

# 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 (741-605) Ford Escape 2001–05, Mercury Mariner 2005

### 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.

**PLEASE WEAR SAFETY  
GLASSES!**

### Tools required for removal and installation of window regulator and motor assembly:

- **Silicone spray lubricant**
- **Trim panel removal tool**
- **Pick**
- **Saddle cup assembly, tape or wedge to hold window in place**
- **Flat-blade screwdriver or plastic pry tool**
- **10 mm socket or driver**
- **Phillips screwdriver**
- **Grease pencil or marker**



#### Disclaimer:

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## Removal Instructions

**STEP 1:** Remove the master power switch assembly. To remove the switch, use your trim panel removal tool.



**STEP 2:** Remove the door panel retaining screw cover.



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**STEP 3:** Remove the attaching screw from the door pull cup assembly.



**STEP 4:** Remove the retaining screw from the door handle bezel.



**STEP 5:** Remove the retaining screw from the side interior door trim panel.



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**STEP 6:** Using your trim panel removal tool, remove the door trim panel by placing your tool between the door panel and door, pry the door panel to release the retaining clips holding the door trim panel onto the door.



**STEP 7:** Remove door trim panel.



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**STEP 8:** Remove the water vapor barrier (if so equipped).



**STEP 9:** Temporarily connect the master power switch assembly to lower door glass exposing the door glass attaching screws.

**STEP 10:** Once the door glass attaching screws have been identified, use either the saddle cup assembly, painter's tape, or a wedge to secure the glass into a safe position.

**STEP 11:** Once the glass is in a safe position, manually slide the glass into the full up position and re-secure in place.

**STEP 12:** Disconnect the power window motor connector.



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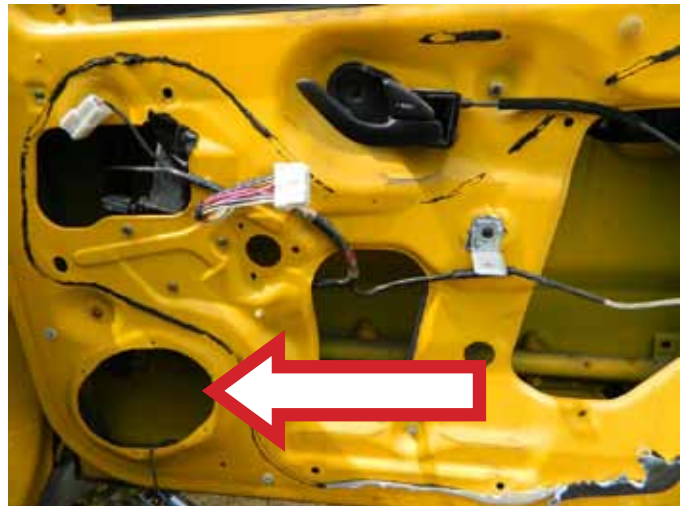
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**STEP 13:** Remove the door speaker assembly attaching screws.



**STEP 13a:** Disconnect and remove the door speaker.



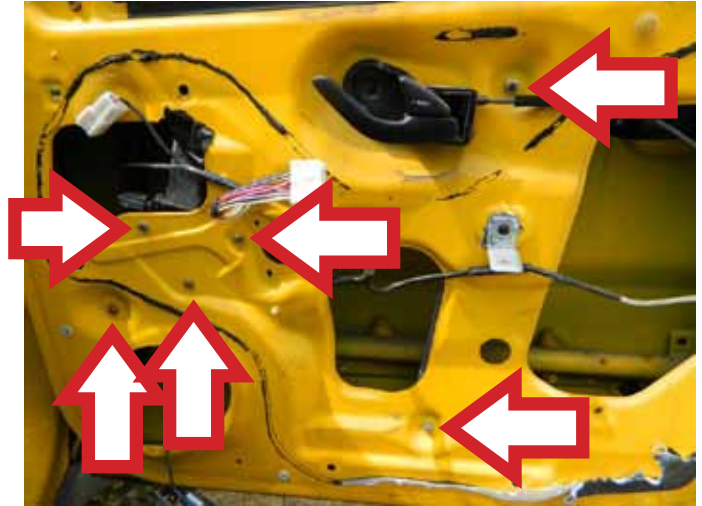
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**STEP 14:** Remove the window regulator attaching screws.



**STEP 15:** Remove the regulator assembly through the large access hole.



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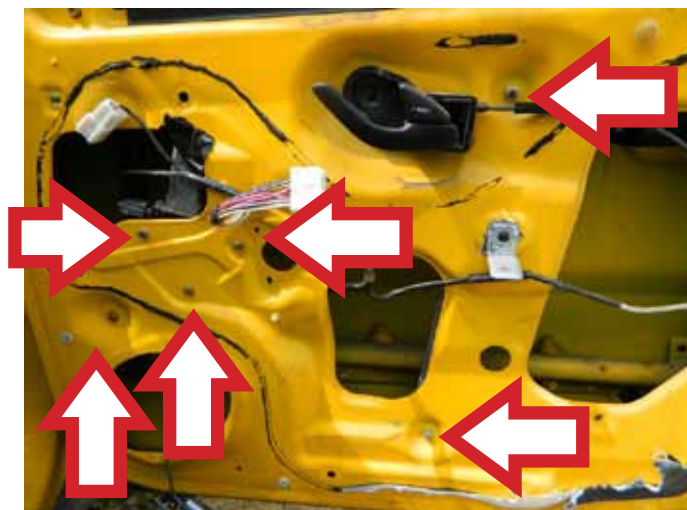
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## Installation Instructions

**STEP 1:** Install the window regulator into the large access hole.



**STEP 2:** Attach the window regulator to the door using its mounting hardware.



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**STEP 3:** Connect the window lift motor.



**STEP 4:** Connect and attach the door speaker assembly.



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**STEP 5:** Temporarily install the master power switch assembly.

**STEP 5a:** With the master power switch assembly installed, manually lower the door glass so that you can attach the door glass to the window regulator. **NOTE:** It may be necessary to operate the window regulator to align the glass attaching screws.

**STEP 6:** While the master power switch is still attached, operate the regulator assembly to verify that the glass operates smoothly.

**STEP 6a:** After verifying that the glass is operating properly, disconnect the master power switch assembly.

**STEP 7:** Verify that all of the window regulator attaching bolts are secure.

**STEP 8:** Install the water vapor barrier (if so equipped).



**STEP 9:** Align the interior door trim panel with the corresponding holes in the door.

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**STEP 9a:** Install the interior door trim panel.



**STEP 10:** Attach the door trim panel attaching screw.



**STEP 11:** Attach the screw that attaches the door pull cup assembly to the interior door trim panel.



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**STEP 12:** Attach the retaining screw to the side interior door trim panel.



**STEP 13:** Attach the retaining screw to the door handle bezel.



**STEP 14:** Install the retaining screw to the door trim panel cover assembly.



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**STEP 15:** Install the master power switch assembly.



**STEP 16:** Verify that the power window regulator is operating properly, and that the door trim panel assembly is properly attached.

**We appreciate your opinions regarding this product!  
Please call our Technical Assistant with any challenges or suggestions  
regarding the installation or operation of this product.**

**1-800-523-2492**

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