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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: REGISTRATION; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## REGISTRATION

## PROCEDURE

### 1. INITIALIZE POWER WINDOW CONTROL SYSTEM

**NOTICE:**

- When any of the door window regulator sub-assemblies, power window regulator motor assemblies, door glass or door glass runs have been removed and reinstalled, the power window control system must be initialized. Functions such as the auto up and down function, jam protection function, catch protection function, remote control function, key-linked function, wireless transmitter-linked function, key-off operation function, window open warning function and suggestion service function will not operate if initialization is not performed.
- When performing initialization, do not perform any other procedures.
- Make sure to park the vehicle and turn off all electrical systems before performing initialization. Initialization will be canceled if the vehicle is driven during initialization.
- When performing initialization, use the power window switch of each door to initialize each power window.
- Make sure not to hit, strike or vibrate the door glass during initialization because the vehicle is learning the sliding resistance of the door glass.
- Make sure not to turn the ignition switch off during initialization.

**HINT:**

- If initialization cannot be completed properly, the LIN communication system may be malfunctioning.

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- If the auxiliary battery has been replaced, it is not necessary to initialize the power window regulator motor assemblies.
- The initialization status of the power window of each seat can be checked using the Data List.



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(a) Perform initialization according to the table below.

CONDITION OF POWER WINDOW	PROCEED TO
A power window regulator motor assembly has been replaced with a new one.	Procedure A
<ul style="list-style-type: none"> <li>• Power window regulator motor assembly has been removed/installed or a door glass and/or door glass run, etc. have been removed/installed or replaced with new ones.</li> <li>• Power window cannot be fully opened via a down operation (door glass remains visible).</li> <li>• Power window cannot be fully closed (erroneously operates in reverse) after initialization.</li> <li>• Power window cannot be fully opened (erroneously stops) after initialization.</li> <li>• Instructions to perform initialization appear in other troubleshooting procedures.</li> </ul> <p><b>HINT:</b> Use this procedure if a power window regulator motor assembly is being reused.</p>	Procedure B
Power window unexpectedly operates in reverse or stops due to a change in the sliding resistance after a fitting adjustment is made.	Procedure C

(b) Procedure A

(1) Perform window position initialization (fully closed, fully open) and sliding resistance learning.

Operation Procedures	Door Glass Position (Door is closed)	Purpose
1. Connect the auxiliary battery. 2. Turn the ignition switch to ON. (Make sure the window lock switch is off.)	Any	<div style="border: 1px solid black; padding: 20px; text-align: center;">             Initialization preparation           </div>
3. Push down and hold the switch to fully open the power window.* + Continue holding the switch for 1 second or more after the power window is fully opened. (The switch may be operated to either the manual down or auto down position.)	Any  Fully open	
4. Pull up and hold the switch at the auto up position to fully close the power window. + Continue holding the switch for 1 second or more after the power window is fully closed. 5. Initialization complete.	Fully open  Fully closed	Window position initialization and sliding resistance learning (performed simultaneously)




**HINT:**


\*: Even if the door glass is in the fully open position before performing step 3, push down and hold the switch for 1 second or more.

(c) Procedure B

(1) Perform window position initialization (fully closed, fully open) and sliding resistance learning.

Reset the power window position, perform window position initialization (fully closed, fully opened) and sliding resistance learning.

Operation Procedures	Door Glass Position		Purpose	
1. Connect the auxiliary battery. 2. Turn the ignition switch to ON. (Make sure the window lock switch is off.)	Any			
3. Fully close the power window through auto up operation.  4. Confirm the operation result of step 3. - If the power window reverses, proceed to step 5. - If the power window stops before reaching the fully closed position, proceed to step 6.	Any    Fully closed			
5. If the power window reverses:  (a) Within 4 seconds of the power window reversing, pull up and hold the switch at the auto up operation position to fully close the power window.  + Continue holding the switch for 6 seconds or more after the power window is fully closed.	If the power window reverses:          Any	If the power window stops before reaching the fully closed position:          Any		Reset preparation
6. If the power window stops before reaching the fully closed position:  (a) Pull up and hold the switch at the auto up operation position until the power window moves upward.  (b) Pull up and hold the switch at the auto up operation position again and move the power window to the fully closed position.	  Reverses at the fully closed position	  Stops before reaching the fully closed position		

<p>7. Push down and hold the switch to open the power window to the position where the door glass stops.</p> <p>+ Continue holding the switch for 1 second or more after the power window reaches the door glass stopped position.</p> <p>(The switch may be operated to either the manual down or auto down position.)</p>	<p>Fully closed</p> <p>↓</p> <p>Door glass stopped position</p>	
<p>8. Push down and hold the switch at the auto down position to fully open the power window.*1</p> <p>+ Continue holding the switch for 4 seconds or more after the power window reaches the fully open position.</p>	<p>Door glass stopped position</p> <p>↓</p> <p>Fully open</p>	
<p>9. Pull up and hold the switch at the auto up position to fully close the power window.</p> <p>+ Continue holding the switch for 1 second or more after the power window is fully closed.</p> <p>10. Initialization complete.*2</p>	<p>Fully open</p> <p>↓</p> <p>Fully closed</p> <p>↓</p> <p>Fully closed</p>	<p>Sliding resistance learning</p>




**HINT:**

- \*1: After performing step 7, release the switch, and then perform an auto down operation.
  - \*2: After completing initialization, check that the power window can be fully closed using an auto up operation.
- If initialization cannot be completed properly, the LIN communication system may be malfunctioning.

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(d) Procedure C

- (1) Perform sliding resistance learning.

Operation Procedures	Door Glass Position	Purpose
1. Connect the auxiliary battery. 2. Turn the ignition switch to ON. (Make sure the window lock switch is off.)	Any	Reset preparation
3. Pull up and hold the switch at the auto up operation position to fully close the power window.  + Release the switch after the power window is fully closed.	Any   Fully closed	
4. Pull up and hold the switch at the auto up operation position to fully close the power window.  + Continue holding the switch for 4 seconds or more after the power window is fully closed.	Fully closed	
5. Push down and hold the switch to fully open the power window.  + Continue holding the switch for 1 second or more after the power window is fully opened.  (The switch may be operated to either the manual down or auto down operation position.)	Fully closed   Fully open	Sliding resistance learning
6. Pull up and hold the switch at the auto up operation position to fully close the power window.  + Continue holding the switch for 1 second or more after the power window is fully closed.  7. Initialization complete.	Fully open   Fully closed	

**HINT:**

If the jam protection function or catch protection function continues to operate even after performing steps 4, 5 and 6, perform the procedure again from step 3.

