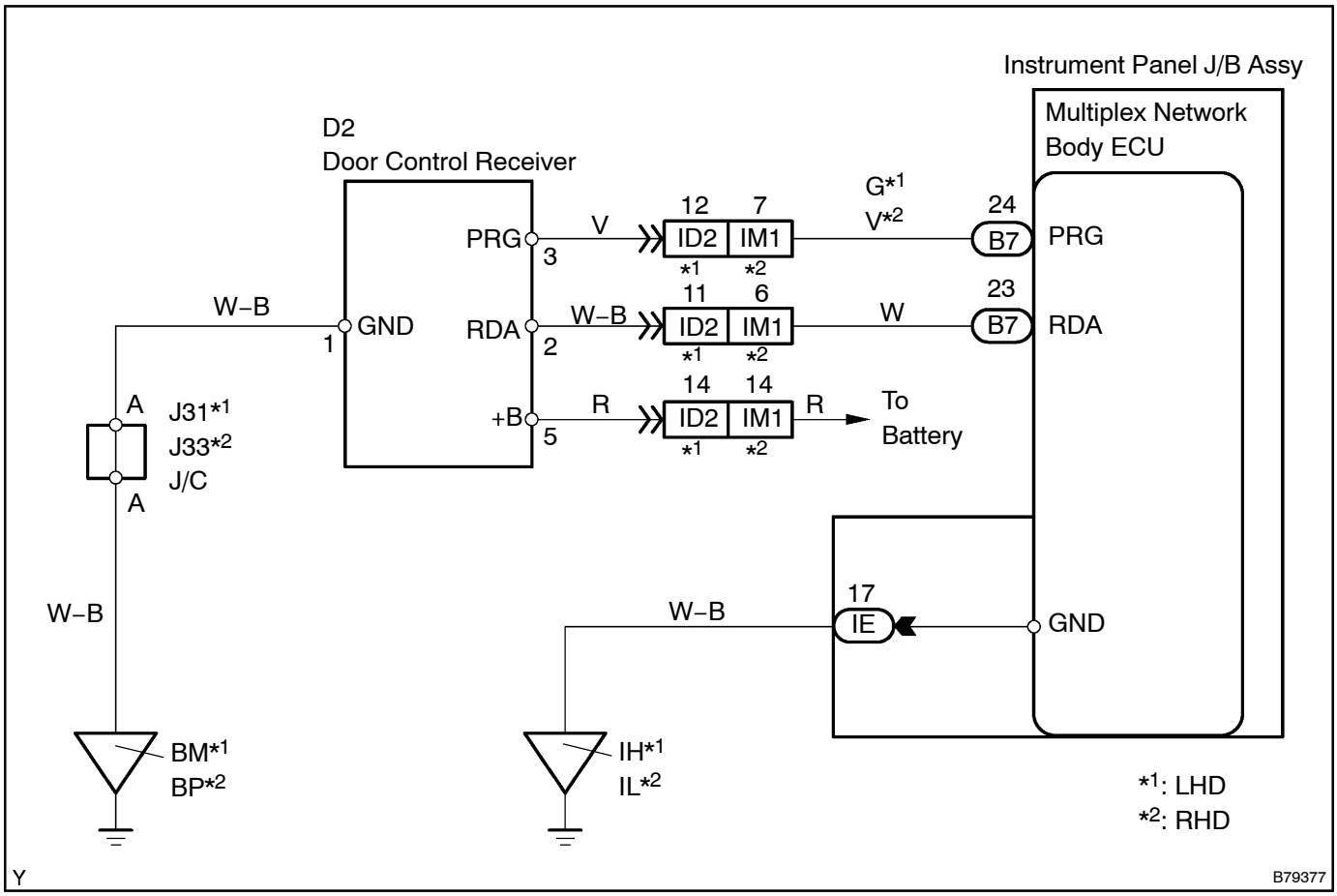
DTC	B1242	WIRELESS DOOR LOCK TUNER CIRCUIT MALFUNCTION

CIRCUIT DESCRIPTION

This DTC is detected when a RDA signal is not input to the door control receiver within 1 second after the multiplex network body ECU outputs a PRG signal.

DTC No.	DTC Detection Condition	Trouble Area
B1242	Within 1 second after PRG signal is output from multiplex network body ECU during self–diagnostic mode, corresponding RDA signal is not input.	• Door control receiver • Wire harness • Multiplex network body ECU

WIRING DIAGRAM

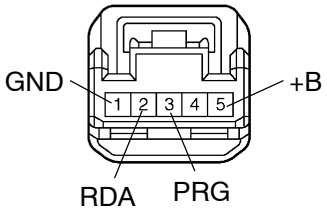


INSPECTION PROCEDURE

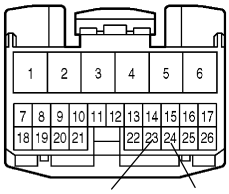
1	CHECK WIRE HARNESS (DOOR CONTROL RECEIVER – MULTIPLEX NETWORK BODY ECU) (DOOR CONTROL RECEIVER OR MULTIPLEX NETWORK BODY ECU – BODY GROUND)

Wire Harness Side

D2
Door Control Receiver



B7
Multiplex Network Body ECU



B74735

(a) Disconnect the B7 ECU connector.
(b) Disconnect the D2 receiver connector.
(c) Measure the voltage and resistance of the wire harness side connectors.
Standard:

Tester Connection	Specified Condition
D2–2 (RDA) – B7–24 (RDA)	Below 1 Ω
D2–3 (PRG) – B7–23 (PRG)	Below 1 Ω
D2–5 (+B) – Body ground	10 to 14 V
D2–1 (GND) – Body ground	Below 1 Ω
D2–2 (RDA) or B7–23 (RDA) – Body ground	10 kΩ or higher
D2–3 (PRG) or B7–24 (PRG) – Body ground	10 kΩ or higher

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

OK

2	REPLACE DOOR CONTROL RECEIVER

(a) Check that no DTC is DTC is output.
OK: DTC is not output.

NG → **REPLACE MULTIPLEX NETWORK BODY ECU**

OK

END