DTC	42	WIRELESS DOOR LOCK RECEIVER CIRCUIT MALFUNCTIONS

CIRCUIT DESCRIPTION

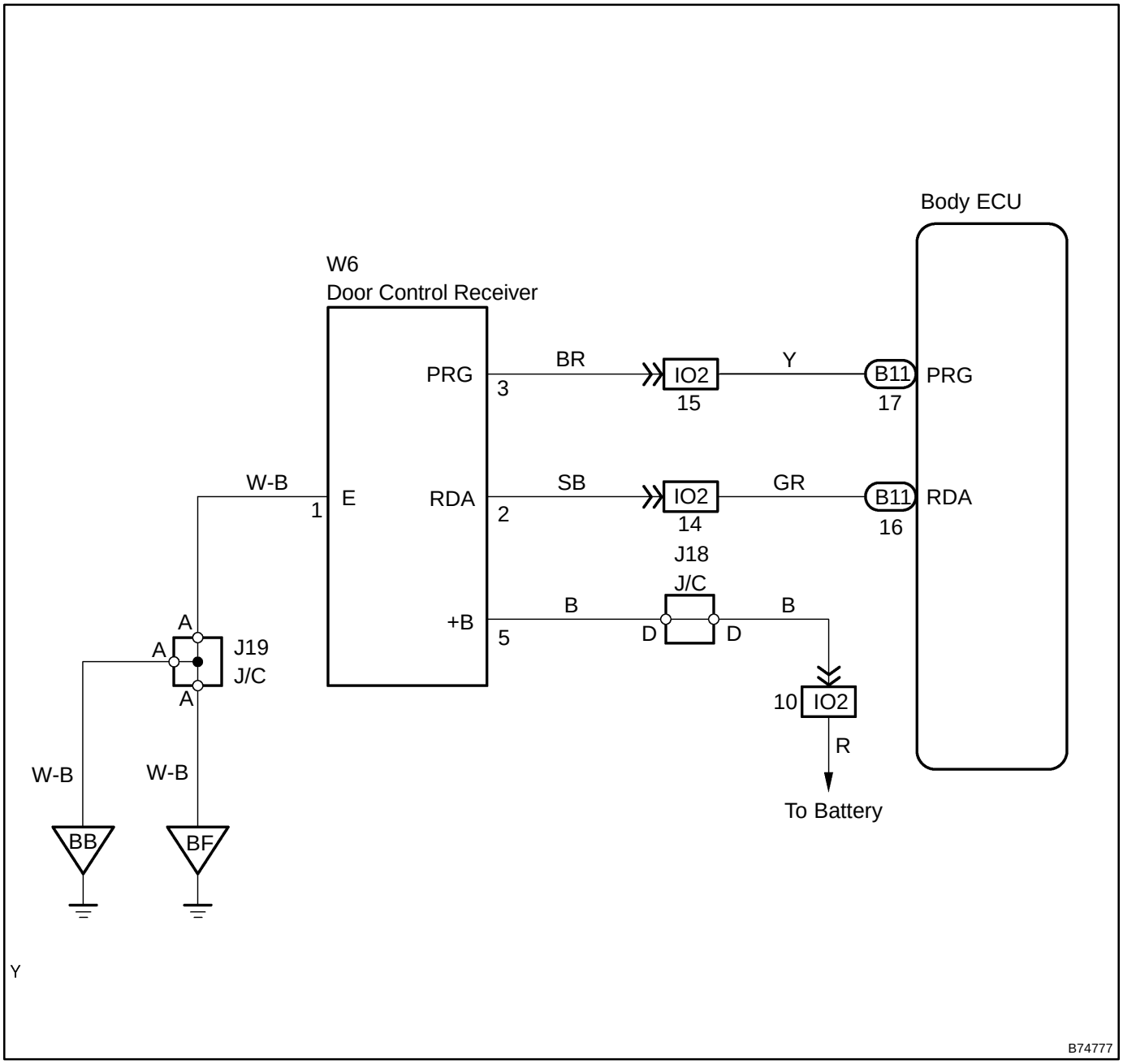
The door control receiver locks the doors via the wireless control by receiving and sending input/output signals from the body ECU.

DTC No.	DTC Detection Condition	Trouble Area
42	In diagnostic mode, reception of applicable RDA signal is impossible within 1 second after PRG signal has been output from body ECU.	• Wireless door control receiver • Wire harness • Body ECU

HINT:

In this circuit, the diagnostic mode means that the door open indicator inside the meter will blink by turning the ignition switch ON after short-circuited between terminals 13 (TC) and 4 (CG) of the DLC3 by SST.

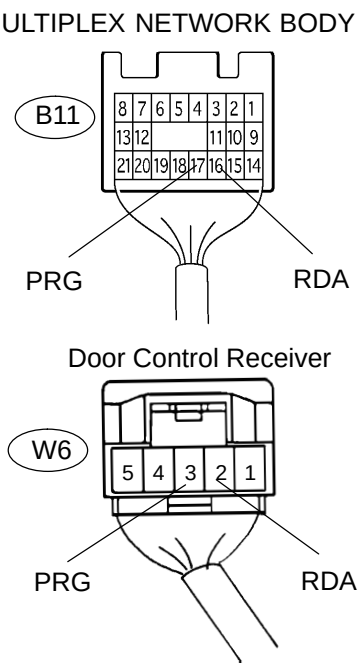
WIRING DIAGRAM



INSPECTION PROCEDURE

1	**CHECK WIRE HARNESS (MULTIPLEX NETWORK BODY ECU ⇔ DOOR CONTROL RECEIVER)**

Wire Harness Side



(a) Disconnect the B11 ECU connector.
(b) Disconnect the W6 receiver connector.
(c) Check the continuity between the B11 ECU and W6 receiver wire harness side connectors.
Standard (OPEN):

Symbol (Terminal No.)	Specified condition
RDA (B11-16) ⇔ RDA (W6-2)	Continuity
PRG (B11-17) ⇔ PRG (W6-3)	Continuity

(d) Check the continuity between the B11 ECU or W6 receiver wire harness side connectors and body ground.
Standard (SHORT):

Symbol (Terminal No.)	Specified condition
RDA (B11-16) or RDA (W6-2) ⇔ Body ground	No continuity
PRG (B11-17) or PRG (W6-3) ⇔ Body ground	No continuity

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

OK

2	**CHECK DOOR CONTROL RECEIVER**

(a) Check that the wireless system operates when connected to a new or normal door control receiver.
(b) Check if no diagnosis has been output.
Standard: No diagnosis has been output

OK → **REPLACE DOOR CONTROL RECEIVER**

NG

REPLACE MULTIPLEX NETWORK BODY ECU