

Rear left Window Regulator Replacement 2000 X5

Tool required

- Torques bits
- Sharp razor blade
- 3 or 4 flat blade screwdrivers
- 1/4 ratchet and 10mm 8mm sockets
- Grease
- Patience
- Painters tape

Skill level required

5 out of 10

(according to me)

*These steps worked for me, but may not work for every X5 out there.
Use these steps at your own risk.

***Assy** means Assembly

Disassembly

Step one



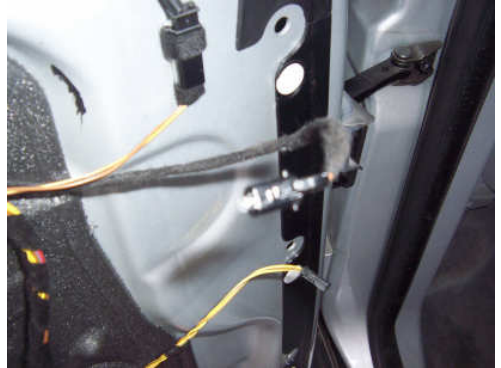
-Using the 3 or 4 flat headed screwdrivers carefully pry the wood trim outward inserting one screwdriver at a time and follow along the trim.

Step Two

-Once trim is removed, loosen and remove torques head screw (1 of 3) One by door handle on the inside (2 of 3) One at bottom of storage compartment (3 of 3)

Step Three

-Pry the bottom of the door panel outward away from metal frame carefully work your way around the frame. Remove the door handle clip buy pushing the white tab inward. The top of the panel will pull out towards you (***Note do not pull panel away from door yet!**) Unclip the tiny LED light for the door handle, as well as the window switch, speaker, and lower light on bottom of the door.



Step four

-Now pull panel away from door carefully!



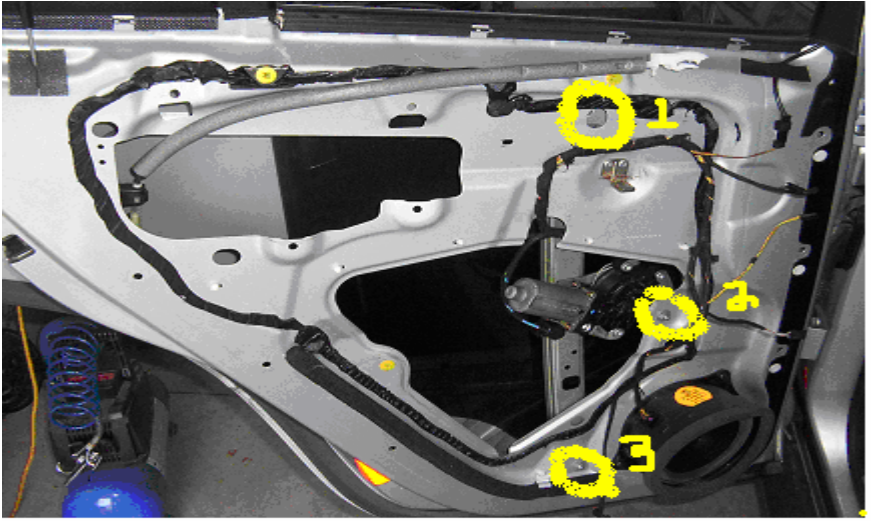
Step Five

-Peel the black cover off using a sharp utility knife.



Step Six

Unplug the regulator, and remove the (3) 10mm nuts holding the regulator to the door.



Step Seven

-Remove the 8mm window-retaining bolt (NOTE the window has to be down for this to be completed).



Step Eight

-Place the window at the top of the frame, and secure it there with some tape. I used Duct Tape (stronger)

Step Nine

-Remove the regulator from the rail by removing (3) torques screws. You must have all nuts (10mm) out, and then tilt the top at 11 o'clock, then remove rail carefully from the door.

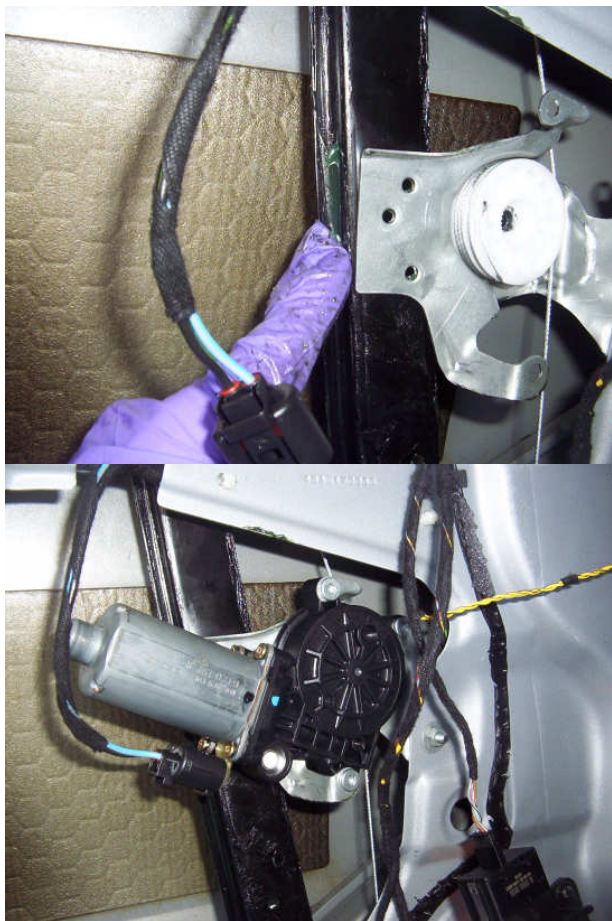
Step Ten

-Install new Rail Assy at the same 11 o'clock angle then Install nuts (3) 10mm and tighten firmly.



Step eleven

-Grease the tracks inside and out. Then install regulator onto rail Assy hookup plug to regulator.



Step Twelve

-Bring window down to the bottom and insert the 8mm bolt to secure window to rail.



Step Thirteen

-Turn key on and test window operation. If successful make sure all bolts and nuts are tight and then proceed.

Step Fourteen

-Install black noise barrier. Being careful to route wires outside the barrier.



Step Fifteen

-Bring door panel to the frame and install the following, door handle release, tiny LED light, window switch, speaker wire. Don't forget about the bottom door light.



Step Sixteen

- Push door panel in until clips are seated, once everything is flush around the frame Tighten with (3) black Torques screws as mentioned in Step Two

Step Seventeen

- Install wood trim being careful to seat it into the door handle, then push slightly until the dowels seat in the door panel.

Step Eighteen

-Make sure everything works!

And your done!