

[Manuals.plus](#) /

- › [Standard Motor Products](#) /
- › Standard Motor Products DWS-150 Power Window Switch Instruction Manual

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Standard Motor Products DWS-150 Power Window Switch Instruction Manual

Model: DWS-150 | Brand: Standard Motor Products

1. PRODUCT OVERVIEW

The Standard Motor Products DWS-150 is a direct-fit OE-replacement power window switch designed to restore proper power window function in compatible vehicles. It features copper alloy conductors for superior electrical conductivity and a robust design to meet automotive demands.

Key Features:

- Direct-fit OE-replacement for seamless integration.
- Ensures superior electrical conductivity with low resistive losses.
- Manufactured to OE specifications for proper fit, form, and function.
- Vehicle-specific fitment.

2. INSTALLATION GUIDE

Safety Warning: Before beginning any installation, ensure the vehicle's ignition is off and the battery's negative terminal is disconnected to prevent electrical shorts or injury. Professional installation is recommended if you are unfamiliar with automotive electrical systems.

Tools Required:

- Screwdriver set (Phillips and/or flathead, depending on vehicle trim)
- Panel removal tool (plastic pry tool recommended to avoid damage)
- Socket wrench (if applicable for battery terminal)

Installation Steps:

- Disconnect Battery:** Disconnect the negative terminal of the vehicle's battery.
- Access Old Switch:** Carefully remove the interior trim panel surrounding the existing power window

switch. Use a panel removal tool to pry gently, locating and disengaging clips or screws.

3. **Remove Old Switch:** Once the trim panel is loose or removed, disconnect the electrical connector(s) from the old switch. Then, unclip or unscrew the old switch from the trim panel.
4. **Inspect New Switch:** Compare the new DWS-150 switch with the old one to ensure it is the correct replacement.



Figure 1: Front view of the DWS-150 switch, showing the 'AUTO' and 'WINDOWS' labels.

5. **Install New Switch:** Secure the new DWS-150 switch into the trim panel. Ensure it clicks firmly into place or is screwed down properly.



Figure 2: Side profile of the DWS-150 switch, illustrating its form factor.

6. **Connect Electrical Connector:** Reconnect the vehicle's electrical harness to the new switch. Ensure the connection is secure.



Figure 3: Bottom view of the DWS-150 switch, displaying the electrical contact pins.

- 7. **Reinstall Trim Panel:** Carefully reattach the interior trim panel, ensuring all clips and screws are properly secured.
- 8. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.
- 9. **Test Functionality:** Turn the vehicle's ignition to the 'ON' position and test the operation of all power windows to ensure the new switch functions correctly.

3. OPERATION

The Standard Motor Products DWS-150 Power Window Switch operates the vehicle's power windows. To operate, press the switch down to lower the window and pull the switch up to raise the window. Some switches may feature an 'AUTO' function, allowing a single press or pull to fully open or close the window without holding the switch.

4. MAINTENANCE

The DWS-150 power window switch is designed for durability and requires minimal maintenance. Keep the switch and surrounding area clean from dust and debris. Avoid spilling liquids directly onto the switch, as this can cause electrical malfunction.

5. TROUBLESHOOTING

If you experience issues with your power window switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Window does not move when switch is pressed.	Blown fuse, faulty window motor, wiring issue, or faulty switch.	Check vehicle's fuse box for a blown fuse and replace if necessary. Inspect wiring for damage. If fuse and wiring are good, the issue may be the window motor or the switch itself.
Window moves intermittently or slowly.	Weak electrical connection, worn window motor, or intermittent switch fault.	Ensure electrical connectors are clean and secure. Lubricate window tracks if movement is slow. If the problem persists, the switch or motor may need replacement.

Problem	Possible Cause	Solution
Switch feels loose or unresponsive.	Improper installation or internal mechanical failure.	Recheck installation to ensure the switch is properly seated in the trim panel and electrical connectors are secure. If the switch is physically damaged, it may require replacement.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified automotive technician.

6. SPECIFICATIONS

Specification	Detail
Model Number	DWS-150
Brand	Standard Motor Products
Operation Mode	ON-OFF
Current Rating	20 Amps
Operating Voltage	5 Volts
Contact Type	Normally Open
Connector Type	Plug In
Terminal Type	Through Hole
Item Dimensions (L x W x H)	2.44 x 2.44 x 2.38 inches
Contact Material	Copper
International Protection Rating	IP54
Controller Type	Push Button
Item Weight	2.08 ounces
UPC	025623692456

7. WARRANTY AND SUPPORT

Standard Motor Products offers a limited warranty on its products, covering defects in material and workmanship under normal use and service. For specific warranty terms, duration, and claim procedures, please refer to the official Standard Motor Products website or contact their customer support directly.

For technical assistance or further inquiries, please contact Standard Motor Products customer service. Keep your purchase receipt and product model number (DWS-150) handy when contacting support.

