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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: WINDOW / GLASS: POWER WINDOW CONTROL SYSTEM: Auto Down Operation does not Fully Open Power Window (Catch Protection Function is Activated); 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

Auto Down Operation does not Fully Open Power Window (Catch Protection Function is Activated)

DESCRIPTION

If a door glass does not slide smoothly or a power window regulator motor assembly or door window regulator sub-assembly does not operate smoothly, the catch protection function may be triggered automatically, resulting in the auto down operation being unable to fully open the power window.

CAUTION / NOTICE / HINT

NOTICE:

- If a power window regulator motor assembly has been replaced with a new one, initialize the power window control system.
[Click here](#) **INFO**
- If a power window regulator motor assembly and door window regulator sub-assembly have been removed and installed, or if a power window regulator motor assembly was reused when a door glass or door glass run was replaced, initialize the power window control system.

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HINT:

This symptom may occur for any of the power windows.

PROCEDURE

1. PERFORM INITIALIZATION (APPLICABLE LOCATION)

(a) Initialize the power window regulator motor assembly (applicable location).

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NEXT



2. CHECK POWER WINDOW CONTROL SYSTEM (AUTO UP / DOWN FUNCTION (APPLICABLE LOCATION))

(a) Check that each power window moves when the auto up and down functions of the multiplex network master switch assembly or power window regulator switch assembly or rear power window regulator switch assembly is operated.

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OK:

Auto up and down functions are normal (applicable location).

OK ▶ END (PROBLEM DUE TO INITIALIZATION FAILURE)

NG



3. CHECK DOOR GLASS SLIDING MOVEMENT (APPLICABLE LOCATION)

(a) Remove the door window regulator.

for Front Door: Click here [INFO](#)

for Rear Door: Click here [INFO](#)

(b) Install the door glass to the door glass run.

for Front Door: Click here [INFO](#)

for Rear Door: Click here [INFO](#)

(c) Check if the door window regulator operates smoothly.

(d) Check that the door glass slides smoothly when sliding it up by hand.

NOTICE:

Make sure to perform initialization again.

HINT:

Ensure the following:

- The door glass fits with the glass run without improper contact or deformation.
- Foreign matter is not caught in the glass run.
- The glass run is not misaligned.
- The belt moulding or roof side rail weatherstrip is not caught.
- The glass is not tilted and does not catch.

OK:

Door glass slides smoothly.

RESULT	PROCEED TO
NG	A
OK (Driver door power window)	B
OK (Front passenger door power window)	C
OK (Rear LH door power window)	D

RESULT	PROCEED TO
OK (Rear RH door power window)	E

A ▶ FIT DOOR GLASS CORRECTLY (REMOVE FOREIGN MATTER CAUSING IMPROPER FIT OR REPLACE PARTS)

B ▶ REPLACE POWER WINDOW REGULATOR MOTOR ASSEMBLY LH (for Driver Door)

Click here [INFO](#)

C ▶ REPLACE POWER WINDOW REGULATOR MOTOR ASSEMBLY RH (for Front Passenger Door)

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D ▶ REPLACE POWER WINDOW REGULATOR MOTOR ASSEMBLY LH (for Rear LH Door)

Click here [INFO](#)

E ▶ REPLACE POWER WINDOW REGULATOR MOTOR ASSEMBLY RH (for Rear RH Door)

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