

2 Door XJ Window Regulator Fix

This is to replace the '97-'01 2 door Cherokee window regulators that are no longer available with one that is readily available.

Tools Needed

- 10mm Socket and Ratchet
- Power Drill with 3/32" and 3/8" drill bits for metal
- Wire cutters
- 14 Gauge Heat Shrink Butt Connectors or Soldering Tools
- Phillips Screw Driver

Parts Needed

- Large Washer approx. 1.5"
- Regulator Mounting Bolts from stock regulator (6x, 10 mm)
- 97-01 Cherokee Window Motor Side Harness (cut from junkyard, cut as close to the window motor as possible to get enough of the wiring)
- 04-10 Chevy Cobalt Window Motor Harness - Door Side that fits into window motor (Cut from junkyard, get as much of the wiring as possible)
- [2004-2010 Chevy Cobalt Passenger Window Regulator with Motor](#)

0. Preparation: Removing the Broken Window Motor

[Removal Video](#)

Follow the video until about 6:30. For the two door, there will be two tracks that need to be unbolted as opposed to the 4 door that only has one track. You can also use lots of duct tape to secure the window to the door frame instead of removing it completely if you prefer.

You will also need to remove the plastic "nuts" that attach the window to the regulator. The outside and inside halves twist apart to separate.



1. Create Wire Harness Adapter

Splice together the two harnesses from the junkyard so we won't need to touch our stock wiring or the wiring to the regulator. Use the butt connectors or solder the wires together and cover with heat shrink.

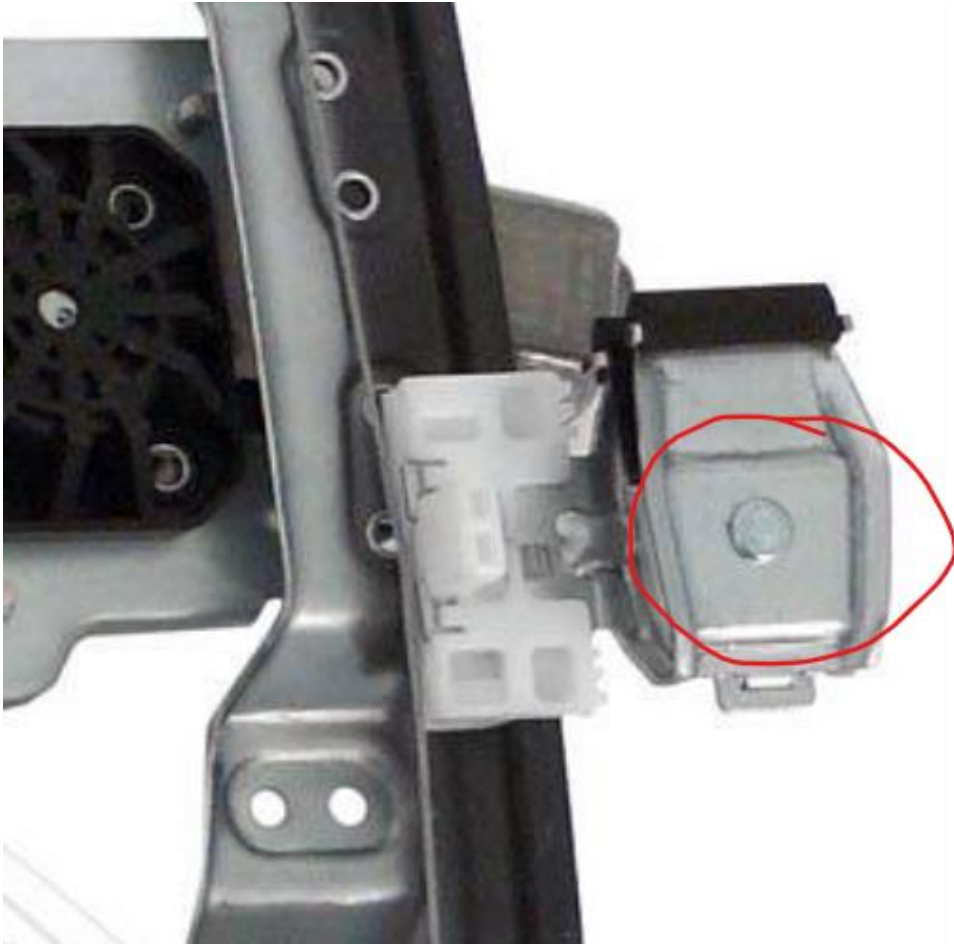
BLUE > YELLOW
BROWN > GREEN



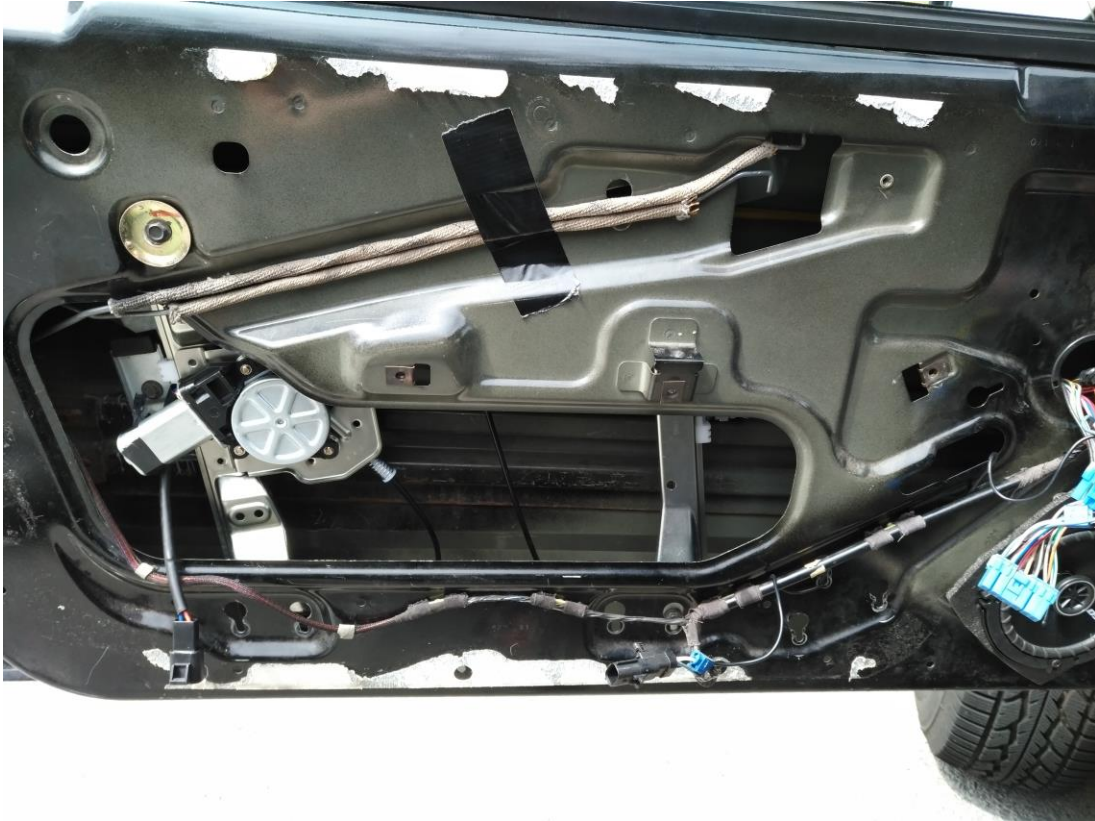
(NOTE: I used quick disconnect fittings in case the window didn't operate in the correct direction the first time. Do yours the correct way with butt connectors or soldering.)

2. Prep and Fit New Regulator

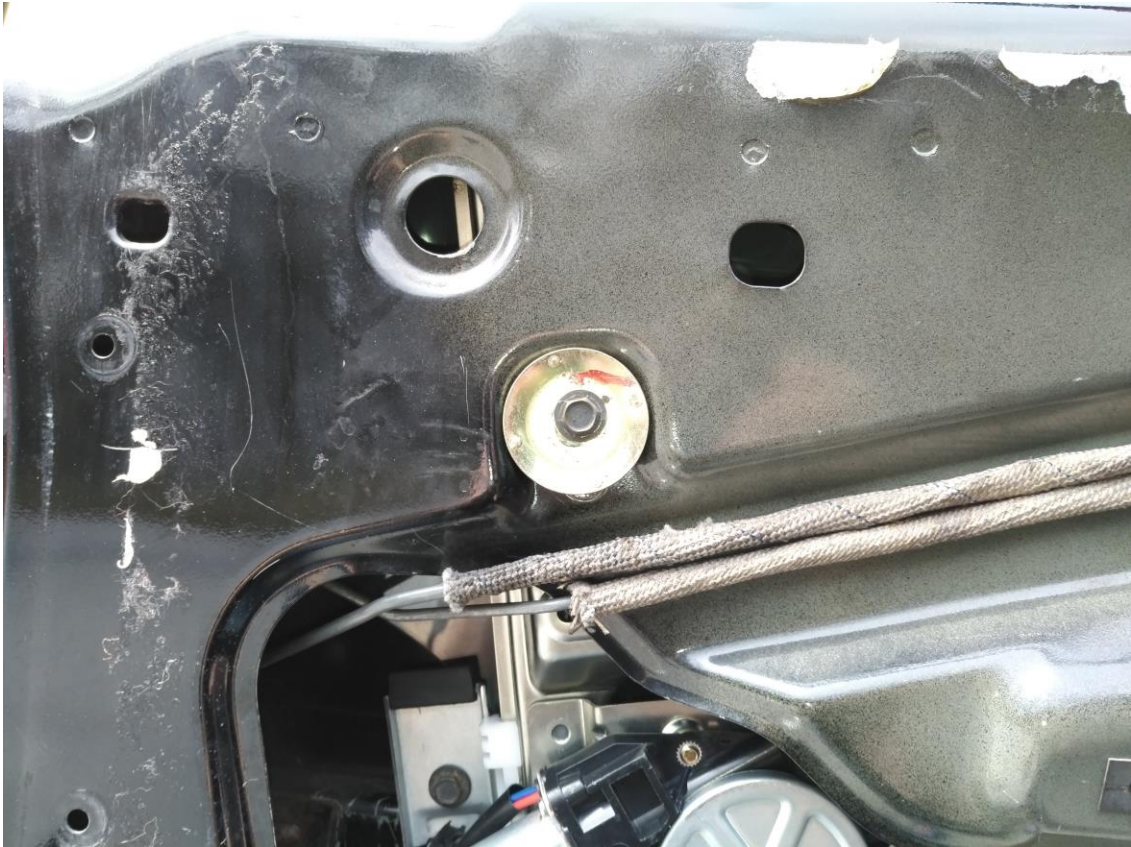
There's a VERY small amount of clearance between the window lifts and the supports in the door frame. Replace the two bolts on the regulator lifts with two of the bolts that held our old regulator to the door. They are shorter and won't snag on the supports in the door.



Fit the Cobalt regulator into the door frame with motor toward the trailing edge of the door. Two of the mounting holes in our door will work for two of the mounting points on the regulator. Using two of the bolts that previously held the old regulator in, attach the upper left and lower right of our new regulator. Using the adapter we made, attach the stock door harness of your jeep to the harness of the window regulator.



UPPER LEFT INSTALL - Use a large washer to make sure the left side of the regulator sits as high as possible in the stock mounting hole. This way the bottom of our regulator won't rub on the bottom of our door. Tighten slightly snug.



LOWER RIGHT INSTALL - Use another of our old 10mm bolts and washer to attach the lower right part of the regulator. It'll sit about in the middle of our right mounting hole. Use a washer to secure it in place. Tighten slightly snug.



Reattach your window switch and check that your motor moves, Lower the window motor about half way so the bolts for the lifts are accessible through the door hole.

3. Window Attachment and Tracking

Adjust the top portion of your regulator so that it tilts toward the trailing edge of the door. This will help keep our window in our track. CAREFULLY replace the window back in the door or untape and lower it onto the window lifts. The right side will fit nicely, tighten slightly snug. The left side will only hold about 1/4" of the window. Tighten slightly snug. It's not ideal, but it holds. If anyone can think of something better or I find this doesn't hold well enough, I can update as needed.

We will need to mark where to drill the last two mounting holes, but we want to check that our window tracks correctly and our regulator is in the correct spot. CAREFULLY and SLOWLY, operate the window up and down. The regulator may move one way or the other if we haven't held the window in the correct spot with the window lifts. Adjust where the window is held slightly by the lifts so that the regulator does not move left or right as the window is operated. I started with the motor side of the regulator to make sure it sat correctly in our window track. as it moved.

Once the window can be operated without the regulator moving out of place and our window tracks correctly, tighten the two mounting points we attached and tighten the bolts for the window lifts.

4. Marking and Drilling New Mounting Holes

Mark about where the LOWER LEFT mounting hole will go. Mine sat just below where the sheet metal bends almost exactly centered between the two stock lower mounting holes. Use the 3/32" bit to drill a pilot hole, then finish with the 3/8" bit.



Once the hole is drilled, check the operation of the window making sure our regulator does not move side to side. If the hole isn't in the right spot, just find the correct spot and re-drill.

PAINT THE EXPOSED METAL! Any paint is better than bare metal.

Attach the lower left side of the regulator to the new mounting hole with one of the 10mm mounting bolts from the old regulator.

Repeat the process for the UPPER RIGHT portion of our regulator. Check there's no regulator movement side to side when operating the window, mark where the new hole will go, drill 3/32" pilot hole, finish with 3/8" bit, check operation, **PAINT THE EXPOSED METAL**, attach with

old regulator mounting bolt. As you can see I drilled in the wrong spot for this one the first time around.



There's no guarantee that where my new mounting holes went will be the exact spot yours would go. Use the movement of the regulator as it's operated to find the correct placement.

5. Final Operation Check

Tighten the 4 mounting bolts and the 2 window lift bolts to make sure everything is snug. There is VERY LITTLE clearance between the window lifts and the door supports. If things are not tightened down completely, there may be interference between the two. Check the final operation that the window closes and opens completely.

[Window Operation Video](#)

6. Reinstall Door Panel and Master Switch

Follow the reverse procedure of taking the door panel off to reinstall. Congratulations, you can now toss your old regulator in the recycling or mail it to Dorman and never think about it again.

The window regulator I used is the PASSENGER side from a Cobalt (Pontiac G5 will also work). It must be the regulator for the two door model Cobalt/G5 as the 4 door is a different design and will not work. .The driver's side cobalt regulator is unverified to fix the driver's side, however if you are fixing YOUR PASSENGER window, you would need the driver side regulator from the Cobalt/G5.