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Window Regulator
 INSTALLATION GUIDELINES



Warranty

If your product does not work properly because of defects in materials or workmanship, Retro Manufacturing, LLC (collectively referred to as the "warranter") will for the length of One Year, which starts on the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or refurbished product. The decision to repair or replace will be made by the Warranter.

ITEM	PARTS
Window Regulator	1 Year

During the "Parts" warranty period, there will be no charge for parts. You may return your product prepaid during the warranty period. This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purchaser of a new product which was not sold "as is." A purchase receipt or other proof of the original purchase date is required for warranty service.

To handle warranty issues, contact us at tech@retromanufacturing.com or call 888.325.1555. All returns and warranty issues must be accompanied by a Return Authorization (RA) number along with a copy of your original purchase receipt. Any items sent to us without a RA number and copy of the receipt will be refused. Once an RA number is issued, send the product along with the original sales receipt to the address above.

The information enclosed in this installation guide is to be used as merely an outline to assist you during the process of installation. This guide does not cover every installation possibility, vehicle or every aspect of the installation process.

Retro Manufacturing, LLC, or its subsidiaries assume no responsibility for proper or improper installation. Every attempt as been made to make this installation guide as informative as possible. This guide may be updated from time to time. Check our website for the latest updates, www.retromanufacturing.com.

Warning

This is not a direct fit part and is only designed for large doors with flat glass. Some installations may require modification to the inner doors or the window regulator system.

If your vehicle is a coupe or convertible and does not have a door frame, you will need to install a stop to limit the window travel. Please read these instructions completely before attempting your installation.

Installation Instructions

Take time to carefully plan your installation. Before making any modifications, make sure there is enough room inside the door to mount the regulator and motor to ensure proper window travel. Begin by removing the door panels to gain access to the inner doors.

Step 1

With the door panel removed, place the window regulator in the center of the inner door panel. Check to insure that there is sufficient height and width to mount it inside the door while also checking for window travel requirements. Using a felt-tipped marker, mark the mounting hole and bolt locations while making sure there is sufficient space around the hinges and other door operation parts. If the window regulator track is too tall, you will need to trim it to fit. To match window travel requirements, it may be necessary to make adjustments to the location of the regulator.

Step 2

Choose a location to mount your window control switches. This kit comes with two switches – one driver switch with two controls, and one passenger switch with only one control. Make sure there is plenty of room behind the door panel to route the wiring. The driver switch wires need to be routed to the passenger switch, the ignition power and a clean ground. If the wiring is to be routed through the door jambs, use extreme caution to ensure that the wires do not get pinched or shorted when the door is closed. Double check that the wires are clear from obstructions, out of the way of the window track and do not interfere with the operation and travel of the window.

Step 3

Next, you will need to mount the window to the window channel. To do this, place the glass on a padded firm surface, and wrap the bottom edge with the supplied track rubber. Apply a small amount of oil-based lubricant such as silicon spray or mild oil to the track rubber. Then, place the window track over the wrapped edge, and carefully press it into place (you may need to carefully tap it with a rubber mallet).

Step 4

Line up the window regulator inside the door according to the location you chose in step 1. Using extreme caution, drill out any holes need to mount the regulator and motor assembly. Mount the regulator to the inner door securely. Carefully guide the door glass and window track into the door and bolt it to the regulator track. Route all motor wires to the switches and all switch wires to the ignition and ground.

Step 5

Test the window operation and travel. Make sure the window doesn't bind during travel. Test each switch for proper operation. Replace the door panels and enjoy your new power windows.

Included Parts

Window Track	Track Rubber	Hardware	Regulator
Wiring Harness	Driver Switch	Passenger Switch	

Troubleshooting

Switches do nothing

- Check the power and ground to the driver switch.
- Ensure that both switches are plugged firmly into the wiring harness.
- Check the main fuse for power.

Window sticks while moving up or down

- Adjust the regulator track to be sure that the window travels straight up and down. It may be necessary to shim the mount locations for proper travel.

Wiring Diagram

