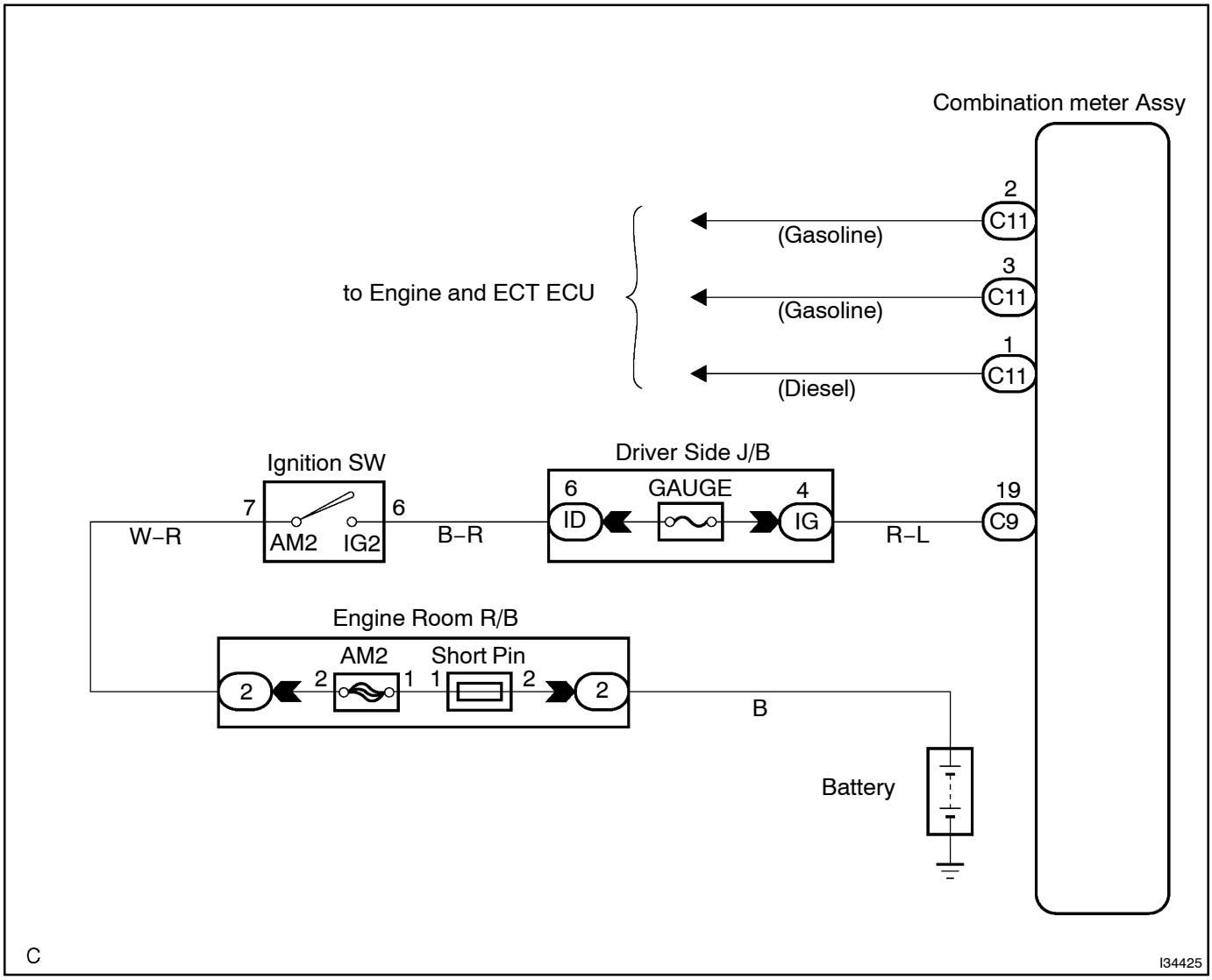
MALFUNCTION IN AVERAGE FUEL CONSUMPTION/INSTANTANEOUS FUEL CONSUMPTION/POSSIBLE RUNNING DISTANCE DISPLAY

CIRCUIT DESCRIPTION

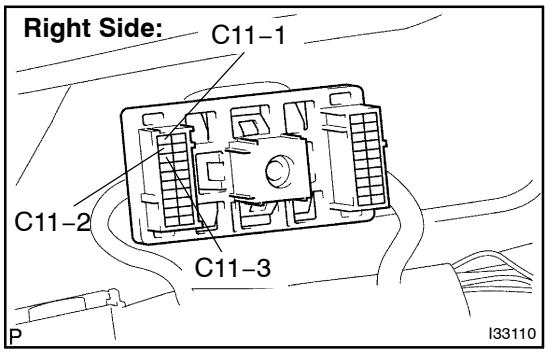
Confirm that the speedometer, tachometer, fuel receiver gauge is normal, then check this circuit.

WIRING DIAGRAM

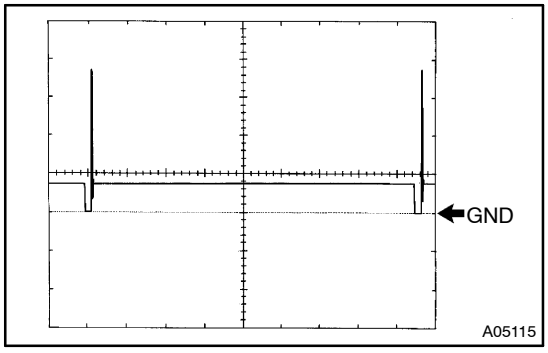


INSPECTION PROCEDURE

1	CHECK COMBINATION METER ASSY(TAU, TAUB, DISL)



(a) Remove the combination meter assy.
(b) Check voltage (TAUB signal).
  (1) Turn the ignition switch to ON.
  (2) Measure the voltage between terminal C11–2 of combination meter 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 C11–3 of combination meter connector and body ground.
  Standard voltage: 10 – 14 V
(d) Diesel engine:
  Check voltage (DISL signal).
  (1) Turn the ignition switch to ON.
  (2) Measure the voltage between terminal C11–1 of combination meter connector and body ground.
  Standard voltage: 10 – 14 V



(e) Check signal waveform (TAU signal).
  (1) Connect the oscilloscope to the terminals C11–3 of combination meter connector and body ground.
  (2) Start engine.
  (3) Check the signal waveform.

Item	Contents
Tool setting	10 V/ DIV, 20 ms/ DV
Vehicle condition	Engine idle speed

Result:

A	NG (TAUB signal)
B	NG (TAU signal)
C	OK

B → **GO TO FUEL SYSTEM**

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

A

2	INSPECT FUSE(GAUGE)

(a) Check the continuity in IGN fuse.

NG → **REPLACE FUSE**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR