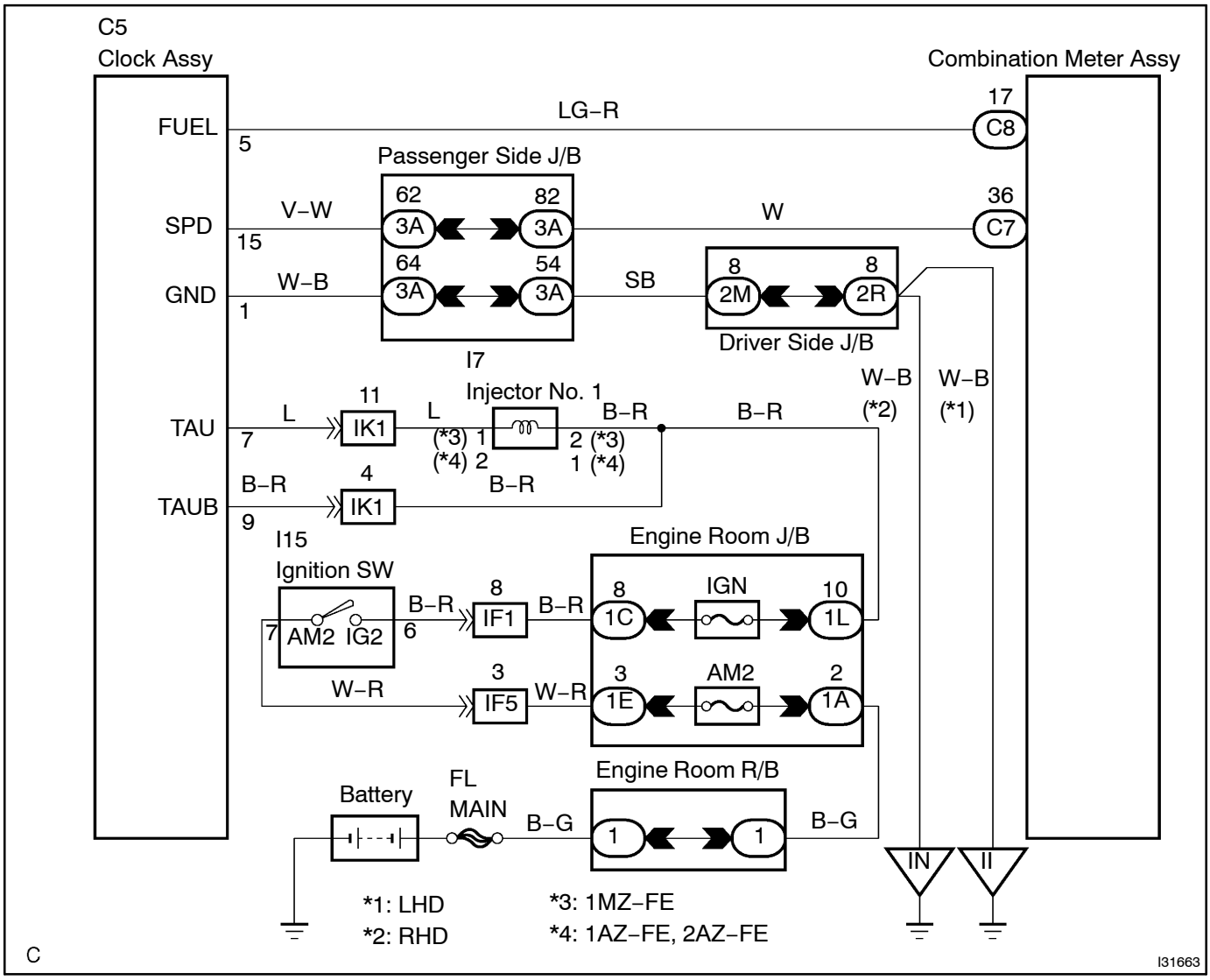
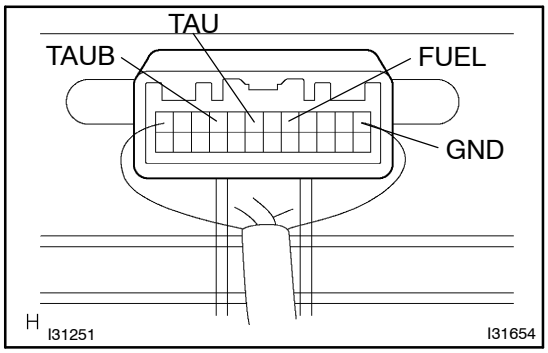
MALFUNCTION IN POSSIBLE RUNNING DISTANCE DISPLAY

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK CLOCK ASSY(FUEL, TAU, TAUB, SPD)



(a) Remove the clock assy with connector still connected.

