

INSTALL/REMOVAL INSTRUCTIONS: WINDOW REGULATOR

ATTENTION: Refer to the appropriate shop manual for your vehicle to obtain specific service procedures for this part. If you do not have a service manual or lack the skill to install this part, it is recommended that you seek the services of a qualified technician. Pay special attention to all cautions and warnings included in the shop manual. Read and follow all instructions carefully.

REMOVAL/INSTALL OF WINDOW REGULATOR (741-870)

Ford Windstar 1995–2003, Ford Freestar 2004–2006 & Ford Monterey 2004–2006

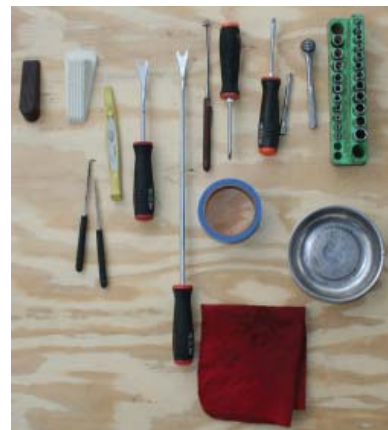
General Tech Tips:

- Use painter's tape rather than duct tape to secure window. It will not damage paint or leave sticky residue.
- A plastic pry tool is useful. It will not easily damage delicate trim like a screwdriver or metal pry bar.
- The replacement regulator should have a liberal amount of grease on slide area. If there is not much grease present, white lithium grease works well to lubricate the slide area.
- Aftermarket window tinting can cause the window to travel slower and put additional strain on the window regulator assembly.
- Window run channels should be cleaned and lubricated before installation of a new window regulator assembly. Silicone spray works well.

Tools required for proper removal of motor and regulator:

- **Silicone spray lubricant**
- **Trim removal tool**
- **Pick, flat-blade screwdriver or plastic pry tool**
- **Painter's tape, wedge or saddle cup assembly to hold window**
- **10mm socket or driver**
- **Phillips screwdriver**
- **1/4" Drill Bit, 3/8" Drill**
- **Dorman Rivet Gun 743-100 (Ford # D80L-23200-A) or Equivalent**
- **Torx 30 bit and driver on Torx 30 screwdriver**

PLEASE WEAR SAFETY GLASSES!



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Removal Instructions

STEP 1: Remove the attached door trim panel attaching screws.



STEP 2: Remove the interior bezel for the outside rear view mirror.



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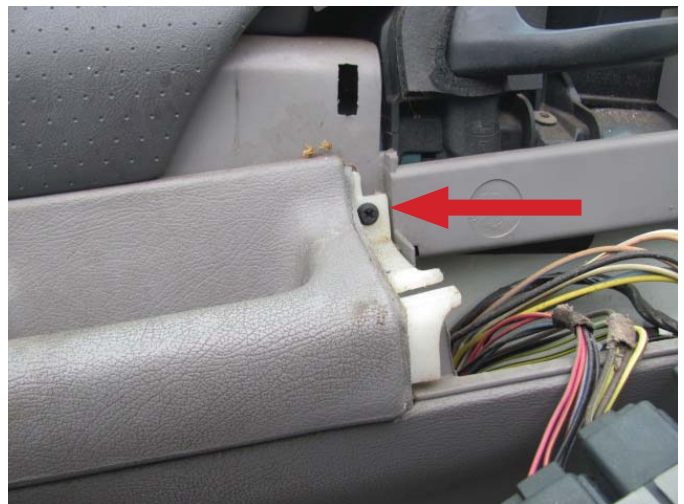
STEP 2a: Gently remove the interior door handle bezel assembly using a trim removal tool.



STEP 2b: Using a trim removal tool, remove the master switch bezel assembly.



STEP 3: Remove the screw that holds the interior door panel onto the door.



