

Nilight 90550A

Nilight Power Master Window Switch User Manual

Model: 90550A | Brand: Nilight

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Nilight Power Master Window Switch. Please read this manual thoroughly before installation and retain it for future reference.

1.1 Compatibility

This Nilight master power window switch is designed for direct replacement in the following vehicle models:

- 1999-2002 Chevy Silverado 1500, 2500, 2500 HD
- 1999-2002 GMC Sierra 1500, 2500, 2500 HD, 3500

Please verify your vehicle's make, model, year, and the original switch's pin terminal quantity (8 Pins + 8 Pins) before proceeding with installation.

FITMENTS



1999 2000 2001 2002 Chevy Silverado 1500	1999 2000 2001 2002 GMC Sierra 1500
1999 2000 2001 2002 Chevy Silverado 2500	1999 2000 2001 2002 GMC Sierra 2500
1999 2000 2001 2002 Chevy Silverado 2500 HD	1999 2000 2001 2002 GMC Sierra 2500 HD
	1999 2000 2001 2002 GMC Sierra 3500



Figure 1.1: Compatible Vehicle Models

1.2 Package Contents

- 1x Nilight Power Master Window Switch (Model 90550A)
- 1x Switch Removal Tool
- 1x User Manual

2. PRODUCT OVERVIEW

The Nilight Power Master Window Switch is a direct replacement component designed to restore full functionality to your vehicle's power windows and door locks. It features a durable ABS construction, ensuring resistance to water, vibration, and wear.

