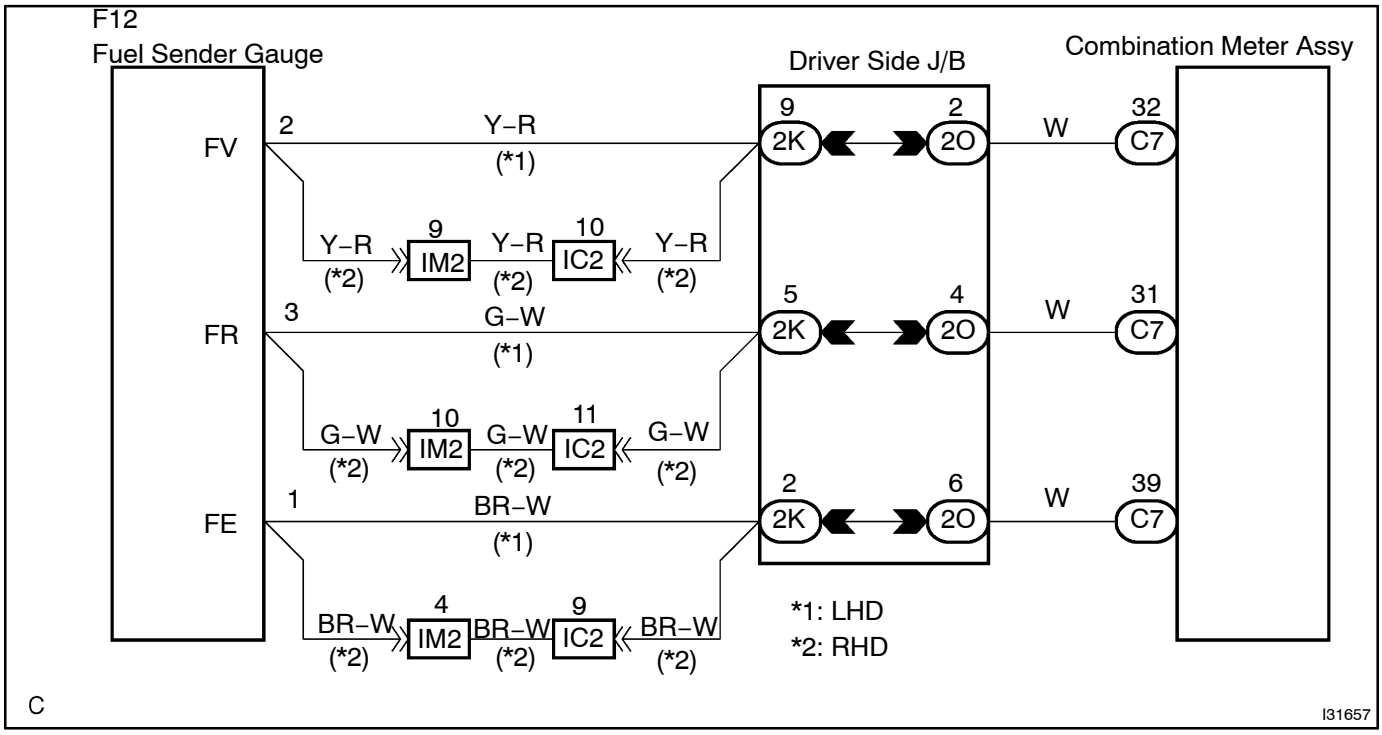
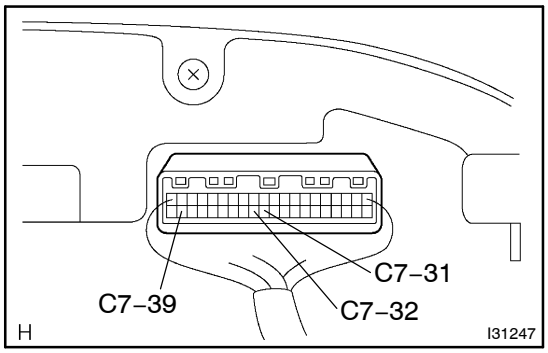
MALFUNCTION IN FUEL RECEIVER GAUGE

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK COMBINATION METER ASSY



(a) Check combination meter voltage.
  (1) Remove the combination meter assy with connectors still connected.
  (2) Measure voltage between terminals C7–32 and C7–39 of combination meter assy.

Standard voltage: 5 V

  (3) Measure voltage between terminals C7–31 and C7–39 of combination meter assy.

Standard voltage:

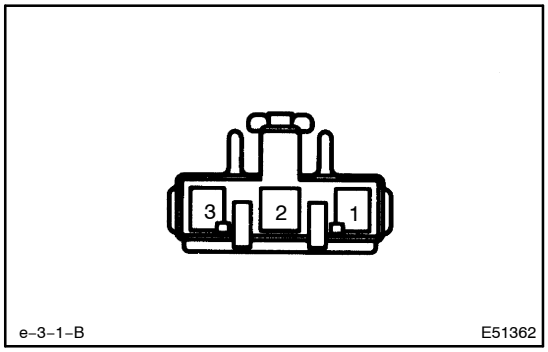
Fuel level	Voltage (V)
F	4.4 ± 0.1
E	0.6 ± 0.1

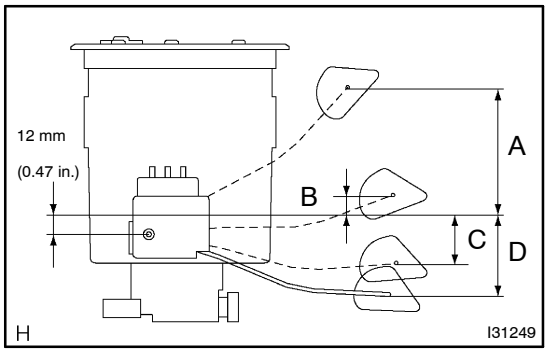
HINT:
As the fuel level is moved from F side to E side, the voltage decreases gradually without interruption.

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

OK

2 INSPECT FUEL SENDER GAGE ASSY





(a) Check fuel sender gauge voltage.
  (1) Remove the fuel sender gauge.
  (2) Connect the positive (+) lead from the three 1.5 V dry cell batteries to terminal 2 (FV) and negative (–) lead to terminal 1 (FE).
  (3) Measure voltage between terminals 1 (FE) and 3 (FR) of fuel sender gauge for each float position, as shown in the chart.

Standard voltage:

Float level	Float position mm (in.)	Voltage (V)
F (A)	73.4 (2.89) ± 3 (0.12)	4.0 – 4.25
1/2 (B)	12.9 (0.51) ± 3 (0.12)	1.78 – 2.18
WARNING (C)	31.5 (1.24) ± 3 (0.12)	0.29 – 0.49
E (D)	51.3 (2.02) ± 3 (0.12)	0

NG → **REPLACE FUEL SENDER GAGE ASSY**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR