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 (741-644)
Cadillac Escalade, Chevrolet Suburban, Chevrolet Tahoe, GMC Yukon, Chevrolet Silverado, GMC Sierra 2000–05

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:

- **Phillips screwdriver**
- **Pry bar with flat end**
- **7mm socket**
- **10mm socket**
- **Socket wrench**
- **Wooden wedge or wide tape**
- **Cable cutter (if motor is immovable)**
- **Silicone spray lubricant**



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Removal Instructions

STEP 1: Gain access to the window regulator assembly by removing the interior trim panel.

STEP 1a: Gently pry around plastic mirror trim piece and remove.

STEP 1b: Gently pry around handle bezel and remove bezel.

STEP 1c: Gently pry around switch and remove switch.

STEP 1d: Disconnect electrical connections to switch.

STEP 1e: Gently pry around door lock bezel and unsnap it from door panel. Unclip from door lock rod and remove.

STEP 1f: Using a 7mm socket, remove the 3 highlighted screws.



STEP 1g: Lift trim panel up and remove from door.

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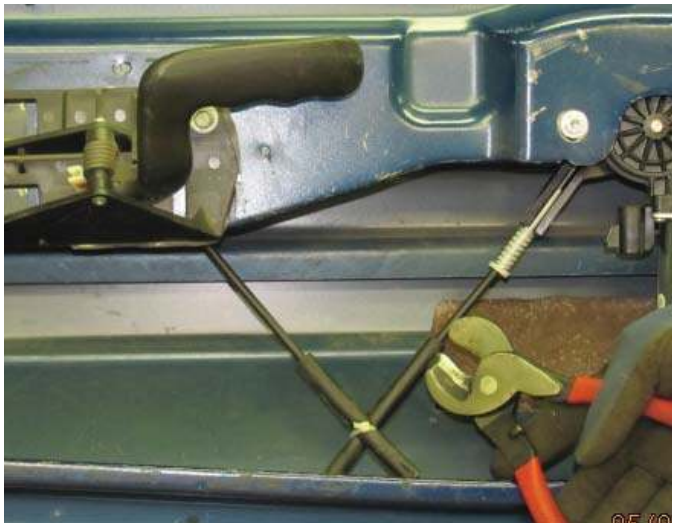
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STEP 2: With interior panel removed, peel back the plastic water barrier enough to be able to remove the regulator. Do not damage or discard plastic barrier, it will need to be reinstalled.

STEP 3: Reconnect the window switch electrical connector.

STEP 3a: If the window motor operates, move the window into a position where you can access the 10mm bolts that hold the window guide clamps and go to step 5. If the window motor does not operate, go to step 4.

STEP 4: Cut the window regulator cable with a cable cutter so that you can manually move the window where you can access the window guide bolts.



STEP 5: Loosen the 10mm window guide bolts enough so that the window can be separated easily from the clamps. Do not remove the bolts or loosen all the way. The window glass needs to be supported by the clamps until the glass is secured.





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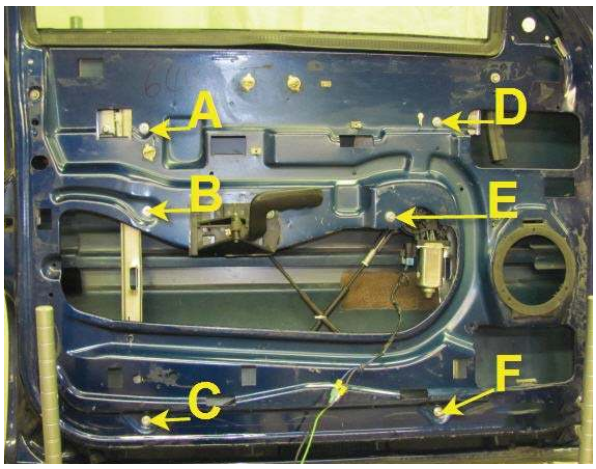
STEP 6: Operate the switch or manually push the window into the full up position. Secure the window in place using a wooden or rubber wedge between the door frame and the window or simply tape the window to the door frame. Be careful to use tape that does not damage the paint on the door frame.



STEP 7: Disconnect the electrical plug from the window lift motor.



STEP 8: Remove the six 10mm window regulator mounting bolts that secure the window regulator to the door frame.



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STEP 9: Remove the right side track.



STEP 10: Remove the left side track.



STEP 11: The door is now ready for installation of the replacement part.

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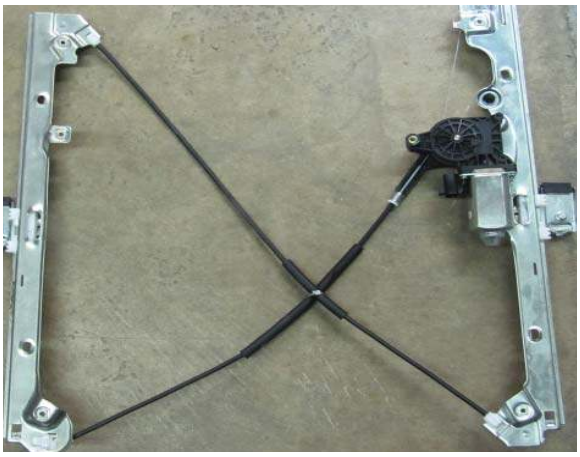
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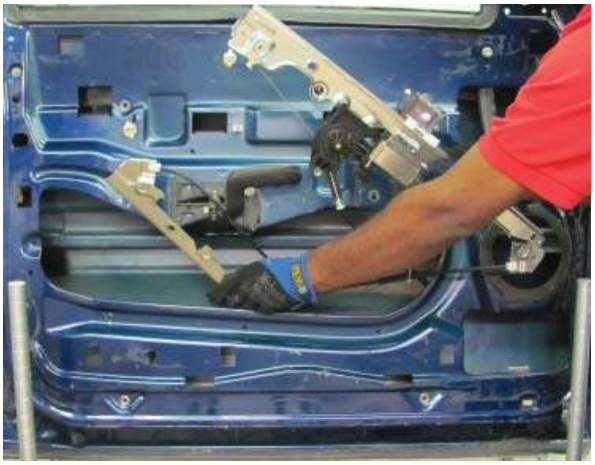
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Installation Instructions

STEP 1: Loosen window guide clamp bolts on replacement window regulator enough for clamps to easily slide over window glass.



STEP 2: Install the left side track into the door.



STEP 3: Install the right side track into the door.



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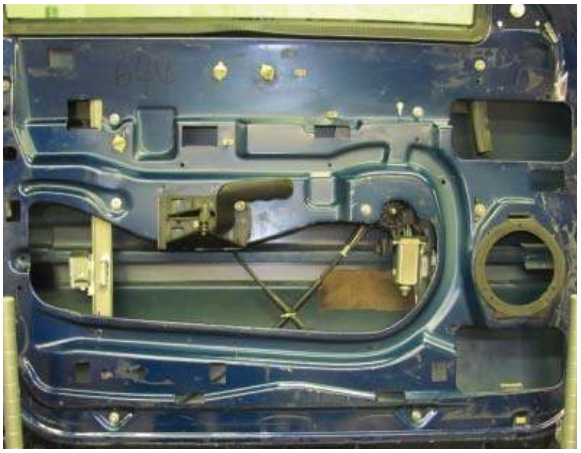
STEP 4: Move the window regulator into the proper position and line up the bolt holes. Install the 10mm bolts that were removed but do not completely tighten. The bolts should remain loose so that the regulator can be moved around for proper final alignment.



STEP 5: Reconnect the window lift motor electrical plug.



STEP 6: Remove tape or wedge from the window and door frame and lower window into the window guide clamps making sure that the window is correctly seated in the guides.



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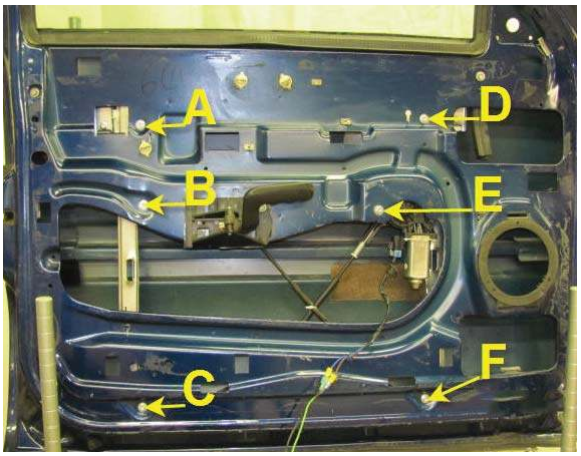
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STEP 7: Operate the window lift motor using the switch and send the window to the top position making sure that it is aligned properly in the window guide clamps and is parked properly at the top of its travel. Tighten the 10mm window clamp guide bolts evenly and torque to 9 N-m (80 lb in).



STEP 8: Tighten the six 10mm regulator mounting bolts in the following order: Bolt A, D, C, F, B, E. Tighten the bolts to 9 N-m (80 lb in).



STEP 9: Lubricate the window run channels.



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STEP 10: Operate the window up and down using the switch making sure that the glass moves smoothly and is seated properly in the run channel.

STEP 11: Disconnect the window switch.

STEP 12: Reinstall the plastic water barrier making sure the wires are poking through the correct holes.

STEP 13: Reinstall the interior trim panel.

STEP 13a: Starting at the top of the door frame, hang the panel on the top lip and move into place making sure that the electrical wires are pushing through the proper holes in the door panel. Make sure door handle is properly aligned with the hole in the door panel and that the door lock rod protrudes through correct hole in door panel.

STEP 13b: Reinstall the three 7mm bolts that hold the panel to the door frame.

STEP 13c: Reconnect window switch electrical plugs and snap switch into place on the door panel.

STEP 13d: Maneuver handle bezel around door handle and snap into place.

STEP 13e: Snap plastic mirror cover back into place.

STEP 14: Perform a final operational check of window regulator assembly by operating the window up and down to ensure proper performance.

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.

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