

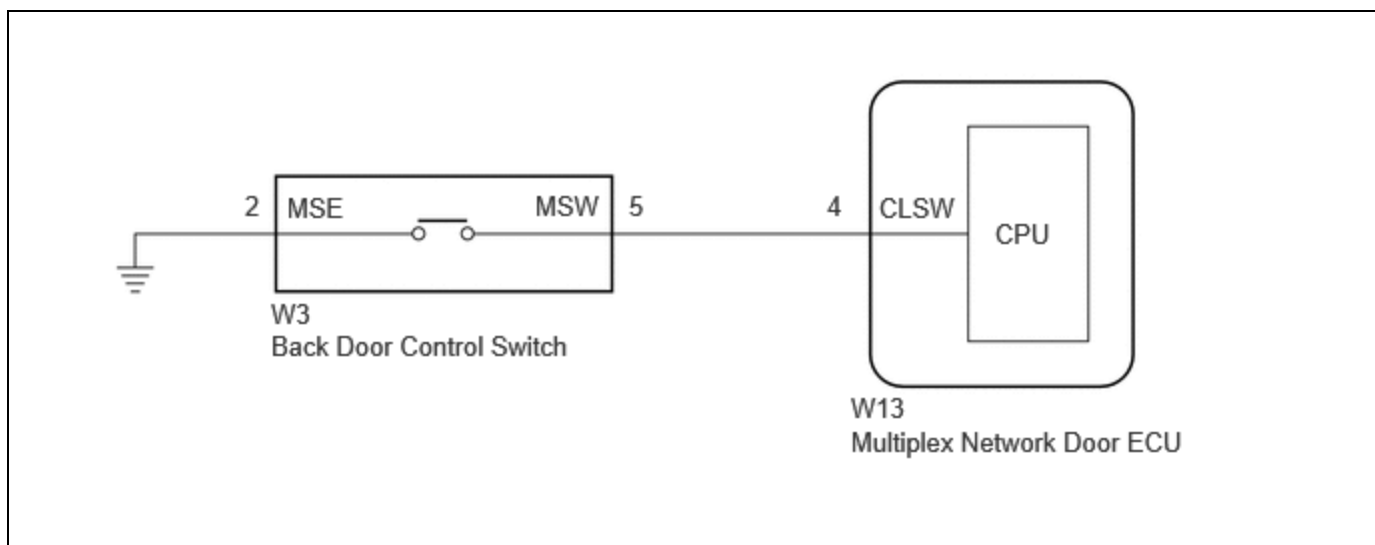
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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: DOOR / HATCH: POWER BACK DOOR SYSTEM: Close & Lock Function does not Operate; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

Close & Lock Function does not Operate

DESCRIPTION

The back door control switch signal is sent to the multiplex network door ECU. If the power back door system does not operate when the back door control switch is operated, the back door control switch circuit may be malfunctioning.

WIRING DIAGRAM



CAUTION / NOTICE / HINT

NOTICE:

- If the multiplex network door ECU has been replaced, or if any of the connectors has been disconnected, initialize the power back door system.

[Click here](#) **INFO**

- Check the smart key system with push-button start (for Entry Function) first before troubleshooting the power back door system.

[Click here](#) **INFO**

- This function cannot be used with only the digital key.*
*: w/ Digital Key

PROCEDURE

1. READ VALUE USING GTS

(a) Read the Data List according to the display on the GTS.

Body Electrical > Back Door > Data List

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
Close and Lock Switch	Back door control switch signal	OFF or ON	ON: Back door control switch pressed OFF: Back door control switch not pressed	-

Body Electrical > Back Door > Data List

TESTER DISPLAY
Close and Lock Switch

OK:

The GTS display changes correctly in response to the switch operation.

OK ► REPLACE MULTIPLEX NETWORK DOOR ECU

NG



2.	INSPECT BACK DOOR CONTROL SWITCH
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Click here INFO

NG ► REPLACE BACK DOOR CONTROL SWITCH

OK



3.	CHECK HARNESS AND CONNECTOR (BACK DOOR CONTROL SWITCH - MULTIPLEX NETWORK DOOR ECU AND BODY GROUND)
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- (a) Disconnect the W13 multiplex network door ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

Standard Resistance:



[Click Location & Routing\(W3,W13\)](#)

[Click Connector\(W3\)](#)[Click Connector\(W13\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
W3-5 (MSW) - W13-4 (CLSW)	Always	Below 1 Ω
W3-2 (MSE) - Body ground	Always	Below 1 Ω
W3-5 (MSW) or W13-4 (CLSW) - Body ground	Always	10 k Ω or higher

OK ► REPLACE MULTIPLEX NETWORK DOOR ECU**NG** ► REPAIR OR REPLACE HARNESS OR CONNECTOR