



Technical Service BULLETIN

August 30, 2002

Title:

DRIVER'S DOOR POWER WINDOW AND MOON ROOF INITIALIZATION

Models:

'03 - '06 4Runner

REVISED

PG018-02

PRODUCT GENERAL INFORMATION

TSB REVISION NOTICE:

- August 19, 2005: 2004 - 2006 model years have been added to Applicable Vehicles.
 - December 6, 2002: The "Troubleshooting" section on page 2 has been added.
- Previous versions of this TSB should be discarded.

Introduction This bulletin outlines the initialization procedure for the driver's door power window and the moon roof on 2003 - 2006 model year 4Runner vehicles.

If the battery has been disconnected, the ECU will not be able to detect and memorize the driver's door power window and moon roof positions, resulting in the following features being inoperative:

- One-touch open and close of driver's door power window with jam protection.
- One-touch slide open and close of moon roof with jam protection.
- One-touch tilt up and down of moon roof with jam protection.

Please use the following initialization procedure whenever the battery has been disconnected.

Applicable Vehicles

- **2003 - 2006** model year **4Runner** vehicles.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	—	—	—	—

Initialization Procedure

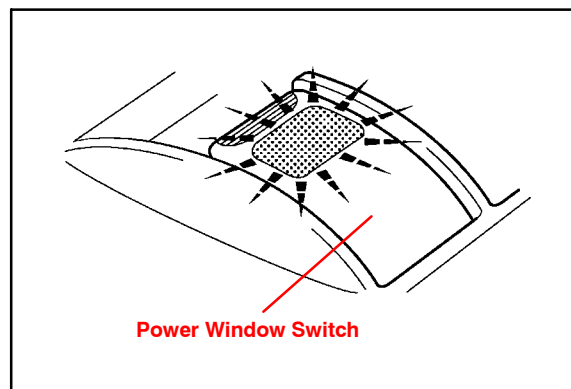
Driver's Door Power Window

With ignition switch in the "ON" position, do the following:

NOTE:

At this time, the power switch for the driver's door window should be blinking.

1. Push down and hold the driver's door power window switch to completely open the window.

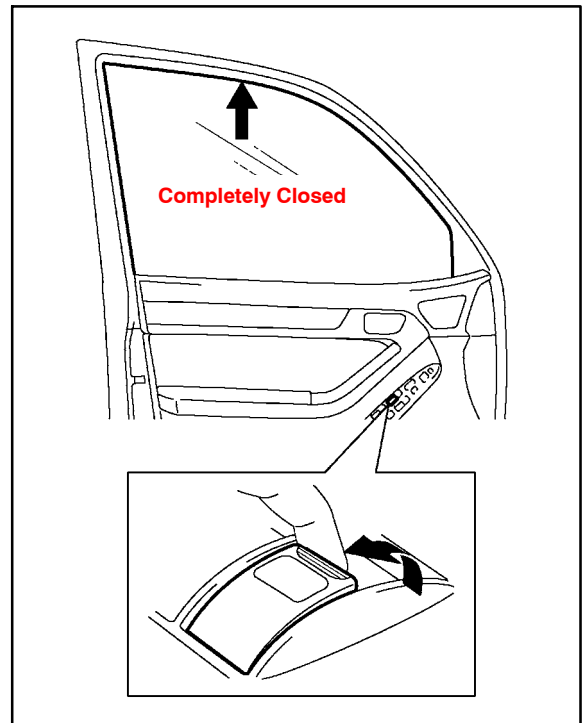


Initialization Procedure (Continued)

2. Pull and hold up the driver's door power window switch until the window closes. Continue holding the switch for approximately one second until the switch changes from blinking to a constant illumination.
3. Check for proper operation of the "one-touch open/close" by pushing the switch briefly to the "DOWN" and "UP" positions.

NOTE:

Jam protection function becomes effective through the above initialization procedure.



TROUBLESHOOTING:

If power window is unable to close after initialization, perform the following procedure.

NOTE:

If the power window switch is continuously operated for a long time, the power window motor will stop to prevent additional load on the motor. Continuing to press the power window switch even after the motor has stopped will cause the switch to blink and will restrict the AUTO UP/DOWN function and remote UP/DOWN function. If this happens, wait for a few minutes before attempting to reset the motor again.

1. Disconnect the negative (-) battery terminal. After 10 seconds, reconnect the battery terminal.
2. Turn the ignition switch to the "ON" position. Halfway close the door glass by pressing the switch. Then fully pull up on the switch until the door glass is fully closed, and continue holding the switch for approximately **one** second after the door glass is fully closed.
 - Check for proper operation of the AUTO UP/DOWN function.
3. If the power window motor is still unable to close:

Turn the ignition switch to the "ON" position. Halfway close the door glass by pressing the switch. Then fully pull up on the switch until the door glass is fully closed, and continue holding the switch for approximately **12** seconds after the door glass is fully closed.

 - Check for proper operation of the AUTO UP/DOWN function.

**Initialization
Procedure**
(Continued)**Moon Roof**

With ignition switch in the "ON" position, do the following:

1. Push and hold the "TILT UP" side of the switch until the moon roof tilts all the way up and then tilts down slightly (approximately 10 mm [0.39 in.] at the rear).
2. Check for proper operation of the "one-touch slide open/close" and "one-touch tilt up/down" functions by pushing the switch briefly to the "SLIDE OPEN" and "TILT UP" positions.

NOTE:

Jam protection function becomes effective through the above initialization procedure.

