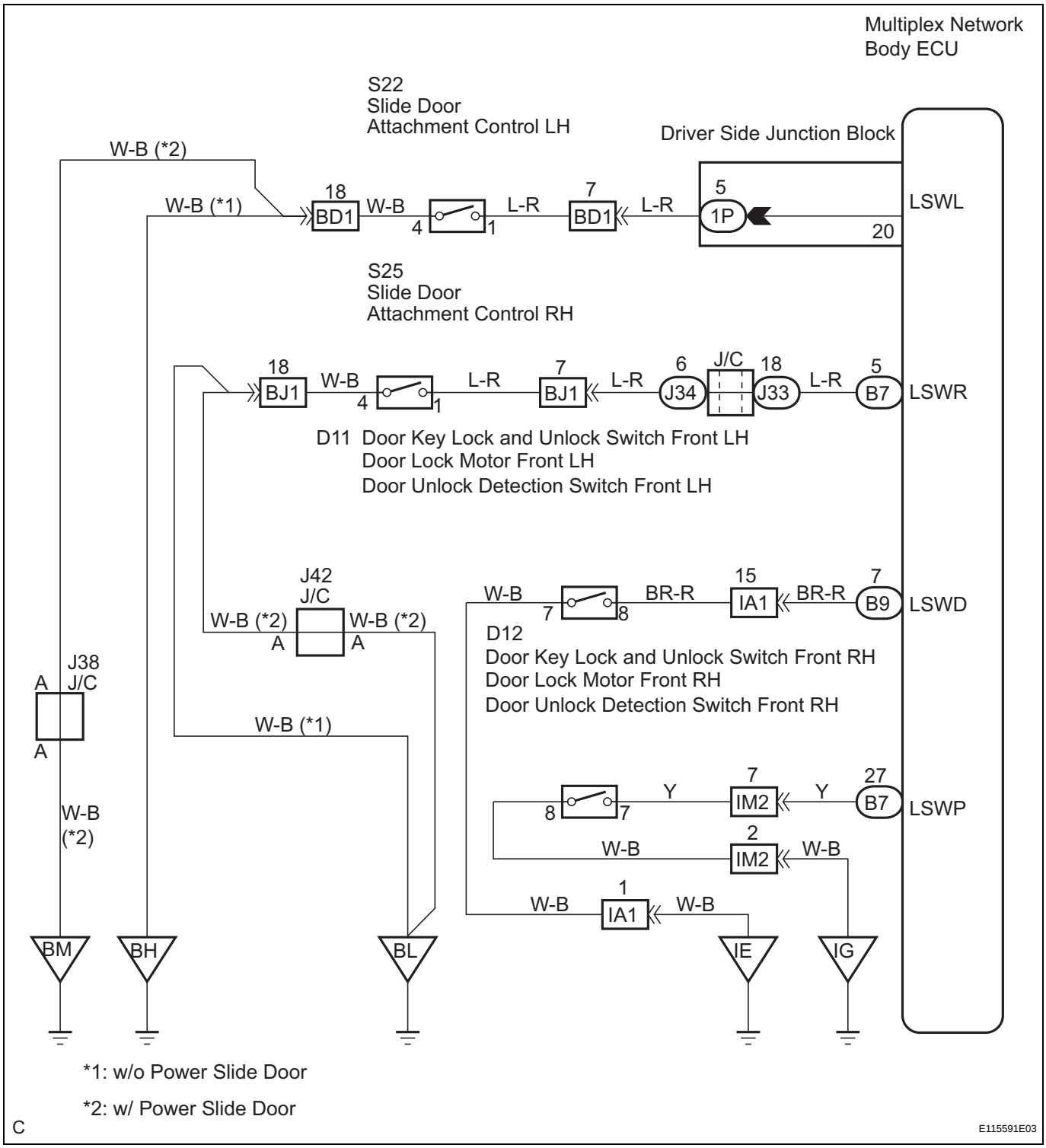
Door LOCK Position Circuit

DESCRIPTION

This circuit detects the state of the door lock detection sensor and send it to the Multiplex network body ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	READ VALUE OF INTELLIGENT TESTER

