DTC	42	WIRELESS DOOR LOCK RECEIVER CIRCUIT MALFUNCTIONS

CIRCUIT DESCRIPTION

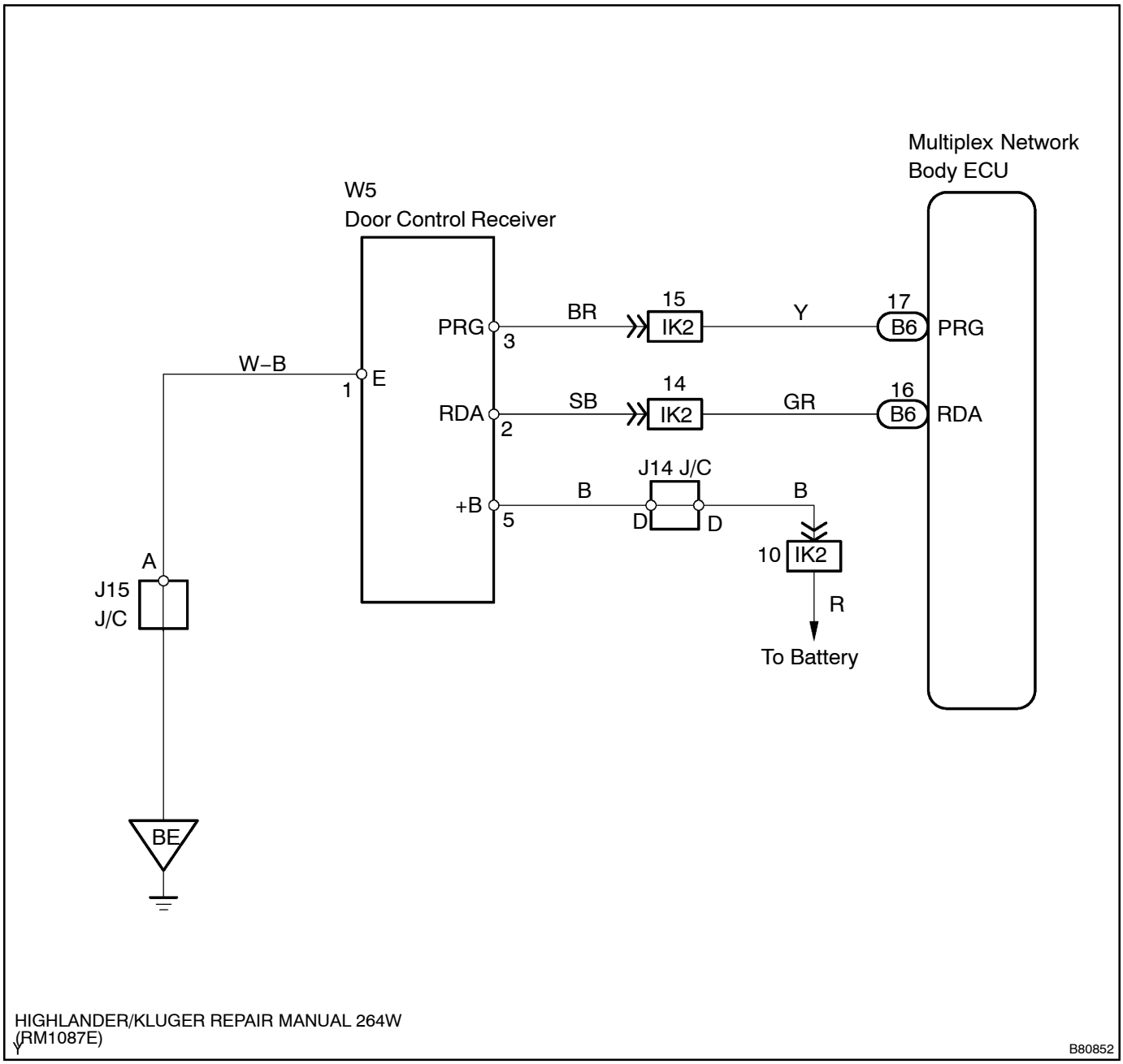
The door control receiver receives signals from the transmitter and sends these signals to the multiplex network body ECU. This DTC is output when, after the multiplex network body ECU outputs a PRG signal the RDA signal is not input to the door control receiver within 1 second.

DTC No.	DTC Detection Condition	Trouble Area
42	In diagnostic mode, received RDA signal is not received within 1 second after PRG signal has been output from body ECU.	• Door control receiver • Wire harness • Multiplex network body ECU

HINT:

This circuit is in diagnostic mode when all of the following occur: 1) SSt is used to create a short between the DLC3 terminals 13 (TC) and 4 (CG), 2) the ignition switch is turned ON and 3) the meter's door open indicator is flashing.

WIRING DIAGRAM

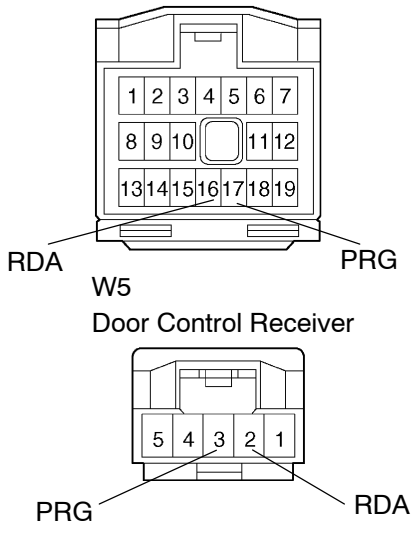


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INSPECTION PROCEDURE

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

Wire Harness Side



(a) Disconnect the B6 ECU connector.
(b) Disconnect the W5 receiver connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
B6–16 (RDA) – W5–2 (RDA)	Below 1 Ω
B6–17 (PRG) – W5–3 (PRG)	Below 1 Ω
B6–16 (RDA) or W5–2 (RDA) – Body ground	10 kΩ or higher
B6–17 (PRG) or W5–3 (+B) – Body ground	10 kΩ or higher

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

OK

2	REPLACE DOOR CONTROL RECEIVER

(a) Check that no DTC is output.
OK: No DTC is output

NG → **REPLACE MULTIPLEX NETWORK BODY ECU**

OK

END