PRODUCT DETAILS

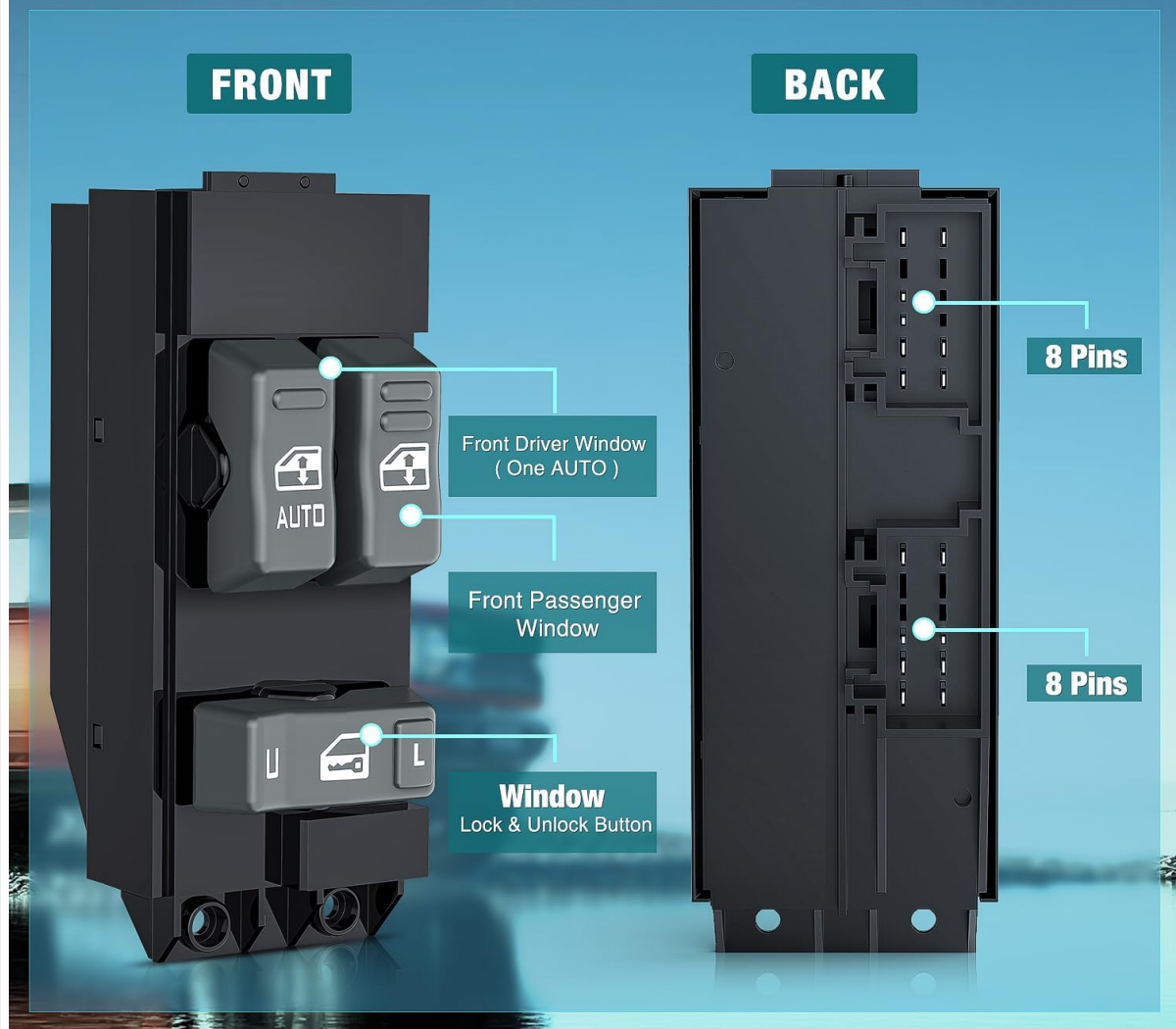


Figure 2.1: Front and Back View of the Window Switch with Pin Connectors

2.1 Key Features

- **OE-Like Design:** Engineered to match the fit, function, and appearance of the original equipment switch.
- **Durable Construction:** Made from high-quality ABS material for enhanced longevity and resistance to environmental factors.
- **Responsive Operation:** Provides smooth and immediate response for window control.

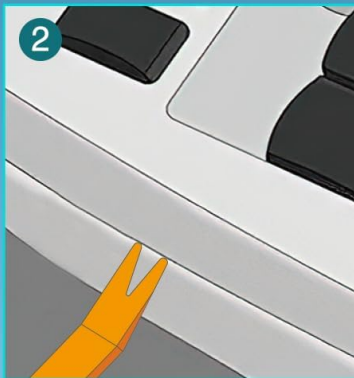
3. INSTALLATION INSTRUCTIONS

Follow these steps carefully to ensure proper installation of your new power master window switch. A switch removal tool is included to assist with the process.

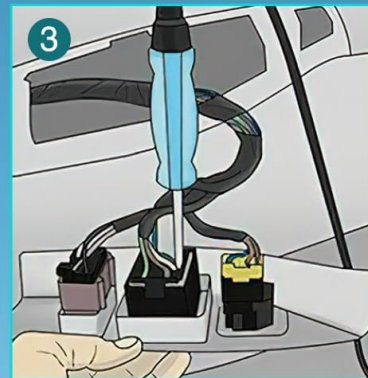
HOW TO INSTALL



1
Open the vehicle's hood to disconnect your battery, make sure under full stop condition.



2
Insert dismantle kit to the gap then remove the panel on the inside of the door.



3
Remove the switch assembly and disconnect the harness, clean the dust off the plug and the connector. Insert to a new switch.



4
Tighten the battery clamp. Ensure that the connection is good.



5
Testing the power window switch

Figure 3.1: Installation Steps Diagram

1. **Safety First:** Open your vehicle's hood and disconnect the negative terminal of the battery. Ensure the vehicle is in a full stop condition before proceeding.
2. **Remove Old Switch:** Using the provided switch removal tool, carefully insert it into the gap around the existing window switch panel. Gently pry the panel to release it from the door.
3. **Disconnect Wiring:** Once the panel is loose, carefully disconnect the electrical harness from the old switch assembly. Inspect the connectors for any dust or debris and clean if necessary.
4. **Install New Switch:** Insert the electrical harness into the new Nilight power master window switch until it clicks securely into place. Position the new switch assembly into the door panel opening.
5. **Reconnect Battery:** Reconnect the negative terminal of your vehicle's battery and tighten the clamp to ensure a good connection.
6. **Test Functionality:** Turn on your vehicle's ignition and test all functions of the new power window switch, including all window controls and the window lock/unlock button.



Figure 3.2: Before and After Replacement

4. OPERATION

The Nilight Power Master Window Switch provides intuitive control over your vehicle's windows and door locks.

EASY REMOVAL



QUICK INSTALLATION

Come With 1x Switch Removal Tool



Figure 4.1: Window Switch Button Functions

- **Front Driver Window (AUTO):** Press down fully and release for automatic window descent. Pull up fully and release for automatic window ascent. Partial press allows manual control.
- **Front Passenger Window:** Press down to lower the window, pull up to raise the window. Release the button to stop the window at the desired position.
- **Window Lock/Unlock Button:** Press this button to enable or disable control of the passenger windows from their respective switches. When locked, only the master switch can operate the passenger windows.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Nilight Power Master Window Switch, follow these simple maintenance guidelines:

- **Keep Clean:** Regularly wipe the surface of the switch with a soft, dry cloth to remove dust and debris.
- **Avoid Liquids:** Prevent liquids from spilling onto the switch, as this can cause electrical damage.
- **Gentle Operation:** Operate the buttons with gentle, firm presses. Avoid excessive force which could damage the internal mechanisms.