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

BODY NO.1:

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
P LOCK POS SW	Front passenger's door lock position SW signal / ON or OFF	ON: Front passenger's door lock is in unlock position OFF: Front passenger's door lock is in lock position	-
Rr. LOCK POS SW	Rear slide door lock position SW signal / ON or OFF	ON: Rear slide door lock is in unlock position OFF: Rear slide door lock is in lock position	-
D LOCK POS SW	Driver's door lock position SW signal / ON or OFF	ON: Door lock is in unlock position OFF: Door lock is in lock position	-

LI

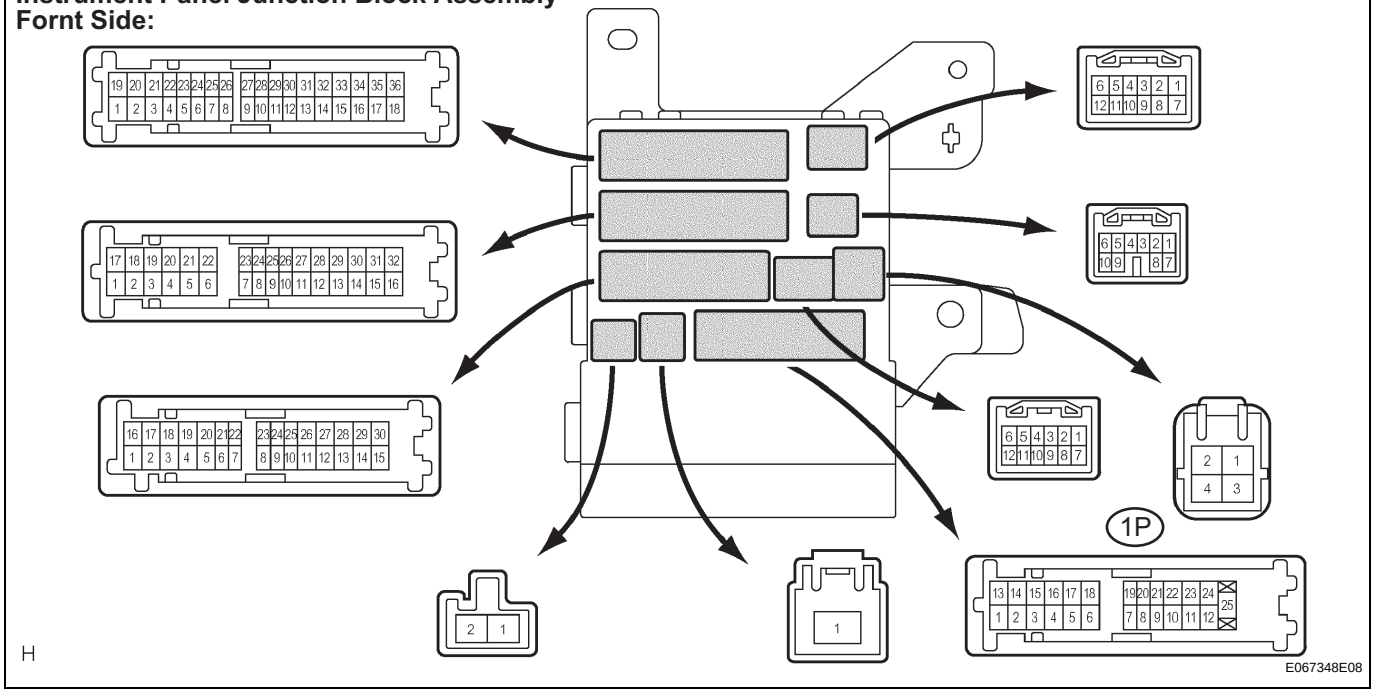
OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