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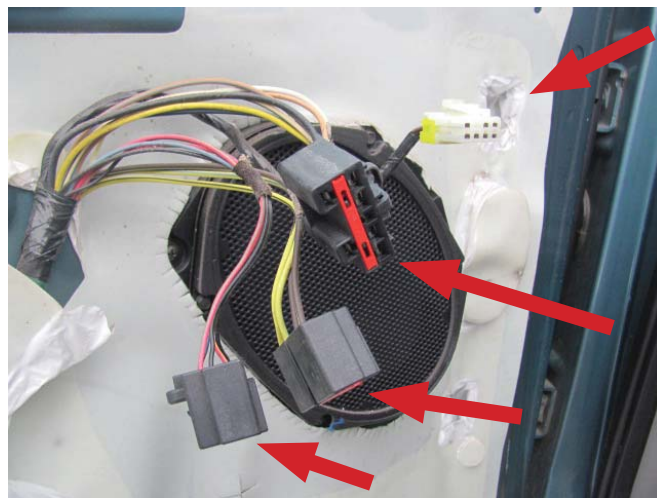
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STEP 4: Disconnect the electrical connectors from the power master switch assembly.



STEP 5: Remove the interior door trim panel by pulling the bottom of the door panel toward you, while also lifting in an upward motion. BE SURE THAT ALL SCREWS HAVE BEEN REMOVED.



STEP 5a: Remove the water shield from the door.

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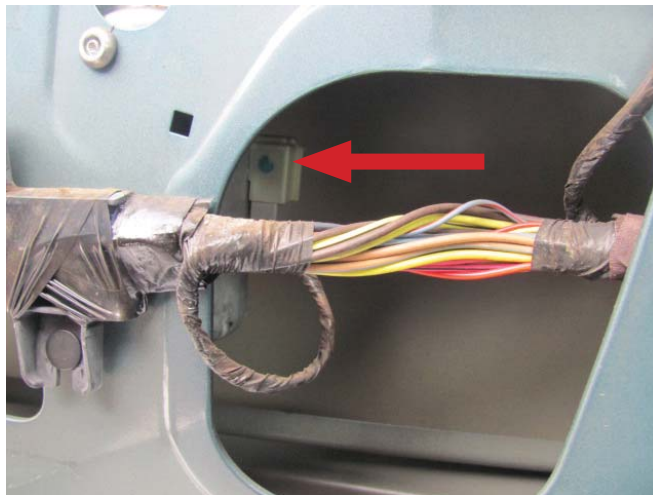
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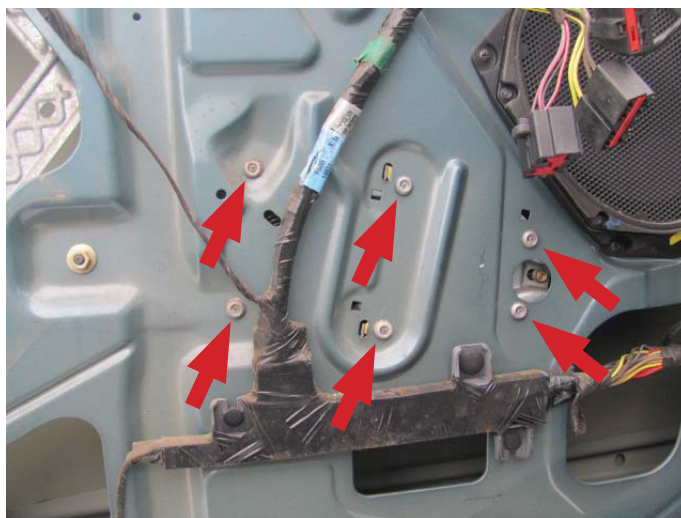
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STEP 6: Using a pick or flat-blade screwdriver, disconnect the window motor connector from the window lift motor.



STEP 7: Using either painter's tape, a wedge, or a saddle cup assembly, attach to the window glass to keep the glass stationary. Failure to do so could result in glass breakage.

STEP 8: Using a 1/4" drill bit and a 3/8" drill, drill out the center of the rivets attaching the window regulator to the door. In some cases you can use a punch to drive the center of the rivet out so that you can have more surface area for the drill bit to stay centered on.



