



Installation Instructions

IMPORTANT

Before Installation: Check the window gasket in the truck for proper type.



The PowrSlider is designed to use the original window gasket installed by the manufacturer. Before beginning installation, first determine which type of gasket is in the vehicle, using the guidelines below.

Many trucks come with pass-through windows installed by the manufacturer. The gaskets used on these types of windows are unique, and are not suitable for use with the PowrSlider (Fig. 3). The gasket channel that holds the O.E.M. pass-through window is too wide to secure the PowrSlider.

NOTE: It is recommended that installers anticipate the need to install original gaskets for use with PowrSlider and should keep several models on hand to make installations go quickly. If an O.E.M. gasket is needed, they can usually be found at your local dealer.

FIG. 1

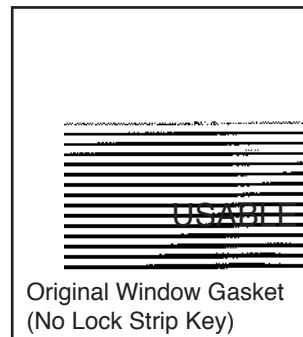
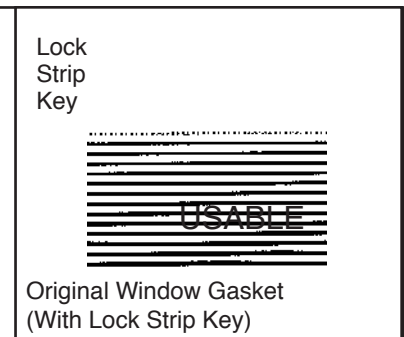
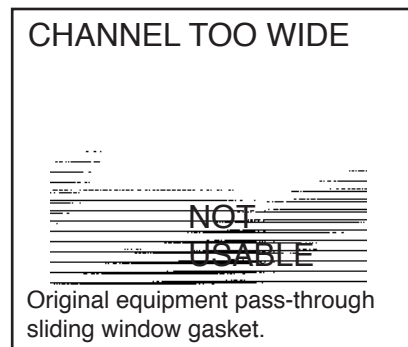


FIG. 2



NOTE: Both types shown in Fig. 1 and Fig. 2 are suitable for use with the PowrSlider.

FIG. 3



The PowrSlider installation is a simple procedure that requires only a few basic tools. You may need a helper. Please read this entire instruction sheet carefully before beginning installation, and note all cautions.



Tools and Equipment Required

- Phillips Screwdrivers, #1 & #2
- Slotted Screwdrivers, small and medium
- T-50 Torx head socket
- Socket Wrench for Torx socket
- Electric Drill and assorted Drill Bits
- Rubber Lubricant
- Electrical Tape (not necessary for all installations)
- 1/8" Cotton or Nylon Cord (approx. 10')
- Low Voltage Test Light

Optional

- Plastic Spatula
- Wire Cutter/Crimper
- Utility Knife



PowrSlider Installation Kit Includes

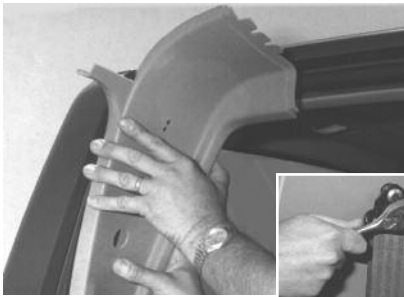
- Power Switch with Wire Leads
- Power Switch Mounting Bezel with Screws
- Wire harness (red and yellow)
- Fused Wire Harness (blue and black)
- Wire Connectors
- Motor Drive Mounting Tabs and Screws
- Three Cable Retainers and Screws



Cautions

1. The manufacturer takes extra care to pack each window in a special box to protect the power drive unit and drive cable. Remove from box and handle window carefully throughout the installation procedure, taking care not to allow the motor drive to hang unsupported from the window at any time, or allow the cable to be kinked or twisted.
2. The PowrSlider window is packed in the box with the moving glass panel in the open position, so that the window is easier to handle during installation.
3. Electrical connection should be to an accessory-operated line, so that the window can only be operated when the key is in the ON position.

Each vehicle presents its own considerations at installation, such as the kind of interior trim it may have—standard or deluxe. Switch mounting location and fuse panel accessibility are all things to be considered when planning the installation of your PowrSlider.



Prepare the Cab

Remove interior trim panels that block your access to the pinchweld gasket. This may also necessitate removal and replacement of seat belt retainers. Be careful to keep all screws that are removed in one place so none are lost. This step may not be necessary in trucks with standard interiors.

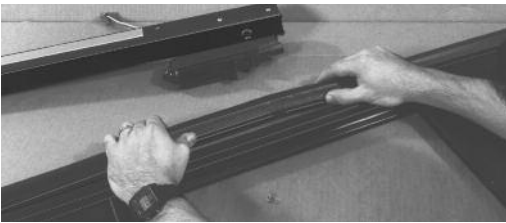
Remove Original Glass

If the original gasket has a decorative insert, do not remove it. Use masking tape and seal the insert in the gasket before removing original glass and gasket. While your helper supports the outside of the glass, peel up the inside leg of gasket into the window opening while applying gentle pressure outward. Glass will release from truck opening with gasket in place.



