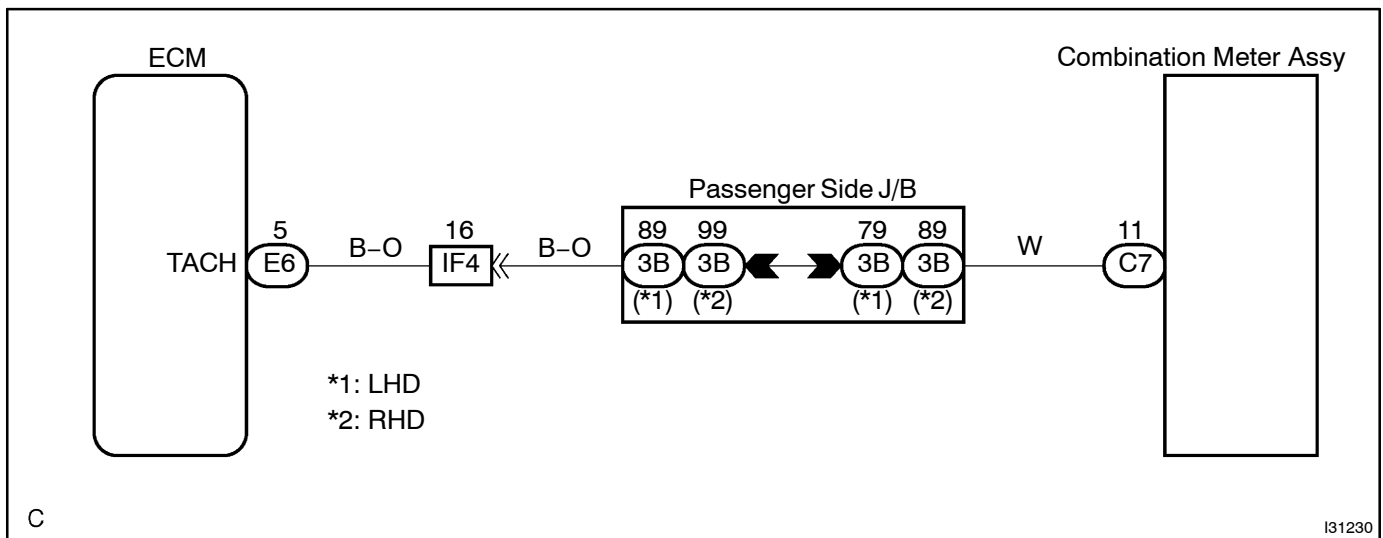


MALFUNCTION IN TACHOMETER

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 "ENGINE SPD" in the DATA LIST and read its value displayed on the hand-held tester.

OK: There is almost no difference in the displayed engine rpm value.

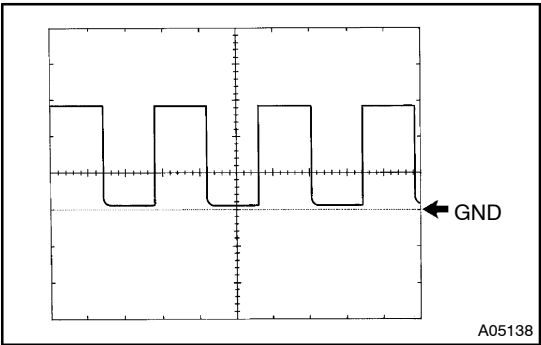
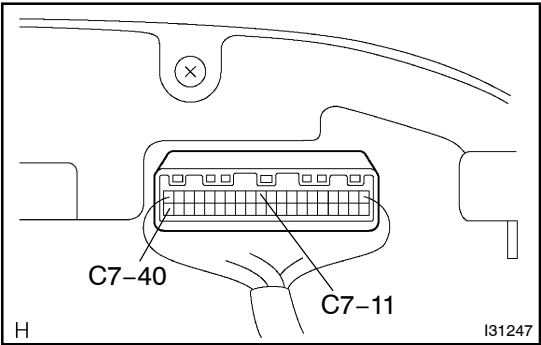
NG

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 C7-11 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