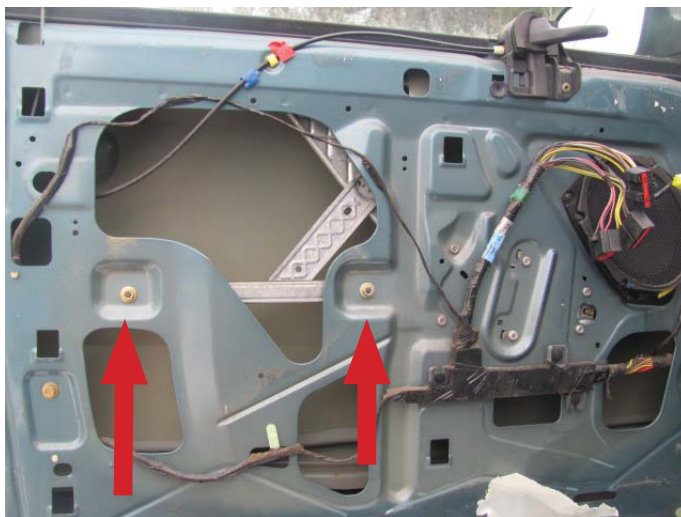
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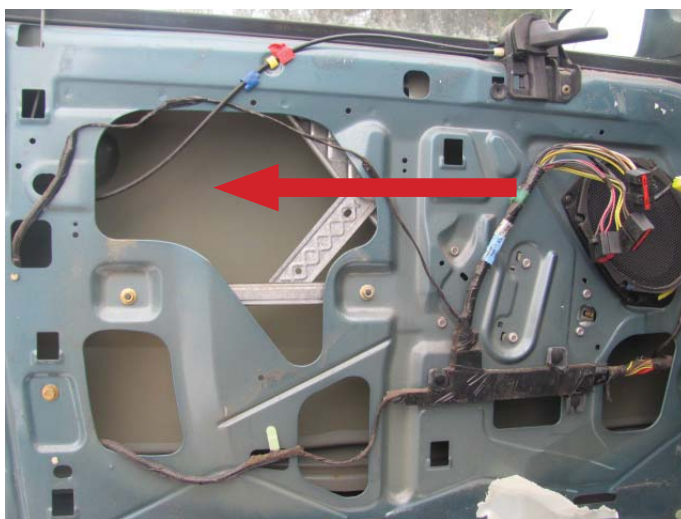
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STEP 8a: Remove the remaining attaching bolts that hold the window regulator onto the door.



STEP 9: Remove the window regulator through the access hole.



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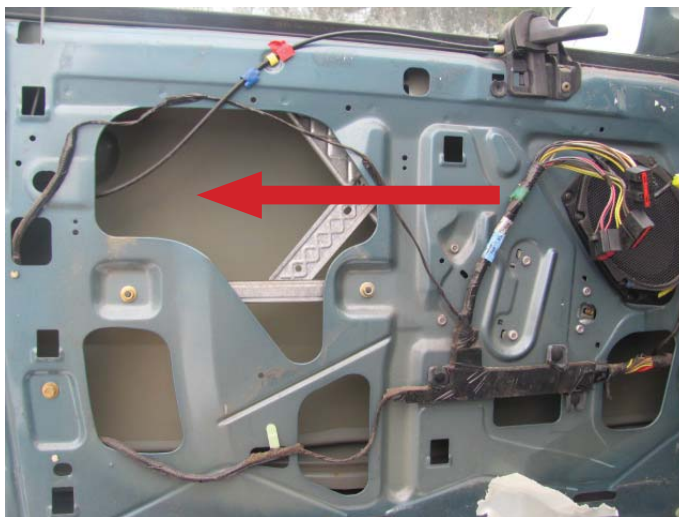
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Installation Instructions

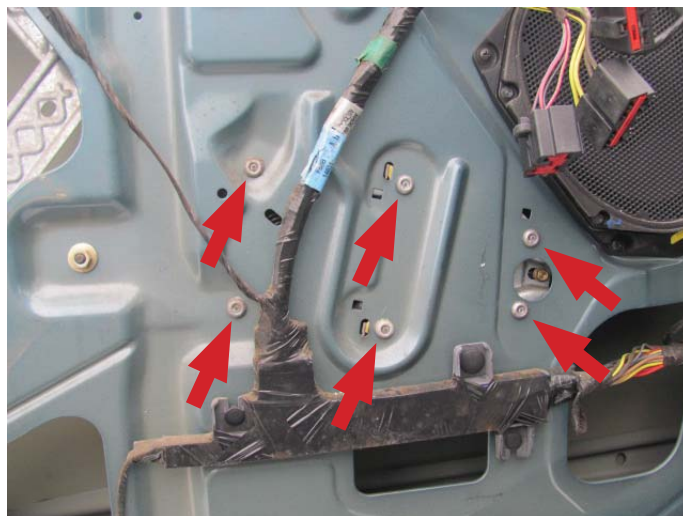
STEP 1: Place the window regulator assembly through the access hole.



