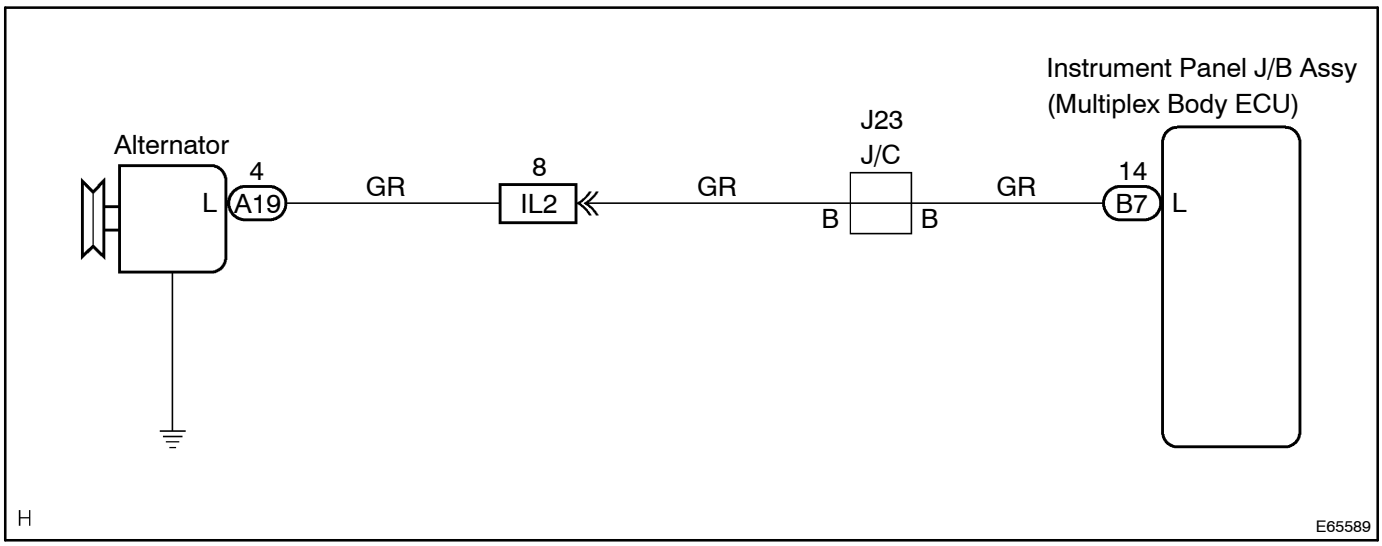
GENERATOR SIGNAL CIRCUIT

CIRCUIT DESCRIPTION

The Multiplex body ECU receives engine condition (ON or OFF) by generator signal.

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 ON and push the hand–held tester main SW ON.
(c) Select the item below in the DATA LIST, and read the display on the hand–held tester.

BGW:

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
ALT L SIG*1	Alternator (Generator) signal/ON or OFF	ON: Engine is running OFF: Engine is stopping	–

HINT:

*1: Denmark, Sweden, Iceland, Finland and Norway models only

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

NG

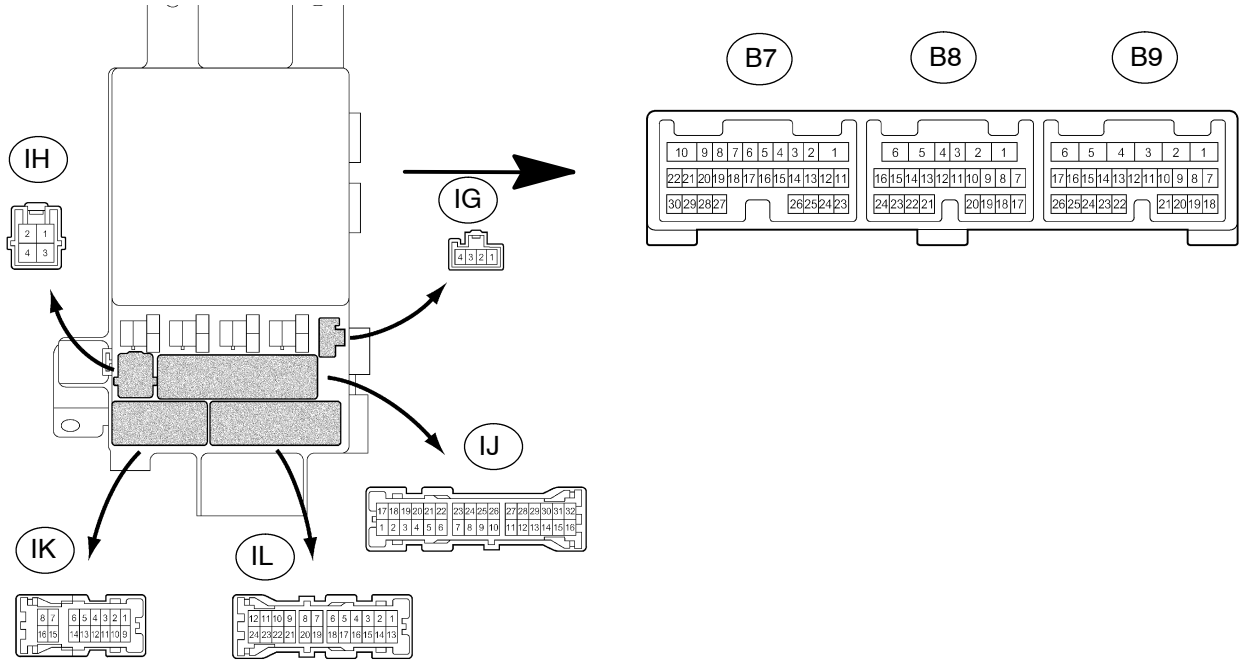
2	INSPECT INSTRUMENT PANEL JUNCTION BLOCK ASSY(L)

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

Standard:

Terminal No.	Condition	Specified condition
B7–14 ⇔ body ground (L ⇔ body ground)	Engine OFF → ON	0 V → 10–14 V

Instrument Panel J/B



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

OK

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