6. TROUBLESHOOTING

If you experience issues with your power window switch, consider the following troubleshooting steps:

- **Window Not Responding:**

- Check if the window lock button is engaged.
- Verify that the electrical connectors are securely attached to the switch.
- Inspect your vehicle's fuse box for a blown fuse related to the power windows. Refer to your vehicle's owner's manual for fuse locations.

- **Intermittent Operation:**

- Ensure all connections are clean and free of corrosion.
- If the issue persists, the window motor or wiring within the door may require inspection by a qualified technician.

If these steps do not resolve the issue, please contact Nilight customer support for further assistance.

7. SPECIFICATIONS

Specification	Detail
Brand	Nilight
Model Number	90550A
Part Number	90550A
Replace Part Number	15047637, 19259957
Compatibility	1999-2002 Chevy Silverado 1500/2500/2500HD, GMC Sierra 1500/2500/2500HD/3500
Terminal Configuration	8 Pins + 8 Pins
Operation Mode	Toggle
Current Rating	5 Amps
Operating Voltage	12 Volts (DC)
Contact Type	Normally Open
Connector Type	Plug In
Material	Durable ABS, Brass Contacts
Color	Black
Item Dimensions (L x W x H)	3.94 x 1.97 x 1.97 inches
Item Weight	0.5 ounces
International Protection Rating	IP64

Specification	Detail
UPC	840323905091

8. WARRANTY AND SUPPORT


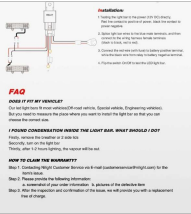
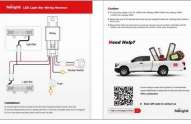

8.1 Warranty Information

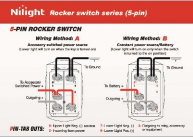

This Nilight Power Master Window Switch comes with **a2-Year Warranty** provided by Nilight. This warranty covers defects in materials and workmanship under normal use.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Nilight product, please contact Nilight customer support through their official website or the retailer where the product was purchased.

Related Documents - 90550A

	<p>Nilight Headlight Assembly User Manual and Installation Guide</p> <p>Comprehensive user manual for Nilight Headlight Assembly, covering common causes of condensation, troubleshooting, installation steps, and beam angle adjustment for Chevy Blazer and Chevrolet S10 Pickup models.</p>
	<p>Nilight LED Light Bar Installation and FAQ - ZH303 Model</p> <p>Learn how to install your Nilight ZH303 LED light bar, troubleshoot common issues like condensation, and understand the warranty claim process. Includes wiring diagram explanation.</p>
	<p>Nilight LED Light Bar Wiring Harness Installation Guide</p> <p>Step-by-step instructions and safety precautions for installing a Nilight LED Light Bar Wiring Harness. Includes wiring diagram explanation and support contact information.</p>
	<p>Nilight LED Tailgate Light Strip Installation and Functions</p> <p>Detailed information on the functions and installation instructions for the Nilight LED Tailgate Light Strip, including wiring guide and support contact.</p>

 <p>The diagram shows two wiring methods for a 5-pin rocker switch. Method A shows connections for power, ground, and two loads. Method B shows connections for power, ground, and two loads with a different internal switch configuration. The text 'FOR JEEB BATTERY' is visible at the bottom left of the diagram.</p>	<p>Nilight 5-Pin Rocker Switch Wiring Guide & Specifications Model 90002B</p> <p>Detailed wiring instructions and specifications for the Nilight 5-pin rocker switch (Model 90002B). Learn how to connect your LED light bars for automotive, marine, and truck applications using Wiring Methods A and B.</p>
 <p>The image shows a collage of photos from an installation guide. It includes the bumper unit, various tools like a drill and wrench, and the bumper being installed on the front of a vehicle.</p>	<p>Nilight Heavy Duty Front Bumper Installation Guide for Jeep Wrangler JK</p> <p>Step-by-step installation instructions for the Nilight Heavy Duty Front Bumper with LED Lights, designed for 2007-2018 Jeep Wrangler JK/JKU models. Includes tools required, included components, and wiring guidance.</p>