STEP 2: Bolt the window regulator assembly into the door.

DO NOT TIGHTEN THE BOLTS.

STEP 3: Attach the window regulator to the door using the necessary pop rivets and rivet gun.



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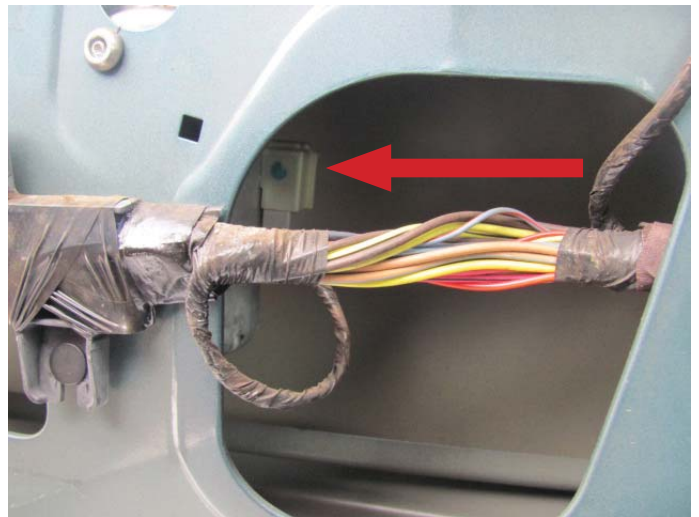
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STEP 4: Attach the window door glass to the window regulator assembly. It may be necessary to temporarily connect the power master switch assembly and the window lift motor to be able to line up the glass mounting holes to the window regulator.

STEP 4a: Tighten the window regulator mounting bolts to the door.

STEP 5: Connect the electrical connector for the window lift motor.



STEP 6: Install the water shield.

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STEP 7: Install the door panel, aligning the door panel onto the inner door belt weatherstrip and the alignment holes that are cut into the door. Once the door panel is aligned gently push in a downward position from the top of the door panel to properly interlock the door trim panel to the door.

STEP 8: Install the trim panel for the exterior rear view mirror.



STEP 9: Attach the screws that hold the door trim panel onto the door.



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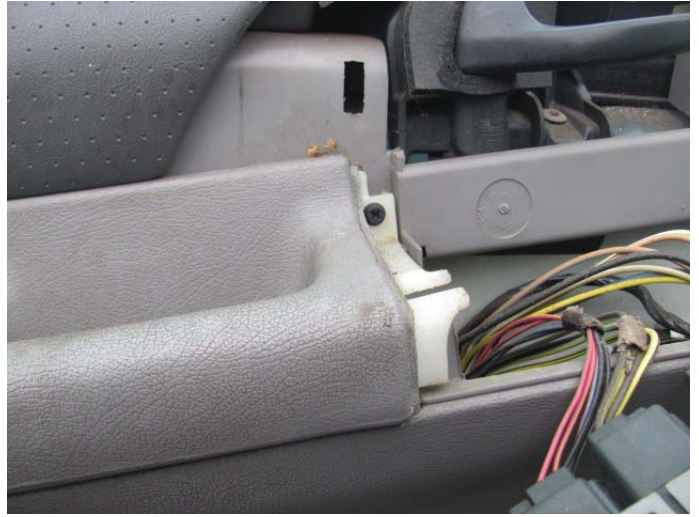
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STEP 9a: Attach the door trim panel screw.



STEP 10: Connect the power master switch assembly and install into the door trim panel.



STEP 11: Install the door handle bezel assembly.



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**We appreciate your opinions regarding this product!
Please call our Technical Assistant with any challenges or
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