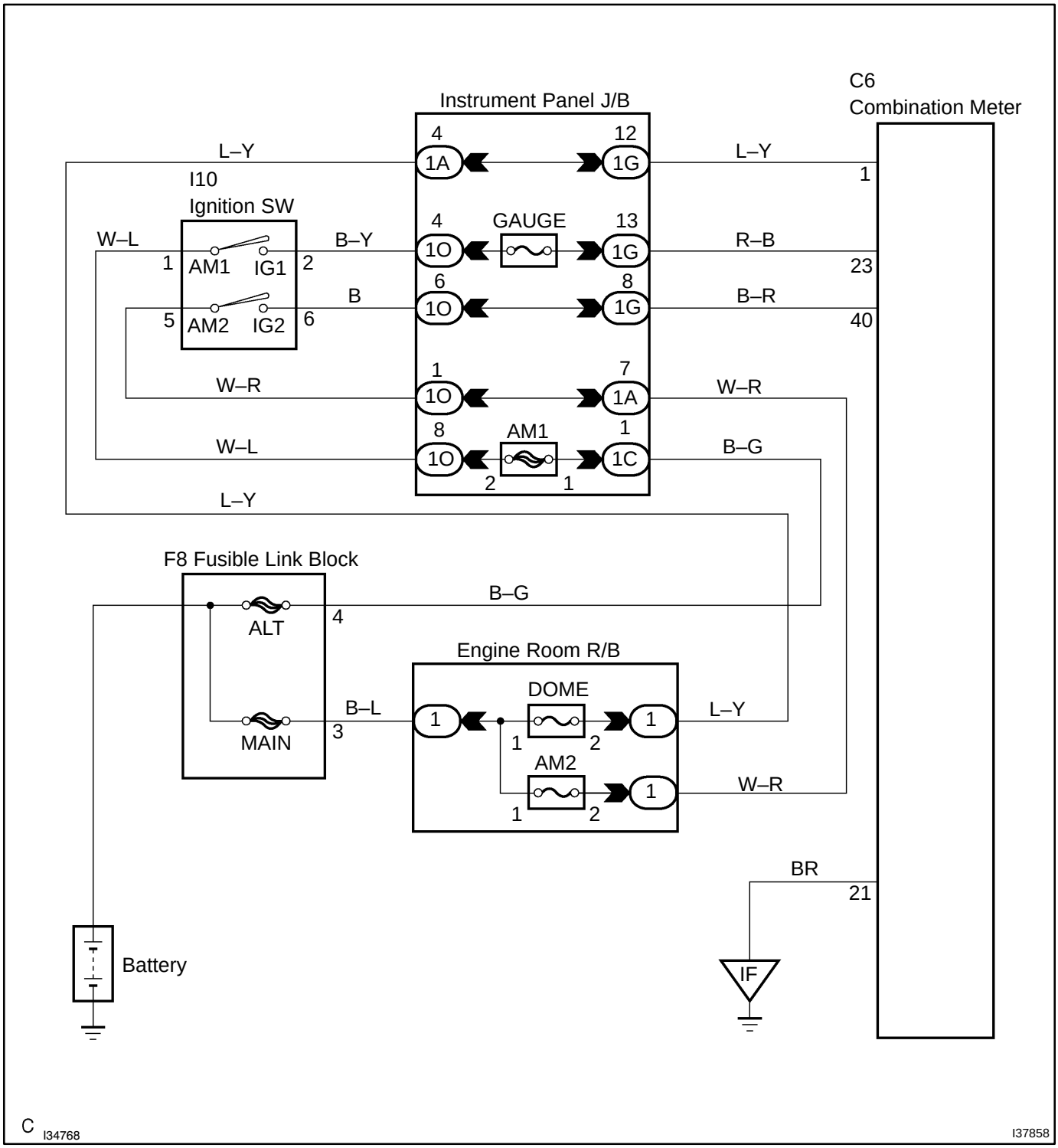
ENTIRE COMBINATION METER DOES NOT OPERATE

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT FUSE

(a) Inspect the ALT fuse and MAIN fuse in the FL block.
Standard:
Below 1 Ω

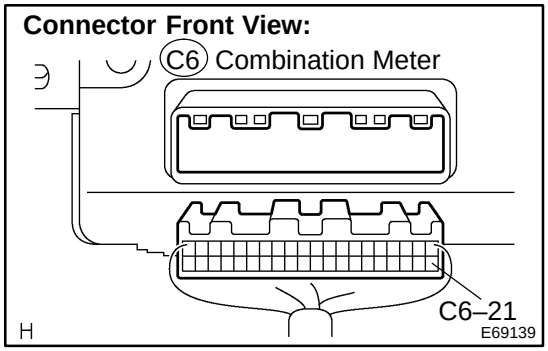
(b) Inspect the DOME fuse and AM2 fuse in the engine room R/B.
Standard:
Below 1 Ω

