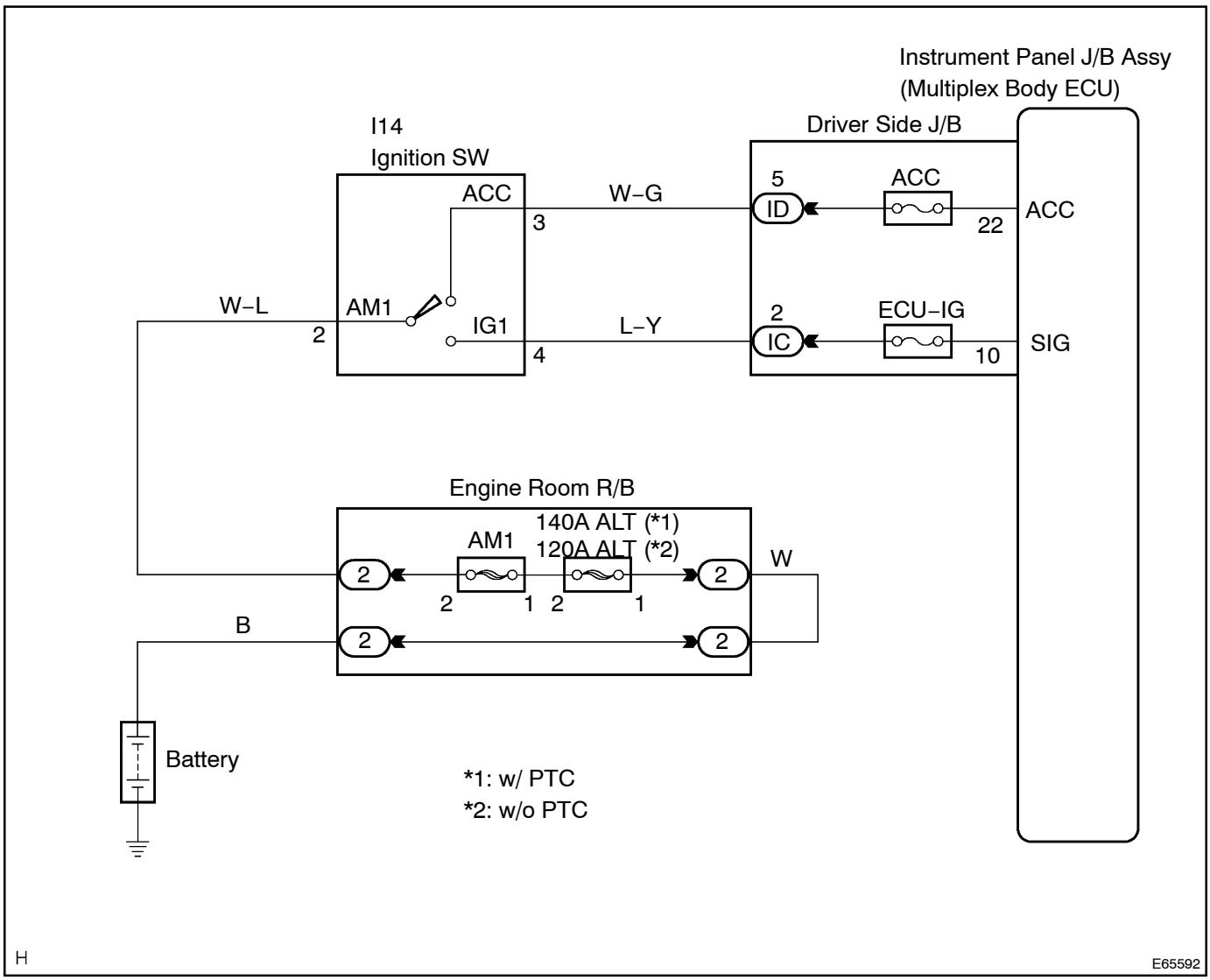
IGNITION SWITCH CIRCUIT

CIRCUIT DESCRIPTION

This circuit detects the state of the ignition switch and send it to Multiplex body ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:
Start the inspection from step 1 in the case of using the hand–held tester, and start from step 2 in the case of not using the hand–held tester.

1	READ VALUE OF HAND–HELD TESTER

(a) Connect the hand–held tester to DLC3.
(b) Turn the ignition switch to ON and push the hand–held tester main SW ON.
(c) Select the items below in the DATA LIST, and read the displays on the hand–held tester.

BGW:

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
ACC SW	ACC SW signal/ ON or OFF	ON: Ignition key is in ACC, ON or START position OFF: Ignition key is in OFF position	–
IG SW	IG SW signal/ ON or OFF	ON: Ignition key is in ON or START position OFF: Ignition key is in OFF or ACC position	–

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE(SEE PAGE 05–1346)**

NG

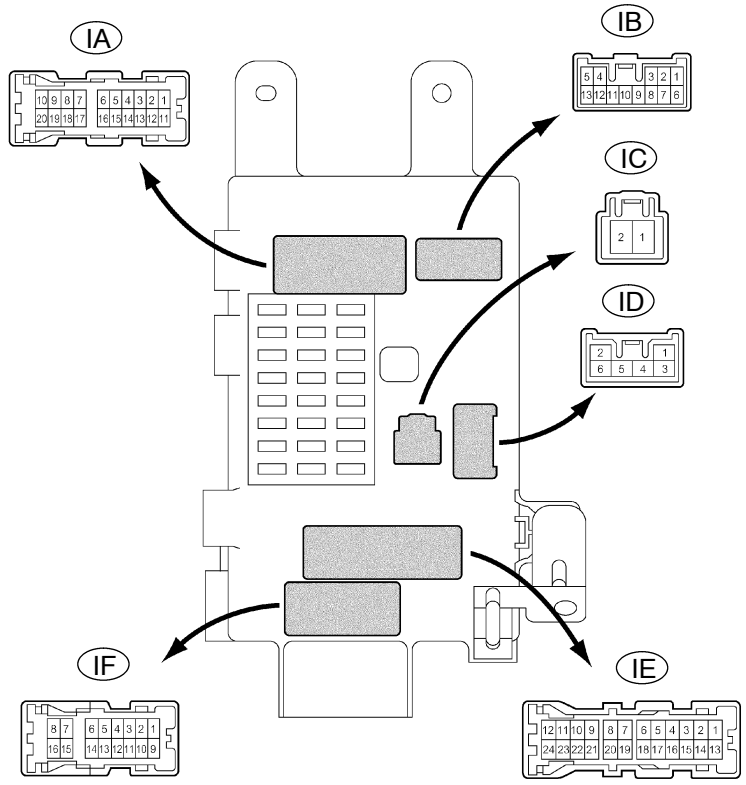
2	**INSPECT INSTRUMENT PANEL JUNCTION BLOCK ASSY(ACC, SIG)**

(a) Measure voltage between terminal ACC, SIG of the instrument panel J/B and body ground.

Standard:

Terminal No. (Symbols)	Condition	Specified condition
ID–5 ⇔ body ground (ACC ⇔ body ground)	Turn IG switch OFF → ACC	0 V → 10–14 V
IC–2 ⇔ body ground (SIG ⇔ body ground)	Turn IG switch OFF → ON	0 V → 10–14 V

Instrument Panel J/B



NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

CHECK AND REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY