

DIAGNOSTIC TROUBLE CODE CHART

DTC No.	Detection Item	Trouble Area	See page
B1242	Wireless Door Lock Tuner Circuit Malfunction	- Wire harness - Door control receiver - Instrument panel junction block (main body ECU)	DL-61

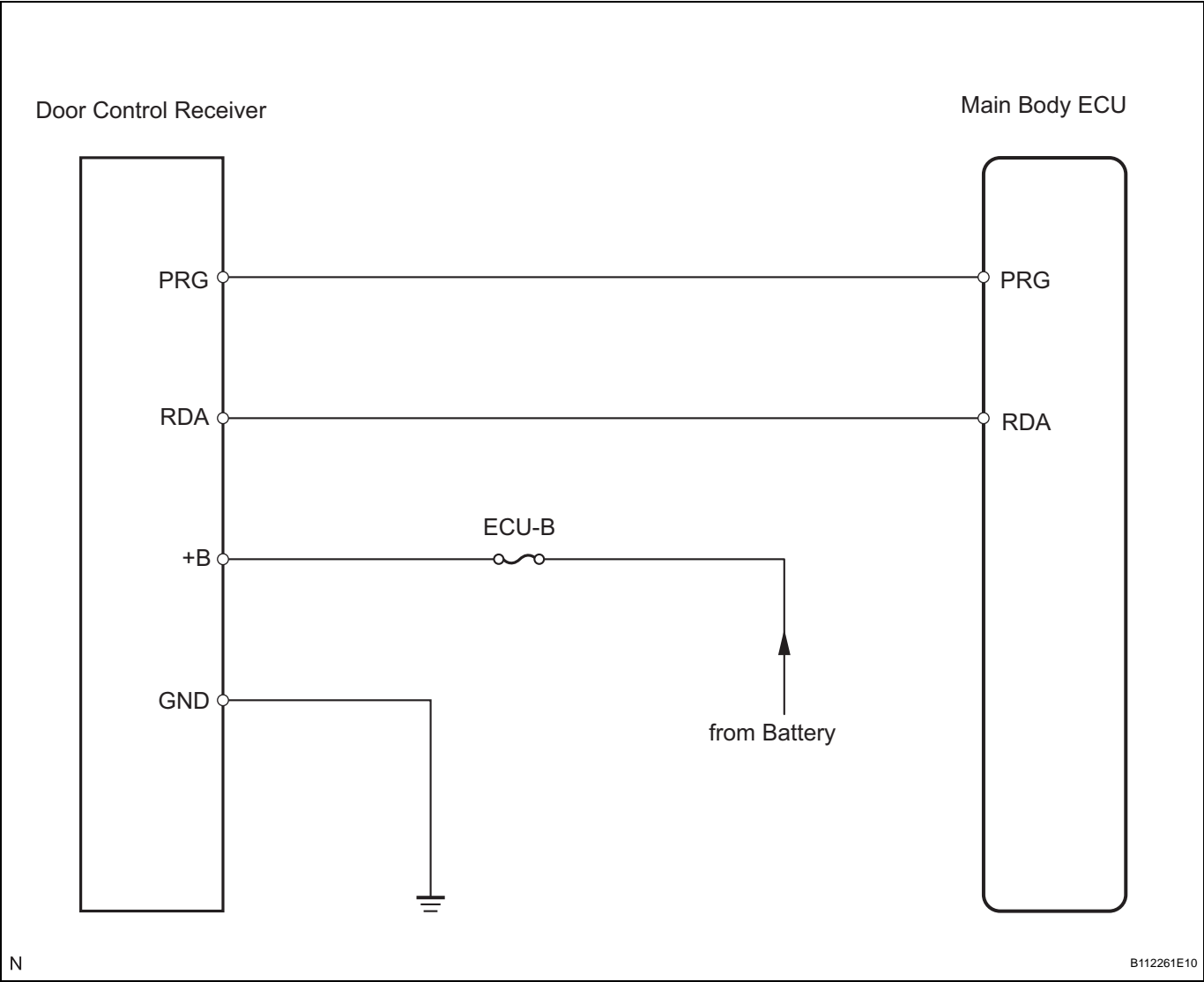
DTC	B1242	Wireless Door Lock Tuner Circuit Malfunction
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DESCRIPTION

The door control receiver receives signals from the transmitter and sends these signals to the main body ECU. This DTC is output when the applicable RDA signal cannot be received within 1 second of PRG signal being output from the main body ECU.

DTC No.	DTC Detection Condition	Trouble Area
B1242	In diagnostic mode, applicable RDA signal cannot be received within 1 second of PRG signal being output from main body ECU	<ul style="list-style-type: none">• Wire harness• Door control receiver• Instrument panel junction block (main body ECU)

WIRING DIAGRAM

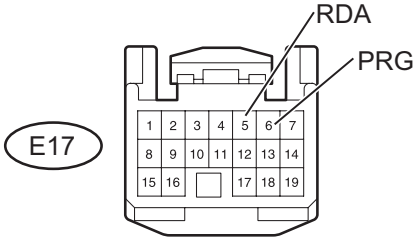


INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (MAIN BODY ECU - DOOR CONTROL RECEIVER)

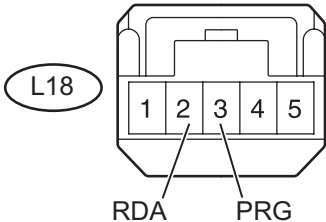
Wire Harness Side

Instrument Panel Junction Block
(Main Body ECU)



E17

Door Control Receiver



L18

RDA PRG

B130249E01

- (a) Disconnect the E17 ECU connector.
- (b) Disconnect the L18 receiver connector.
- (c) Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
E17-5 (RDA) - L18-2 (RDA)	Below 1 Ω
E17-6 (PRG) - L18-3 (PRG)	
E17-5 (RDA) or L18-2 (RDA) - Body ground	10 kΩ or higher
E17-6 (PRG) or L18-3 (PRG) - Body ground	

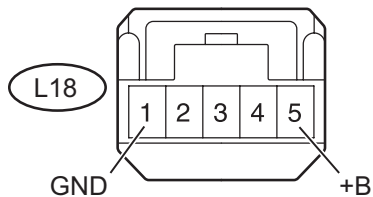
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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

2 CHECK WIRE HARNESS (DOOR CONTROL RECEIVER - BATTERY AND BODY GROUND)

Wire Harness Side



L18

GND +B

B129963E01

- (a) Disconnect the L18 receiver connector.
- (b) Measure the resistance and voltage of the wire harness side connector.

Standard resistance

Tester Connection	Specified Condition
L18-1 (GND) - Body ground	Below 1 Ω

Standard voltage

Tester Connection	Specified Condition
L18-5 (+B) - Body ground	10 to 14 V

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK**3 REPLACE DOOR CONTROL RECEIVER**

- (a) Temporarily replace the door control receiver with a new or normally functioning one.
- (b) Perform the REGISTRATION procedures (see page [DL-46](#)).

NEXT**4 CHECK FOR DTC**

- (a) Clear the DTC (see page [DL-58](#)).
- (b) Recheck for DTC.

OK:**DTC B1242 is not output.**NG**REPLACE INSTRUMENT PANEL JUNCTION
BLOCK (MAIN BODY ECU)**OK**END (DOOR CONTROL RECEIVER IS DEFECTIVE)**