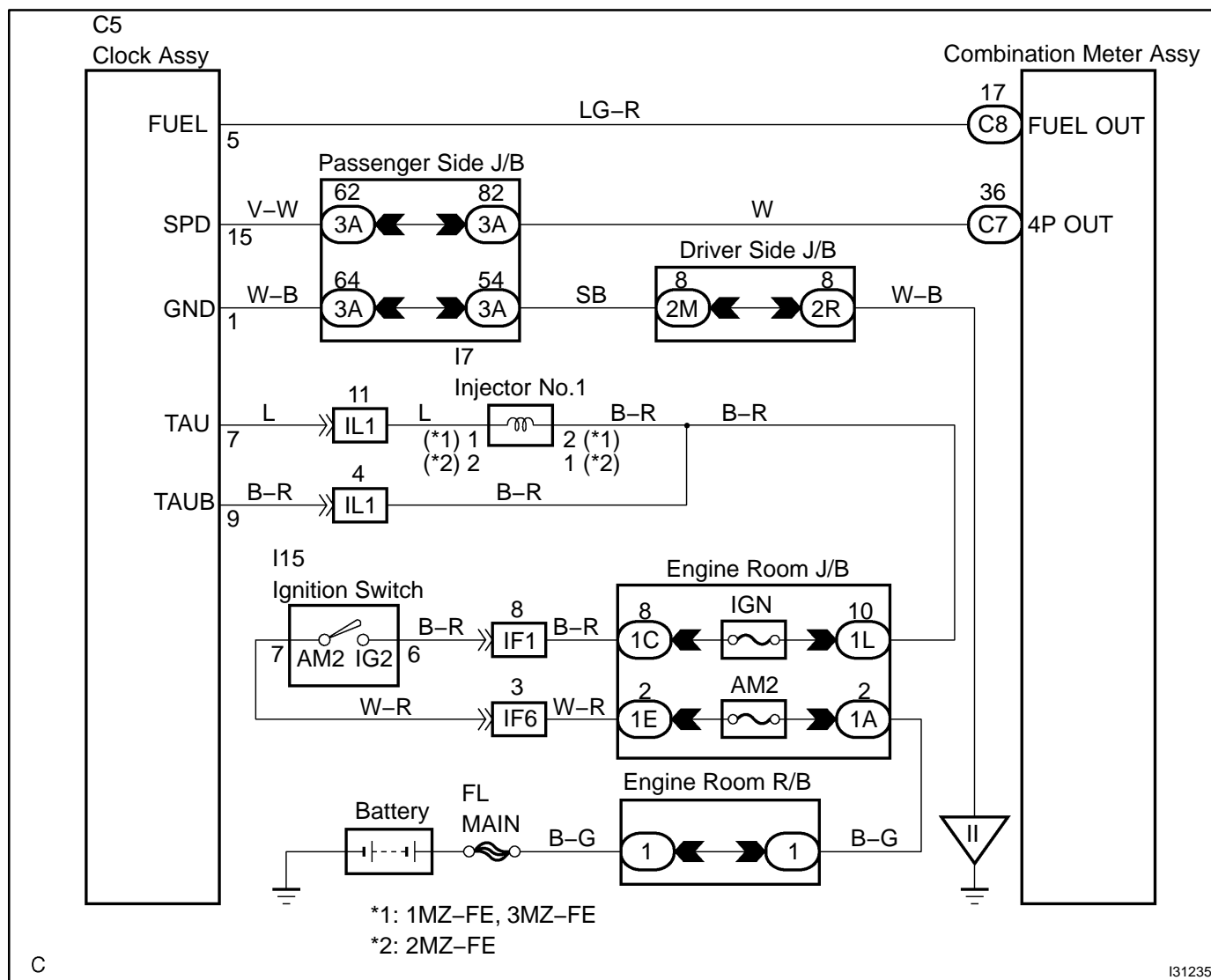


MALFUNCTION IN POSSIBLE RUNNING DISTANCE DISPLAY

CIRCUIT DESCRIPTION

This circuit is used only in the vehicle equipped with the automatic A/C.

