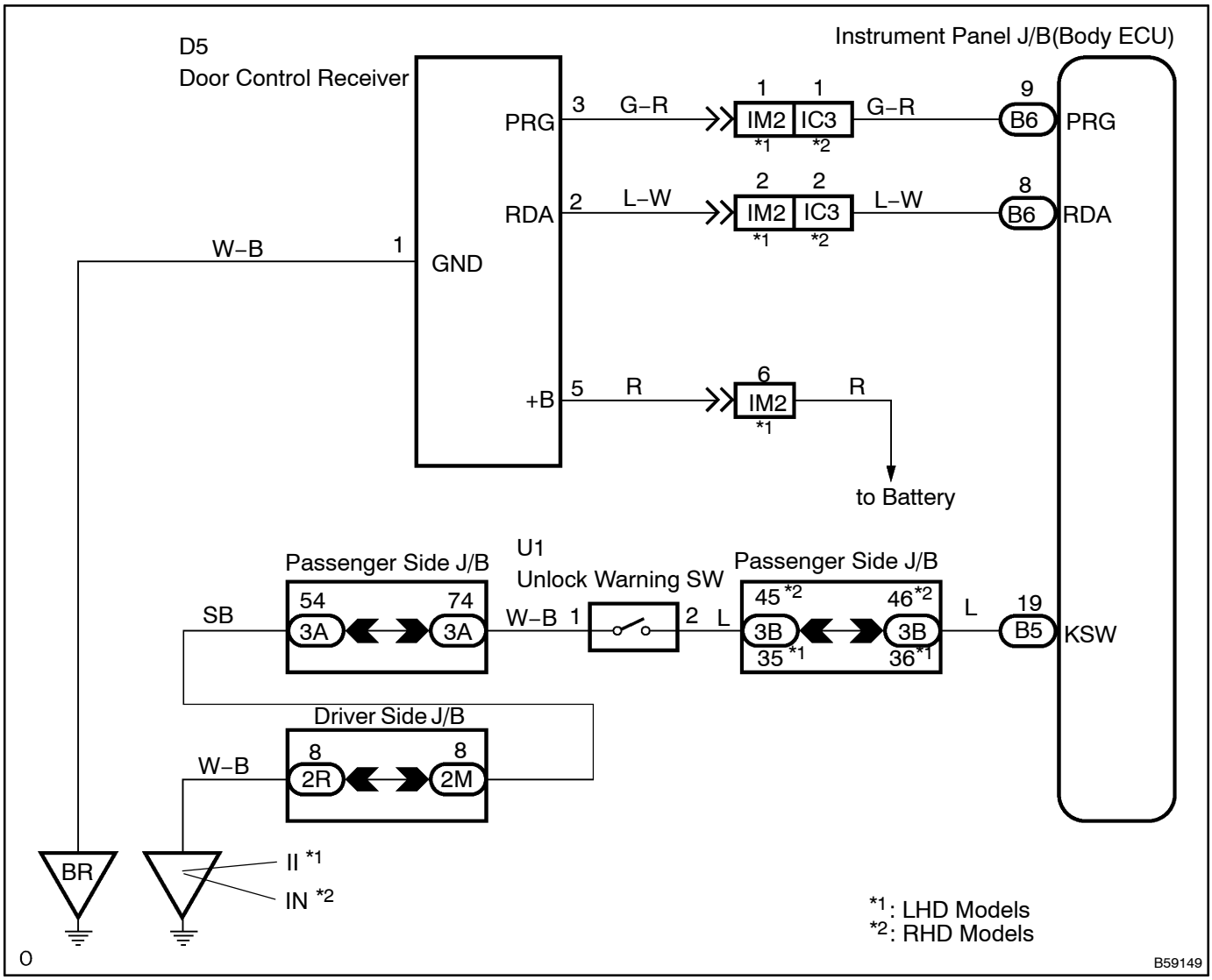
DTC	42	WIRELESS DOOR LOCK RECEIVER CIRCUIT MALFUNCTION

CIRCUIT DESCRIPTION

Door control receiver locks doors via the wireless control by receiving or sending input/output signals from the body ECU.

DTC No.	DTC detection condition	Trouble area
42	In diagnostic mode, applicable RDA signal can not be received within 1 second after PRG signal has been output from body ECU.	• Wireless door control receiver • Wire harness • Instrument Panel J/B (Body ECU)

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK DOOR CONTROL RECEIVER

(a) Disconnect the door control receiver.
(b) Check that no diagnosis code has been output.
  (1) With code outputs, proceed to ”A”.
  (2) Without code outputs, proceed to ”B”.

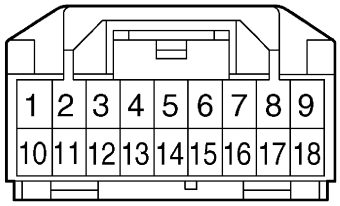
B → REPLACE DOOR CONTROL RECEIVER

A

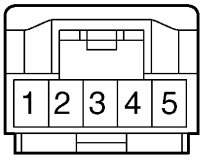
2	CHECK WIRE HARNESS

Wire Harness Side

B6
Instrument Panel J/B (Body ECU)



D5
Door Control Receiver



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(a) Disconnect the B6 body ECU connector and D5 door control receiver connectors.
(b) Check the continuity of the disconnected connector.
Standard:

Terminal No.	Specified condition
D5–2 ⇔ B6–8	Continuity
D5–3 ⇔ B6–9	Continuity
D5–2 ⇔ Body ground	No continuity
D5–3 ⇔ Body ground	No continuity
B6–8 ⇔ Body ground	No continuity
B6–9 ⇔ Body ground	No continuity

NG → REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY