

# 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.



## General Tech Tips:

- Use painter's tape rather than duct tape to secure window. It is less likely to 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.

**Common Tools Used:** 10mm socket/wrench, 3/8" ratchet assembly, pick, wedge, painter's tape, interior trim removal tool, Phillips head screw driver

**Possible Tools:** 3/8" reversible drill, pop rivet gun, drill bit index kit, Torx bit set

## Removal Instructions

**STEP 1:** Using a Phillips head screw driver or Torx bit set, remove the interior door trim panel retaining screws/Torx bits.

**STEP 2:** Remove the interior door handle screws/Torx bits, and remove the interior door handle.

**STEP 3:** Remove the power switch assembly and disconnect the power switch harness.

**STEP 4:** Using an interior trim removal tool, remove the interior door trim panel.

**STEP 5:** Temporarily connect the power switch assembly to lower the door glass, exposing the screws attaching the door glass to the window regulator.

**STEP 6:** Remove the screws attaching the door glass to the window regulator. Once the screws have been removed, manually slide the door glass into the closed position, and hold in place with either painter's tape, a wedge, or a suction cup saddle assembly.

### Disclaimer:

Even though every attempt is made to ensure this information is complete and accurate, it is impossible to account for all possible circumstances or situations. Please consult with a qualified auto technician before attempting to perform any work you are not qualified to do. Automobiles can be hazardous to work on; be sure to take all necessary safety precautions. Failure to do so may result in property damage or personal injury. Certain motor vehicle standards and performance requirements may apply to your motor vehicle (such as Federal Motor Vehicle Safety Standards by the National Highway Traffic Safety Administration). Be sure that your work is performed in accordance with such standards and that you do not disable any motor vehicle safety feature.

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**STEP 7:** Disconnect the window lift motor and remove the window regulator retaining screws. Once the screws have been disconnected, remove the window regulator assembly through the main access hole.

## **Installation Instructions**

**STEP 1:** Place the window regulator assembly through the main access hole. Attach the window regulator with the attaching screws or rivets. Once the window regulator has been secured, connect the window lift motor connector.

**STEP 2:** Temporarily connect the power switch assembly to raise or lower the door glass lift plate assembly. Manually slide the door glass into position and secure with existing hardware or rivets.

**STEP 3:** Attach the interior door trim panel.

**STEP 4:** Connect the power switch harness and install the power switch assembly using the existing hardware.

**STEP 5:** Attach the interior door handle using its existing hardware.

**STEP 6:** Install the interior door trim panel attaching hardware.

**STEP 7:** Verify that you have secured all of the interior door trim panel attaching hardware and that the window regulator is operating properly.

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