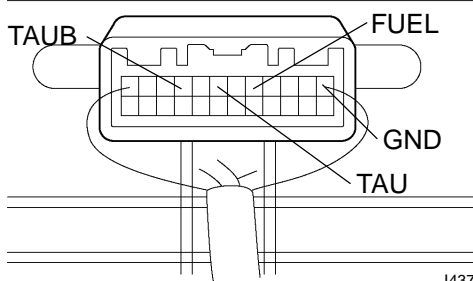
WIRING DIAGRAM



INSPECTION PROCEDURE

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

Clock Assy Connector Front View:



I43794

- (a) Remove the clock assy with the connector still connected.
- (b) Measure the voltage between terminal 5 (FUEL) of the clock assy and body ground.

Standard:

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

- (c) Turn the ignition switch to ON.
- (d) Measure the voltage between terminal 9 (TAUB) of the clock assy connector and body ground.

Standard: 10 to 14 V

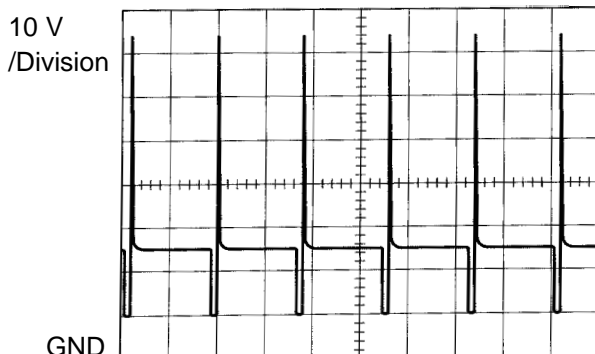
- (e) Turn the ignition switch to ON.
- (f) Measure the voltage between terminal 7 (TAU) of the clock assy connector and body ground.

Standard: 10 to 14 V

- (g) Connect the oscilloscope to the terminals 1 (GND) and 7 (TAU) of the clock assy connector.
- (h) Start the engine.
- (i) Check the signal wave form (TAU signal).

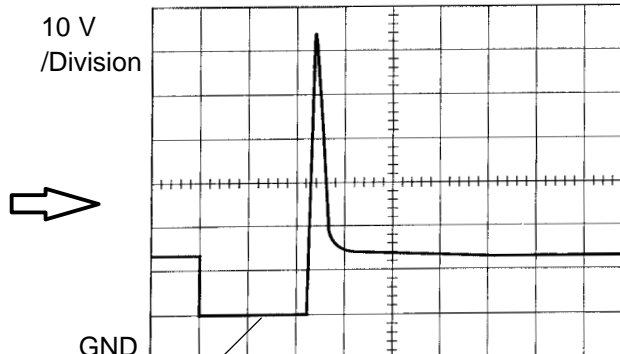
Item	Condition
Tool setting	10 V/DIV, 100 ms/DV
Vehicle condition	Engine idle speed

Injector Signal Wave Form



100 msec./Division (Idling)

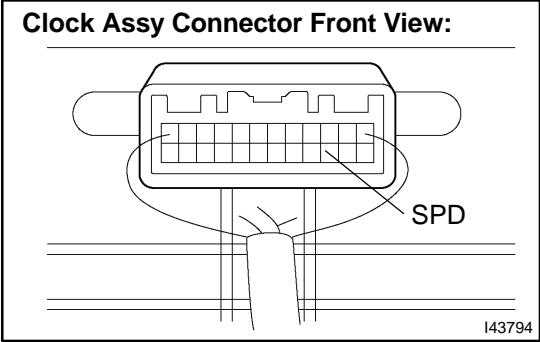
(Magnification)



Injection duration

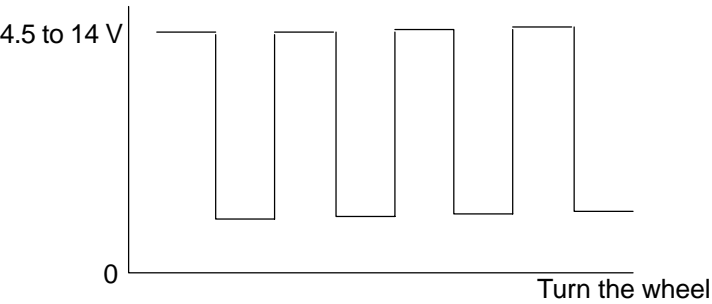
1 msec./Division (Idling)

A87984



- (j) Jack up either of the front wheels.
- (k) Shift the shift lever to neutral.
- (l) Turn the ignition switch to ON.
- (m) Measure the voltage between terminal 15 (SPD) of the clock assy and body ground when the front wheel is turned slowly.

