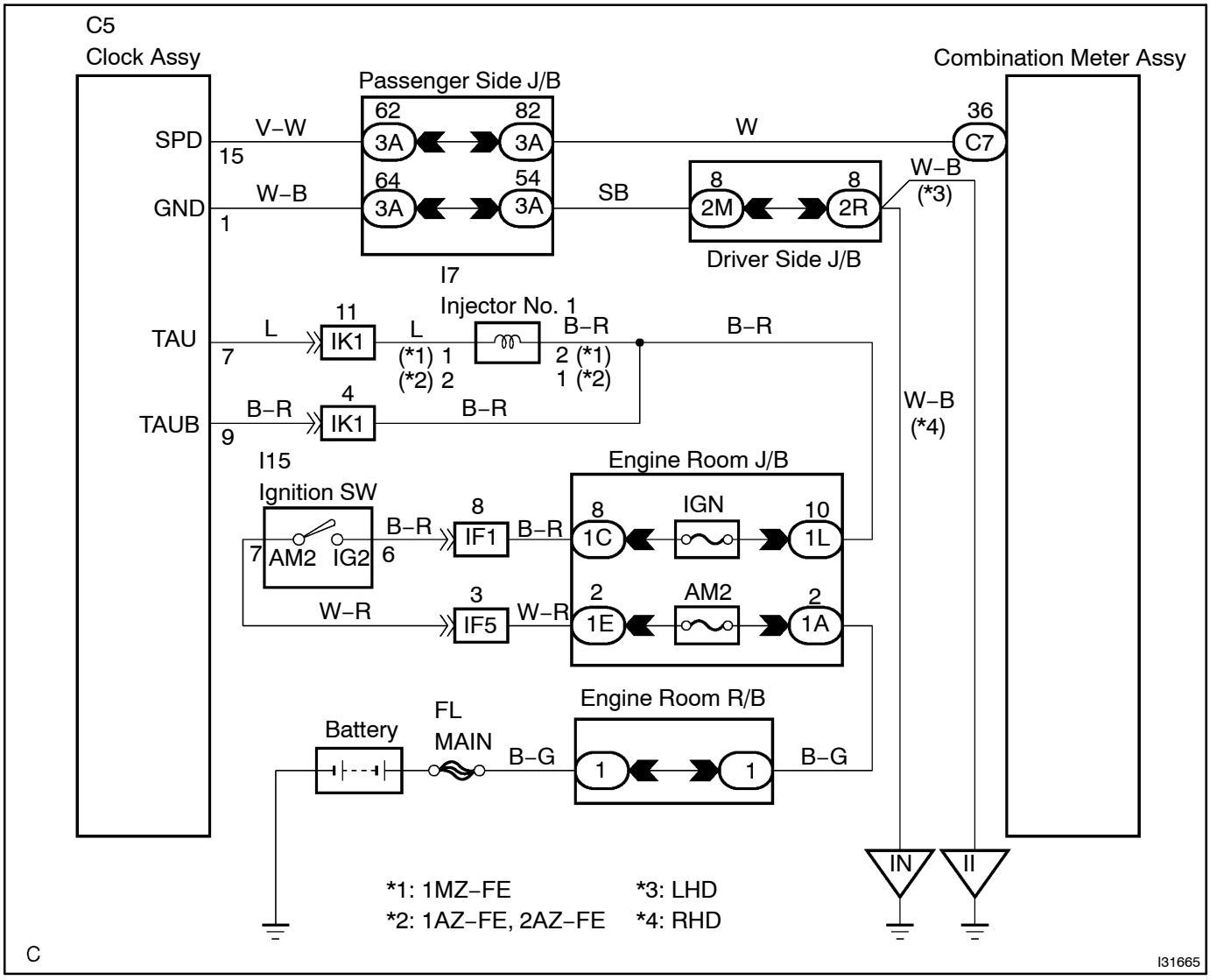
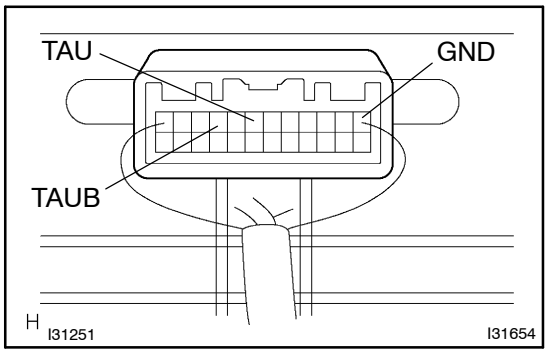
# MALFUNCTION IN AVERAGE FUEL CONSUMPTION/INSTANTANEOUS FUEL CONSUMPTION DISPLAY

## WIRING DIAGRAM



# INSPECTION PROCEDURE

| 1 | CHECK CLOCK ASSY(TAU, TAUB, SPD) |
|---|---|




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

(b) 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.