(b) Check voltage (FUEL signal).

(1) Measure voltage between terminal 5 (FUEL) of clock assy and body ground.

Standard voltage:

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

(c) Check voltage (TAUB signal).

(1) Turn the ignition switch to ON.

(2) Measure the voltage between terminal 9 (TAUB) of clock assy connector and body ground.

Standard voltage: 10 – 14 V

(d) Check voltage (TAU signal).

(1) Turn the ignition switch to ON.

(2) Measure the voltage between terminal 7 (TAU) of clock assy connector and body ground.

Standard voltage: 10 – 14 V

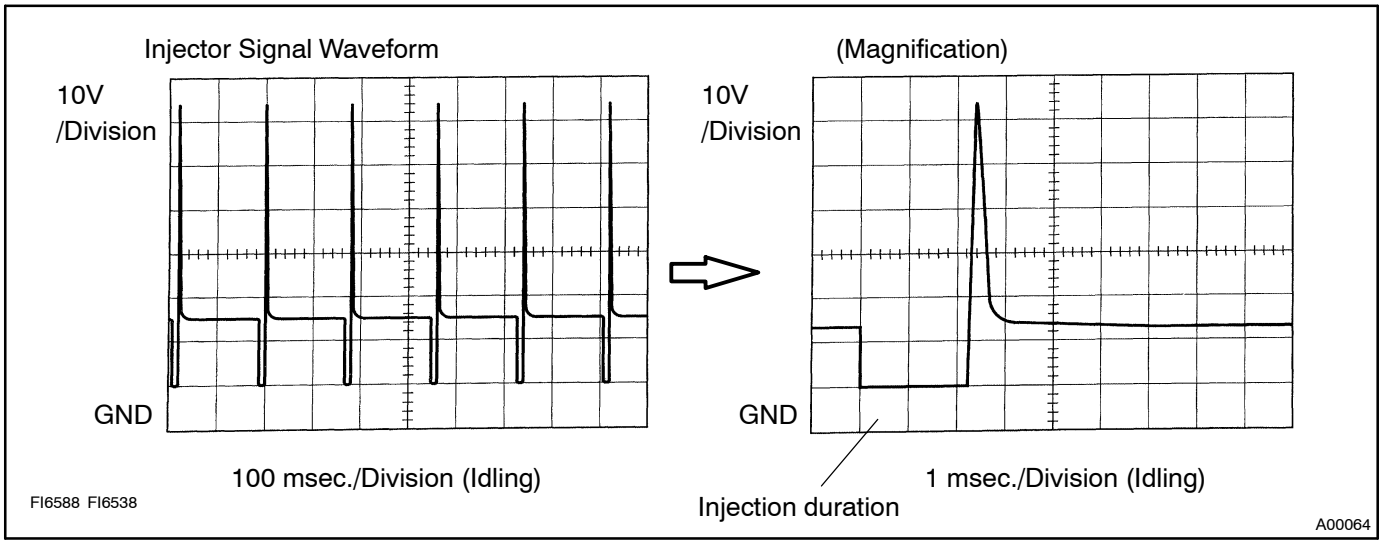
(e) Check signal waveform (TAU signal).

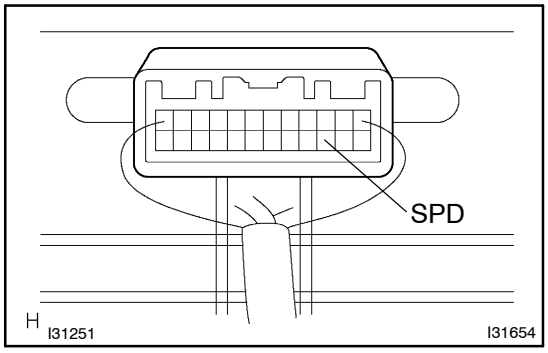
(1) Connect the oscilloscope to the terminals 1 (GND) and 7 (TAU) of clock assy connector.

(2) Start engine.