Note

If you are removing a conventional slider to install a PowrSlider, it will remove the same way. Exception: if it is a factory O.E.M. slider, the gasket pocket is too large and won't work with the PowrSlider. The rubber gasket may need to be replaced with an O.E.M. fixed glass type gasket.



Place the Gasket

Install the gasket around the PowrSlider window, making sure the exterior side of the gasket is facing the right side out.

Rope Insertion

Place the rope around the window gasket in the pinchweld pocket of the gasket, overlapping the cord at the bottom center. Lubricate the pinchweld pocket and the lip of the gasket with hand cleaner or lubricant.





Place Window in the Cab

Carefully pick up the window and the power drive. Bring the window to the cab opening and carefully pass the power drive and cable through the opening, as well as both rope ends.

Press the window and gasket tightly against the bottom pinchweld opening. Pull the cord ends slowly to reseat the gasket lip over the pinchweld flange. Continue the process all the way around the window until the gasket is seated completely.

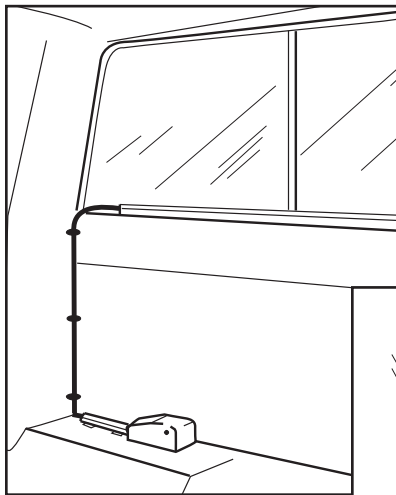


Mounting the Power Drive

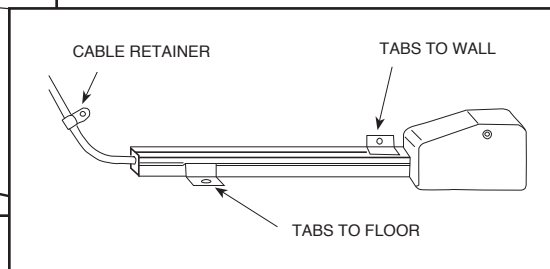
Position the power drive against the back wall on the passenger side, so the cable fits neatly in the corner of the cab without causing acute bends in the cable. Motor mounting tabs are provided to secure the power drive. Install the tabs into the slots that run the length of the drive rail. Slots are provided to install the tabs for screw mounting to the floor or the back wall. Position tabs at each end of the drive rail. Use the hole in the tabs to locate and drill a 1/8" pilot hole for the screws. Install the screws and tighten.

Caution

Always check to make sure that you are not drilling into another component such as seat belts, speaker wires, fuel lines, brake lines, etc.

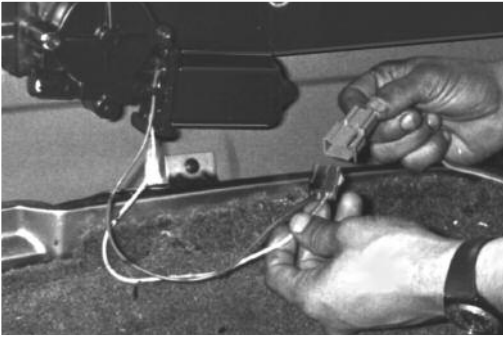


**POWER DRIVE
MOUNTING OPTIONS**



The installation kit also includes three cable retainers and screws, to be used where necessary to secure the cable for a neat, rattle-free appearance.





Install the Wiring

Using the red/yellow wire harness, attach gray connector end to the motor connector, then snap into place to ensure good connection. Run wires under carpet or pad to door threshold. Remove the door threshold plate and run wires under it to kick panel cover. Slip wires under edge of kick panel (this may require removal of kick panel cover).

After wires have been routed out of the top and into the under dash area, replace door threshold plate and kick panel cover.



Determine location of the switch (in dash or bracket mount). Insert switch wiring through mounting bezel, then take black/blue fused wire harness and connect the black/blue switch lead wires (black to black; blue to blue). Black wire is ground lead and can be screw-mounted to any metal ground point under the dash. With the increased use of plastic in dashboards, it is important to make sure the metal you attach the ground lead to is grounded and not insulated from ground.

The blue wire is the positive power lead and can be connected to any available 12V DC fuse on the fire wall fuse panel accessory terminal. 12V DC with 15 amps or more.

Note

Do not use radio fuse or you will hear motor noise through the radio when window is in operation.