OK:
Voltage is generated intermittently.



Result:

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

B **GO TO FUEL SYSTEM (SEE PAGE 05-5(2AZ-FE), 05-353(2AZ-FE(PZEV)), 05-496(1MZ-FE/3MZ-FE))**

C **Go to step 2**

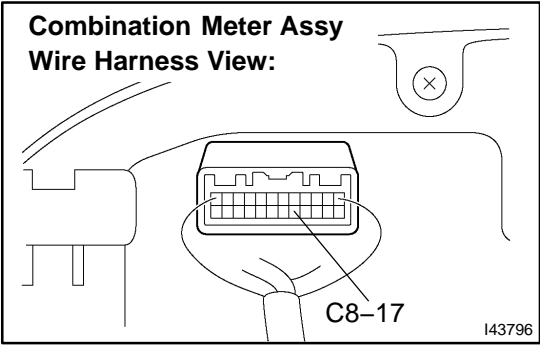
D **Go to step 3**

E **Go to step 4**

A

REPLACE CLOCK ASSY (SEE PAGE 71-30)

2 INSPECT COMBINATION METER ASSY



- (a) Remove the combination meter assy with the connectors still connected.
- (b) Measure the voltage between terminal C8-17 (FUEL OUT) of the combination meter assy and body ground.

Standard:

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

NG → **REPLACE COMBINATION METER ASSY
(SEE PAGE 71-29)**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR

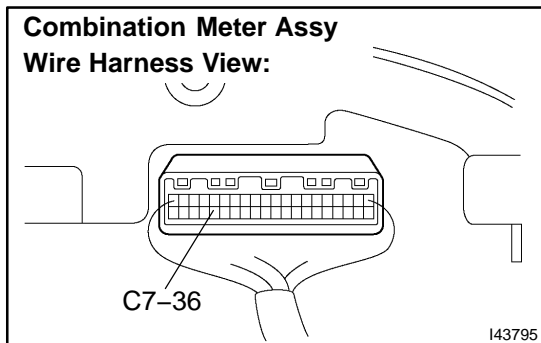
3 INSPECT FUSE(IGN)

- (a) Check the continuity in the IGN fuse.

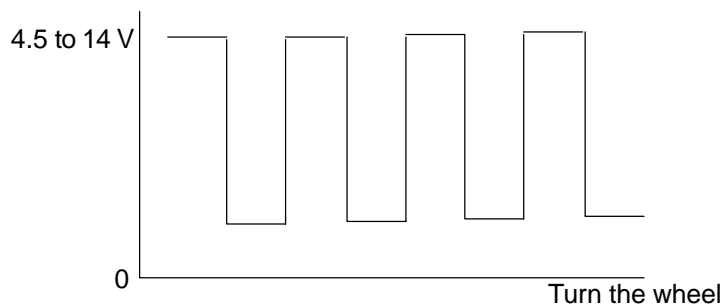
NG → **REPLACE FUSE**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR

4 INSPECT COMBINATION METER ASSY**Combination Meter Assy
Wire Harness View:**

- (a) Remove the combination meter assy with the connectors still connected.
- (b) Jack up either of the front wheels.
- (c) Shift the shift lever to neutral.
- (d) Turn the ignition switch to ON.
- (e) Measure the voltage between terminal C7-36 of the combination meter assy and body ground when the front wheel is turned slowly.

OK:**Voltage is generated intermittently.****NG****REPLACE COMBINATION METER ASSY
(SEE PAGE 71-29)****OK****REPAIR OR REPLACE HARNESS OR CONNECTOR**