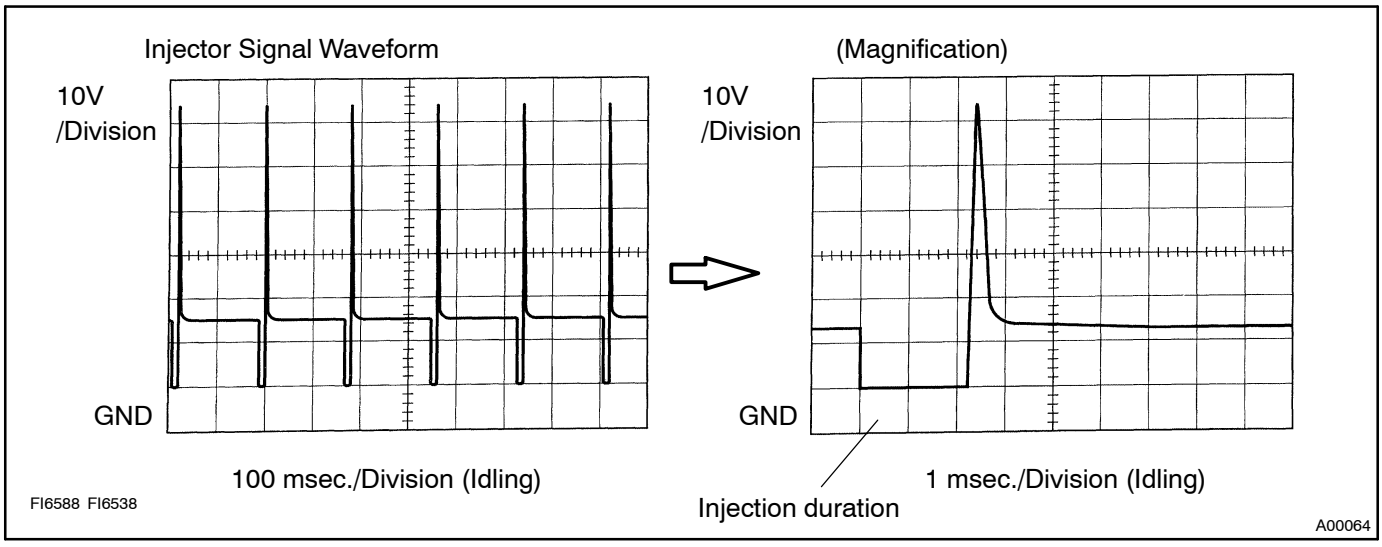
  **Standard voltage: 10 – 14 V**

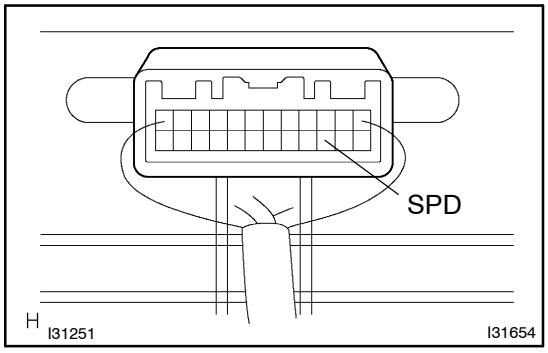
(c) Check voltage (TAU signal).
  (1) Turn the ignition switch to ON.
  (2) Measure the voltage between terminal 7 (TAU) of clock assy connector and body ground.

  **Standard voltage: 10 – 14 V**

(d) 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.

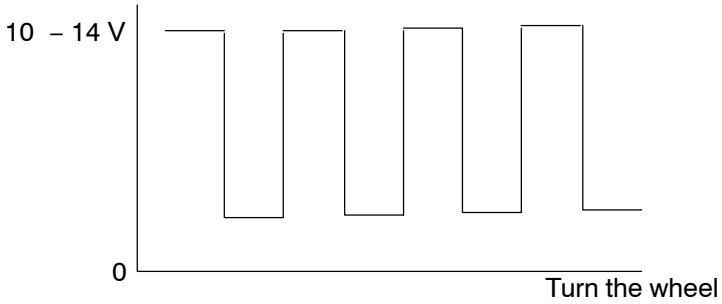
| Item | Contents |
|---|---|
| Tool setting | 10 V/ DIV, 100 ms/ DV |
| Vehicle condition | Engine idle speed |






(e) 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 | TAUB signal: NG |
| D | SPD signal: NG |

**B** → **GO TO FUEL SYSTEM**

**C** → **Go to step 2**

**D** → **Go to step 3**

**A**

**CHECK AND REPLACE CLOCK ASSY**

**2 INSPECT FUSE(IGN)**

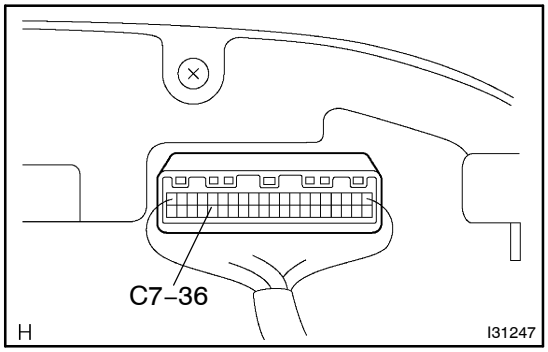
(a) Check the continuity in IGN fuse.

**NG** → **REPLACE FUSE**

**OK**

**REPAIR OR REPLACE HARNESS OR CONNECTOR**

| 3 | 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.

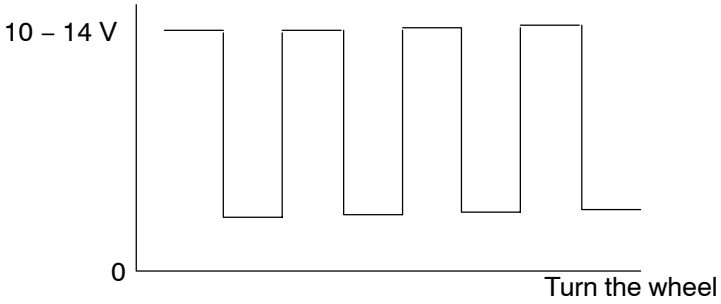
(2) Shift the shift lever to neutral.

(3) Turn the ignition switch to ON.

(4) Measure the voltage between terminal C6–36 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**