FIG. 6

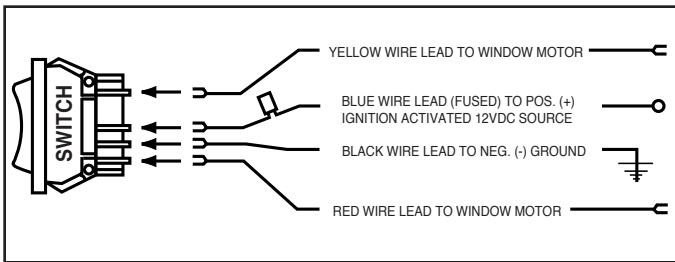


FIG. 7

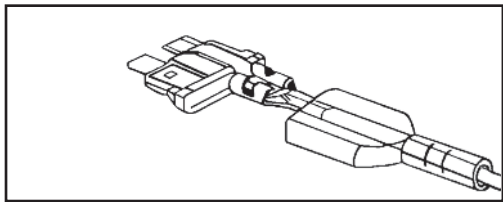
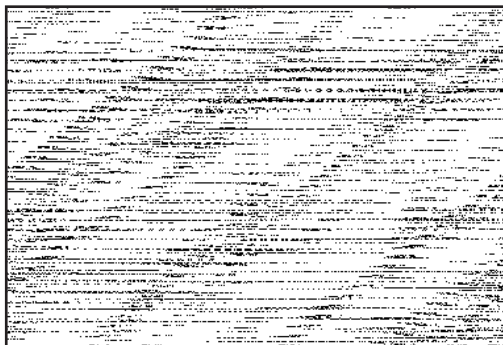


FIG. 8



Positive Lead Connection

Locate the fuse you wish to tap into. (Remember, it needs to be an ignition on/off activated fuse of at least 15 amps.)

Pull the fuse out and use the test light to determine the fused side of the receptacle. Check it with the ignition key on and then off. Slip the fuse adapter terminal over the fuse pin that matches the fused

side you tested, then reinsert into the fuse receptacle.

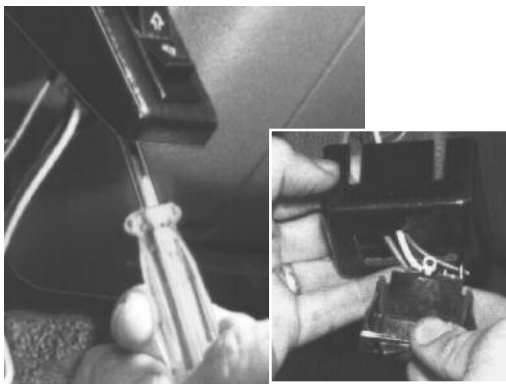
Attach to the fuse adapter terminal and slide the insulating collar down over the connection.

Note

Only connect to ignition activated on/off 12V DC source.

Check good electrical contact from switch to power unit before mounting switch. Mate yellow motor wire lead to yellow switch wire lead; mate red motor wire lead to red switch wire lead. Test operation of window by pressing switch in both directions. If window does not operate, test all connections for power (particularly blue power lead wire), and check 20 amp fuse in wire harness.

It is advisable to use a current test light probe to verify your selection of O.E.M. positive accessory lead. If all checks okay, proceed to switch mounting.



Mount the Switch

Locate a suitable unobstructed place on the underside of the dash lip to mount the switch. Use the switch bezel to mark the screw hole locations, then drill two holes.

Caution

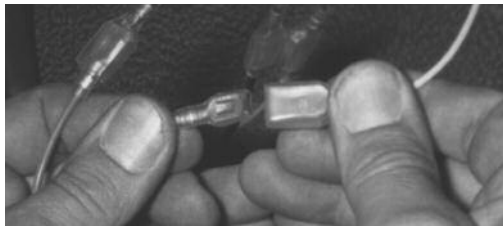
Check the back side of the dash where you intend to drill for clearance. Be careful not to drill through into components behind the dash.

Snap switch into bezel. Pull bezel into position, insert screws and tighten. Attach wire loom matching color to color. Tuck all remaining wire length up under dash so as not to obstruct anything and secure with twist tie or electrical tape.

Turn on the ignition and push the switch. The window will close. Clean the glass and frame, and the installation is complete.

Clean Up

A test should be performed by gently spraying water over the top of the cab.



Power Drive Detachment

For ease of installation and serviceability, the power drive can be detached from the window. For detachment the window and drive must be in the full or nearly full open position.

Step 1

At the cable end of the power tube, locate and remove the small C-Ring Retainer. Use a paper clip inserted through the hole of the C-Ring to lift it out. The paper clip will help prevent the loss of the small C-Ring (see diagram).

Step 2

At the opposite end of the power tube, locate and remove the small Phillips head screw. Then slide that section of the power tube toward the corner of the window, exposing the cable to glass connector. Lift the connector off of the glass clip and extract the cable from the power tube.

To reattach the power drive, follow the detachment procedure in reverse.