NG

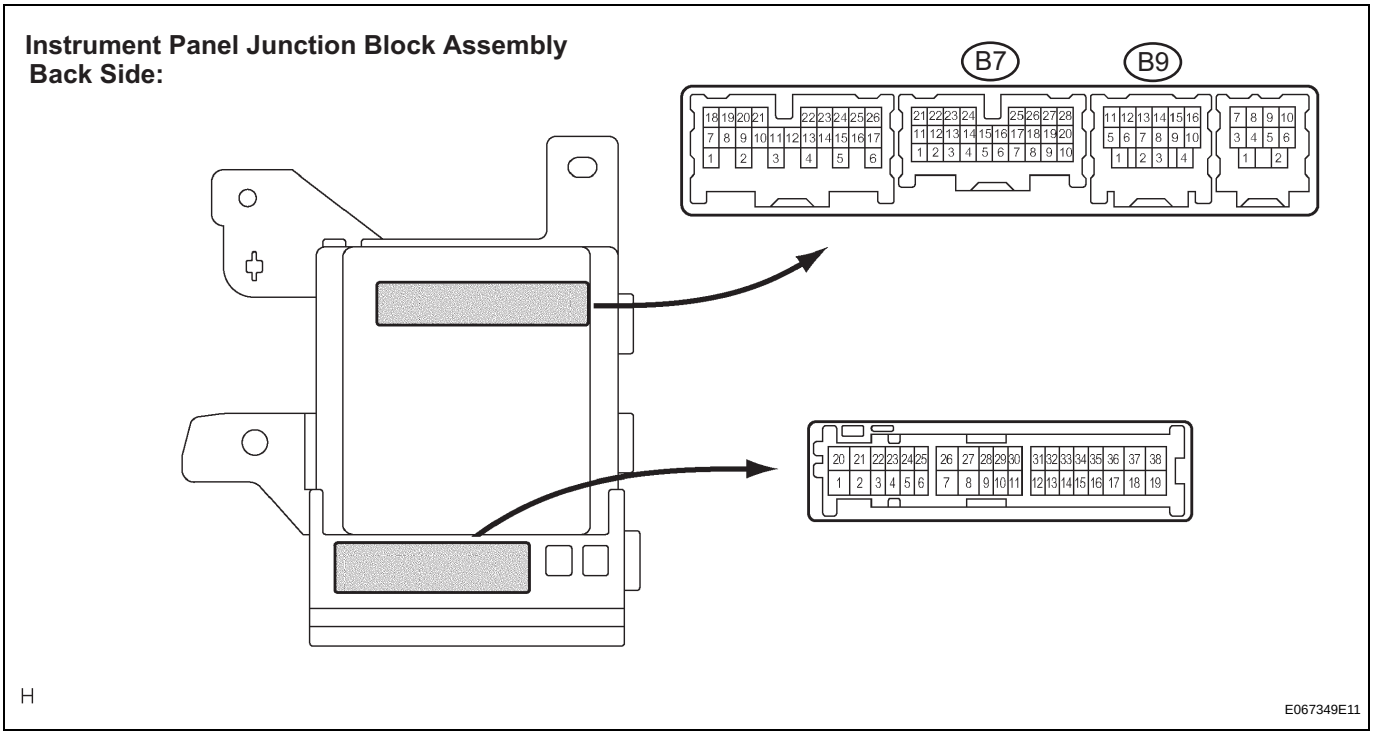
2	CHECK HARNESS AND CONNECTOR

(a) Disconnect the 1P, B7 and B9 connector from instrument panel junction block assembly.

Instrument Panel Junction Block Assembly Fornt Side:



(b) Check the continuity between each of the terminals of the instrument panel junction block assembly connector side and body ground as shown in the chart below.



Resistance

Tester Connection (Symbols)	Condition	Specified Condition
B9-7 - Body ground	Front driver door lock → unlock	Below 1 Ω → 10 kΩ or higher
B7-27 - Body ground	Front passenger door lock → unlock	Below 1 Ω → 10 kΩ or higher
1P-5 - Body ground	Rear LH slide door lock → unlock	Below 1 Ω → 10 kΩ or higher
B7-5 - Body ground	Rear RH slide door lock → unlock	Below 1 Ω → 10 kΩ or higher

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

NG

GO TO POWER DOOR LOCK CONTROL SYSTEM