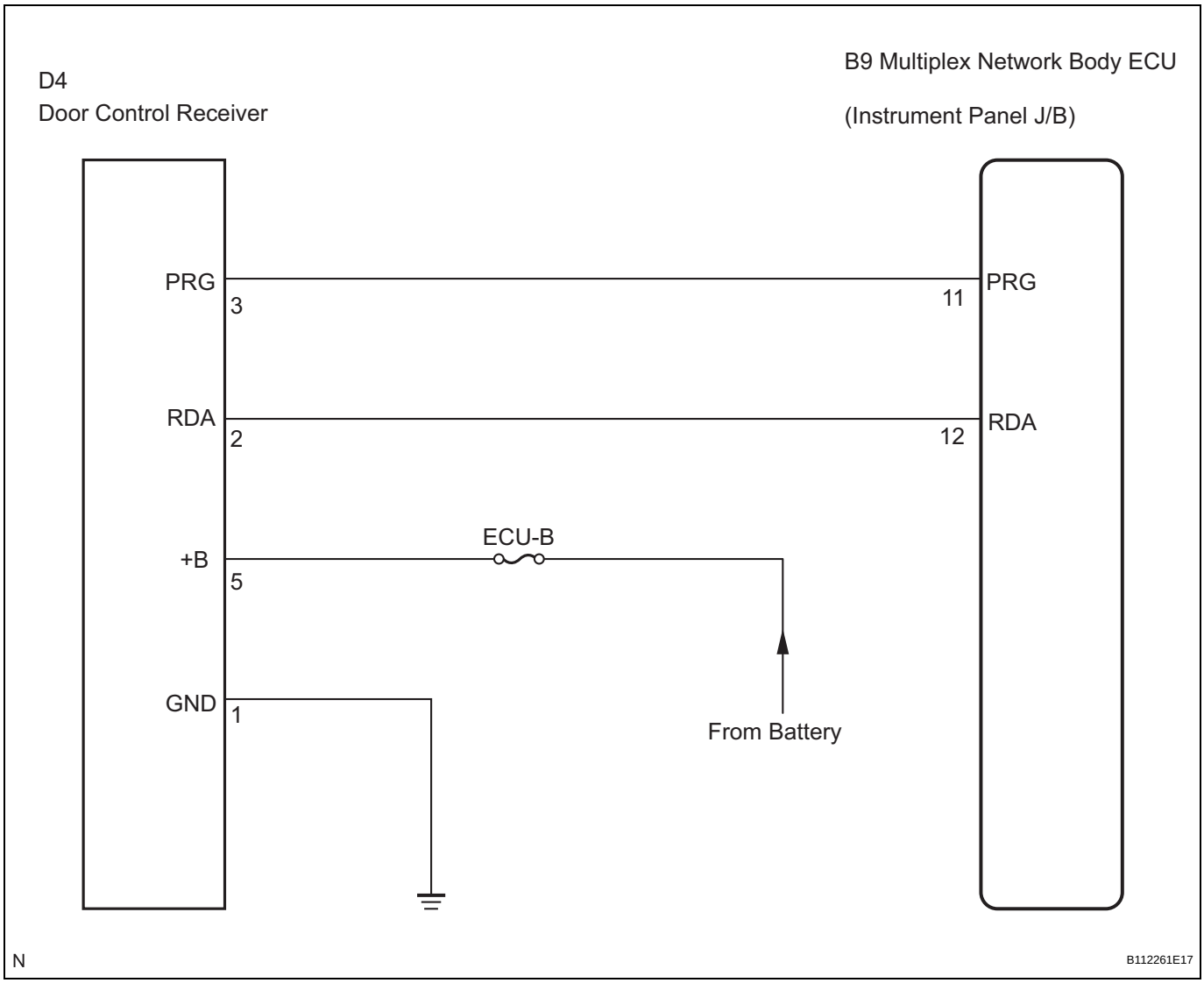
DTC	B1242	Wireless Door Lock Tuner Circuit Malfunction

DESCRIPTION

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, this DTC is set.

DTC No.	DTC Detection Condition	Suspected 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	• Wire harness • Door control receiver • Multiplex network body ECU

WIRING DIAGRAM

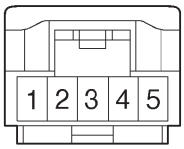


INSPECTION PROCEDURE

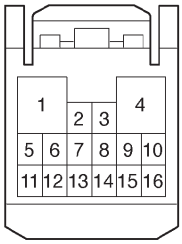
1	CHECK HARNESS AND CONNECTOR (DOOR CONTROL RECEIVER - MULTIPLEX NETWORK BODY ECU)

Wire Harness Side

D4 Door Control Receiver



B9 Multiplex Network Body ECU



Y B068693E02

(a) Disconnect the D4 receiver connector.
(b) Disconnect the B9 ECU connector.
(c) Check the resistance between the wire harness side connectors.

Standard resistance

Symbol (Terminal No.)	Specified Condition
RDA (D4-2) - RDA (B9-12)	Below 1 Ω
PRG (D4-3) - PRG (B9-11)	Below 1 Ω

(d) Check the voltage and resistance between the D4 receiver connector or B9 ECU connector and the body ground.

Standard

Symbol (Terminal No.)	Specified Condition
+B (D4-5) - Body ground	10 to 14 V
GND (D4-1) - Body ground	Below 1 Ω
RDA (D4-2) or RDA (B9-12) - Body ground	10 kΩ or higher
PRG (D4-3) or PRG (B9-11) - Body ground	10 kΩ or higher

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

OK

2	CHECK DOOR CONTROL RECEIVER

(a) Check that the DTC is not output.

OK → **REPLACE DOOR CONTROL RECEIVER (MULTIPLEX NETWORK BODY ECU)**

NG

REPLACE MULTIPLEX NETWORK BODY ECU

DL