(c) Inspect the GAUGE fuse and AM1 fuse in the instrument panel junction block assy.
Standard:
Below 1 Ω

NG → **INSPECT FOR SHORT CIRCUIT IN HARNESS AND ALL COMPONENTS CONNECTED TO FUSE**

OK

2	INSPECT COMBINATION METER ASSY(GROUND CIRCUIT)



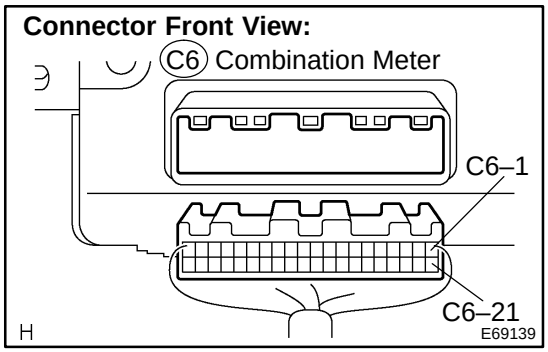
(a) Disconnect the combination meter connector.
(b) Measure the resistance according to the value(s) in the table below.
Standard:

Tester connection	Condition	Specified condition
C6–21 – Body ground	Always	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (See page 01–30)**

OK

3	INSPECT COMBINATION METER ASSY



(a) Disconnect the combination meter connector.
(b) Measure the voltage according to the value(s) in the table below.
Standard:

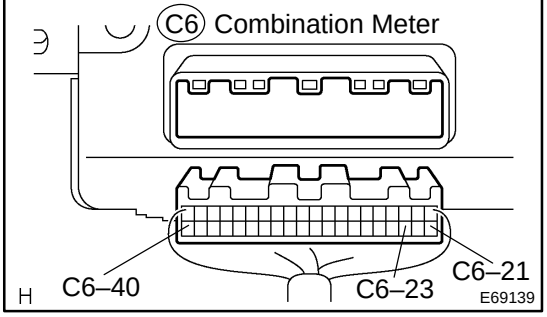
Tester connection	Condition	Specified condition
C6–1 – C6–21	Always	10 to 14 V

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (BATTERY – COMBINATION METER ASSY) (See page 01–30)**

OK

4 INSPECT COMBINATION METER ASSY

Connector Front View:



(a) Disconnect the combination meter connector.
(b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
C6–21 – C6–23	Ignition switch OFF → ON	Below 1 V → 10 to 14 V
C6–21 – C6–40	Ignition switch OFF → ON	Below 1 V → 10 to 14 V

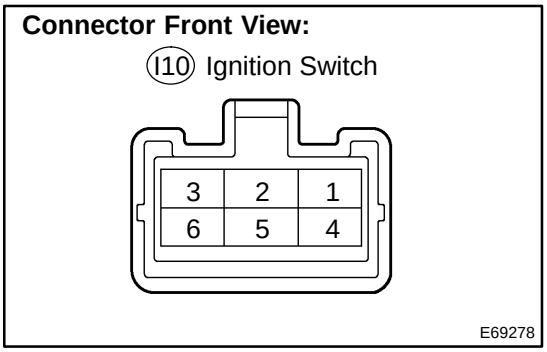
NG → **Go to step 5**

OK

REPLACE COMBINATION METER ASSY (See page 71–28)

5 INSPECT IGNITION SWITCH

Connector Front View:



(a) Disconnect the ignition switch connector.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

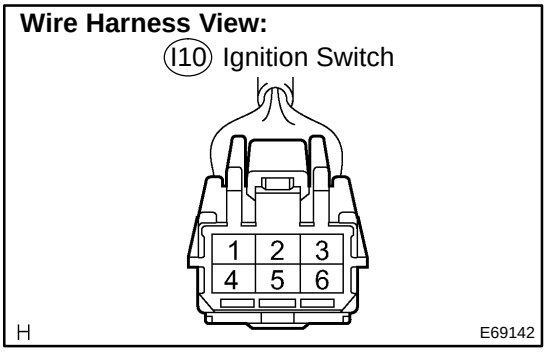
Tester connection	Condition	Specified condition
I10–1 – I10–2	Ignition switch OFF → ON	10 kΩ or higher → Below 1 Ω
I10–5 – I10–6	Ignition switch OFF → ON	10 kΩ or higher → Below 1 Ω

NG → **REPLACE IGNITION SWITCH**

OK

6 CHECK HARNESS AND CONNECTOR

Wire Harness View:



(a) Disconnect the ignition switch connector.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
I10–1 – Body ground	Always	10 to 14 V
I10–5 – Body ground	Always	10 to 14 V

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (IGNITION SWITCH – BATTERY) (See page 01–30)**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (COMBINATION METER ASSY – IGNITION SWITCH) (See page 01–30)