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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: WINDOW / GLASS: POWER WINDOW CONTROL SYSTEM: Jam Protection Function does not Operate; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

Jam Protection Function does not Operate

DESCRIPTION

This symptom may occur for any of the power windows.

The jam protection function operates within a specified range during the manual up or auto up operation.

CAUTION / NOTICE / HINT

NOTICE:

- If a power window regulator motor assembly has been replaced with a new one, initialize the power window control system.

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- If the pulse sensor built into the power window regulator motor assemblies are malfunctioning, the power window control system will enter fail-safe mode. The jam protection function cannot be operated during fail-safe mode.
- After the jam protection function operates when an auto up or manual up operation is performed, the jam protection function will not operate when the manual up operation is performed again within approximately 4 seconds.

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)

(a) Check if the power window auto up and down functions operate normally (applicable location).

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OK:

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

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

OK**3. CHECK JAM PROTECTION FUNCTION OPERATING RANGE**

(a) Check if the jam protection function operates normally for the applicable power window.

HINT:

The jam protection function will not operate within 4 mm (0.157 in.) of the fully closed position.

OK:

Jam protection function operates normally.

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

A ▶ **END (PROBLEM DUE TO INITIALIZATION FAILURE)**

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

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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)**

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

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