(3) Check the signal waveform.

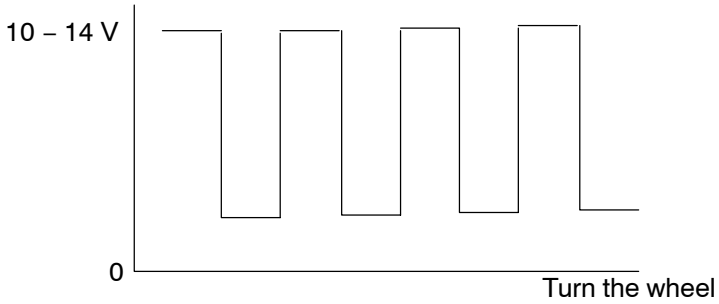
Item	Contents
Tool setting	10 V/ DIV, 100 ms/ DV
Vehicle condition	Engine idle speed





(f) Check voltage (SPD signal).
(1) Jack up either of the front wheels.
(2) Shift the shift lever to neutral.
(3) Turn the ignition switch to ON.
(4) Measure the voltage between terminal 15 (SPD) of clock assy and body ground when front wheel is turning slowly.

Standard voltage:
Voltage is generated intermittently.



Result:

A	OK
B	TAU signal: NG
C	FUEL signal: NG
D	TAUB signal: NG
E	SPD signal: NG

B → **GO TO FUEL SYSTEM**

C → **Go to step 2**

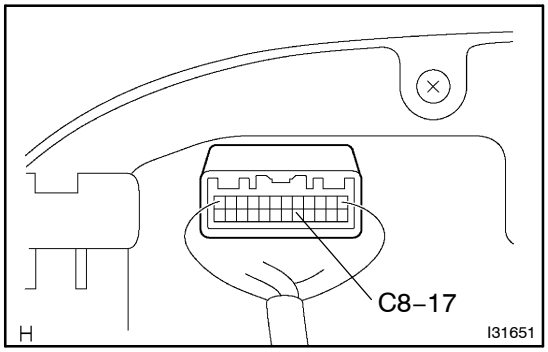
D → **Go to step 3**

E → **Go to step 4**

A

CHECK AND REPLACE CLOCK ASSY

2 CHECK COMBINATION METER ASSY



(a) Remove the combination meter assy with connectors still connected.

(b) Measure the voltage between terminal C8–17 of combination meter assy and body ground.

Standard voltage:

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

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

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR

3 INSPECT FUSE(IGN)

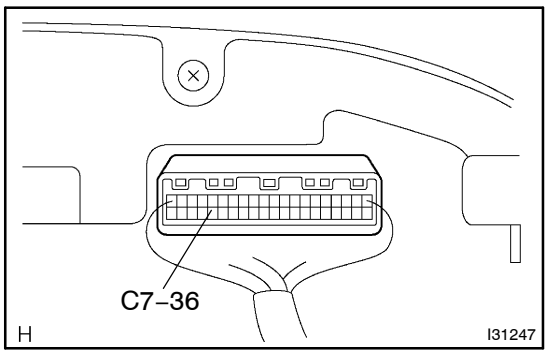
(a) Check the continuity in IGN fuse.

NG → **REPLACE FUSE**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR

4	CHECK COMBINATION METER ASSY



(a) Remove the combination meter assy with connectors still connected.

(b) Check voltage.

(1) Jack up either of the front wheels.

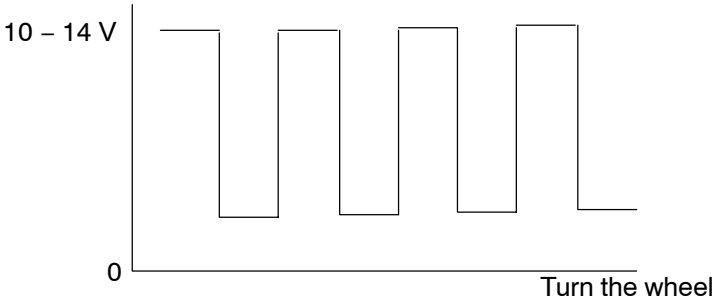
(2) Shift the shift lever to neutral.

(3) Turn the ignition switch to ON.

(4) Measure the voltage between terminal C7–36 of combination meter assy and body ground when front wheel is turning slowly.

Standard voltage:

Voltage is generated intermittently.



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

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR