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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> WINDOW / GLASS: POWER WINDOW CONTROL SYSTEM: Driver Side Power Window Auto Up / Down Function does not Operate with Power Window Master Switch; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

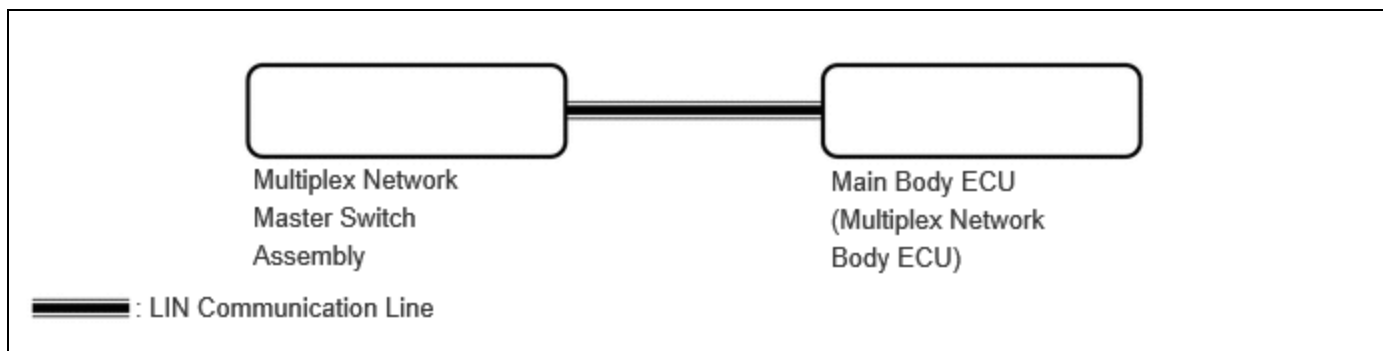
## Driver Side Power Window Auto Up / Down Function does not Operate with Power Window Master Switch

## DESCRIPTION

If the manual up and down functions operate normally but the auto up and down functions do not, the power window control system may be in fail-safe mode.

If power window initialization has not been performed, the auto up and down functions will not operate.

## WIRING DIAGRAM



## CAUTION / NOTICE / HINT

### NOTICE:

- If the power window regulator motor assembly LH (for driver door) has been replaced with a new one, initialize the power window control system.

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- The power window control system uses the LIN communication system. Inspect the communication function by following How to Proceed with Troubleshooting. Troubleshoot the power window control system after confirming that the communication system is functioning properly.

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

- Check that power window system customize setting "D Window Auto Up Function" and "D Window Auto Down Function" are set to "Enable" before performing the following procedure.

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- After the catch protection function has operated, the auto up function will not operate the first time the power window auto up switch is operated. The auto up function will operate normally after the first power window switch operation.
- Before replacing the main body ECU (multiplex network body ECU), refer to Registration.

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### HINT:

If the pulse sensor built into the power window regulator motor assembly LH (for driver door) is malfunctioning, the power window control system will enter fail-safe mode. The remote up and down and auto

up and down functions cannot be operated during fail-safe mode. However, the power window can be closed by holding the multiplex network master switch assembly at the auto up position, and opened manually by pushing down the multiplex network master switch assembly.

## PROCEDURE

### 1. READ VALUE USING GTS

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

**Body Electrical > Main Body > Data List**

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
D Door P/W AUTO Switch	Driver door power window auto switch signal	OFF or ON	OFF: Driver door power window auto up or auto down switch not being operated ON: Driver door power window auto up or auto down switch being operated	-

**Body Electrical > Main Body > Data List**

TESTER DISPLAY
D Door P/W AUTO Switch

OK:

On the GTS screen, ON or OFF is displayed accordingly.

**NG**  **REPLACE MULTIPLEX NETWORK MASTER SWITCH ASSEMBLY**

**OK**



### 2. READ VALUE USING GTS

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

**Body Electrical > Main Body > Data List**

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
D Door Power Window AUTO Switch	Driver door power window auto switch	OFF or ON	OFF: Auto up or auto down switch not being operated	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	DIAGNOSTIC NOTE
			ON: Auto up or auto down switch being operated	

### Body Electrical > Main Body > Data List

TESTER DISPLAY
D Door Power Window AUTO Switch

OK:

On the GTS screen, ON or OFF is displayed accordingly.

**NG**  **GO TO STEP 5**

**OK**



### 3. PERFORM INITIALIZATION

(a) Initialize the power window regulator motor assembly LH (for driver door).

Click here 

**NEXT**



### 4. CHECK POWER WINDOW CONTROL SYSTEM (AUTO UP / DOWN FUNCTION)

(a) Check that the driver door power window moves when the auto up and down functions of the multiplex network master switch assembly are operated.

Click here 

OK:

Driver door auto up and down functions are normal.

**OK**  **END (PROBLEM DUE TO INITIALIZATION FAILURE)**

**NG**  **REPLACE POWER WINDOW REGULATOR MOTOR ASSEMBLY LH (for Driver Door)** 

**5. REPLACE MULTIPLEX NETWORK MASTER SWITCH ASSEMBLY**

(a) Replace the multiplex network master switch assembly.

Click here [INFO](#)

**NEXT****6. CHECK POWER WINDOW CONTROL SYSTEM (AUTO UP / DOWN FUNCTION)**

(a) Check that the driver door power window moves when the auto up and down functions of the multiplex network master switch assembly are operated.

Click here [INFO](#)

OK:

Driver door auto up and down functions are normal.

**OK** ► **END (MULTIPLEX NETWORK MASTER SWITCH ASSEMBLY WAS DEFECTIVE)**

**NG** ► **REPLACE MAIN BODY ECU (MULTIPLEX NETWORK BODY ECU)** [INFO](#)

