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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: WINDOW / GLASS: POWER WINDOW CONTROL SYSTEM: All Power Windows do not Operate with Driver Side Door Key Cylinder or Wireless Transmitter; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

All Power Windows do not Operate with Driver Side Door Key Cylinder or Wireless Transmitter

DESCRIPTION

Wireless Transmitter-linked Function

When a key switch is pushed: 1) the door control receiver receives the wireless door lock signal; 2) the door control receiver sends a signal to the main body ECU (multiplex network body ECU) through the certification ECU (smart key ECU assembly); 3) the main body ECU (multiplex network body ECU) sends the operation permission signal to the power window regulator motor assemblies; and 4) the power window regulator motor assemblies are activated.

Key-linked Function

When the driver door key cylinder (key linked switch) is turned and held: 1) the door lock motor receives the signal; 2) the main body ECU (multiplex network body ECU) sends the signal to the power window regulator motor assemblies; and 3) the power window regulator motor assemblies are activated.

CAUTION / NOTICE / HINT

NOTICE:

- These functions are set through customize settings, as they are "Disable" by default.

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- The power window control system uses the LIN communication system, CAN communication system and CXPI communication system. Inspect the communication functions by following [How to Proceed with Troubleshooting](#). Troubleshoot the power window control system after confirming that the communication systems are functioning properly.

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- Before replacing the main body ECU (multiplex network body ECU), refer to [Registration](#).

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PROCEDURE

1. CHECK BASIC FUNCTION

(a) Check that the wireless door lock / unlock function operates normally.

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(b) Check that the key-linked lock/unlock function operates normally.

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RESULT	PROCEED TO
Wireless door lock/unlock function and key-linked lock/unlock function operate normally	A
Wireless door lock/unlock function does not operate normally	B
Key-linked lock/unlock function does not operate normally	C

B ► **GO TO WIRELESS DOOR LOCK CONTROL SYSTEM**

C ► **GO TO POWER DOOR LOCK CONTROL SYSTEM** [INFO](#)

A



2.	CHECK MANUAL UP / DOWN FUNCTION
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(a) Check that the manual up and down functions using the multiplex network master switch assembly, power window regulator switch assembly and rear power window regulator switch assemblies can operate all of the power windows.

OK:

Manual up and down functions are normal.

NG ► **GO TO OTHER PROBLEM (Proceed to Problem Symptoms Table)**

OK



3.	CHECK REMOTE UP / DOWN FUNCTION
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(a) Check that the remote up and down functions using the multiplex network master switch assembly can operate all of the power windows.

Click here [INFO](#)

OK:

Remote up and down functions are normal.

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

NG  **GO TO OTHER PROBLEM (Proceed to Problem Symptoms Table)**

