

This is a 2000 V70XC Driver door, master window switch maintenance process. I recommend patience and advise proceeding at your own risk.

The plastic tool is from IPD. You could do it with screwdrivers but I don't know how you would keep from scratching the heck out of things.



Work the tool on both ends on the long side of the switch gradually moving the component upwards. It will probably snap back into place a time or two before you get the hang of it.



Once you get it up so you can see the underside (the grey part), gently pry with the tool until it comes free.





Please disregard the needle-nose pliers pictured on the floor; they played absolutely no part in the exercise.



Gently remove the wiring harness plugs; the clips holding them in place can be disengaged with a minimum of effort. Try not to pull on the wires but grasp the plug itself. The white one was the hardest due to the retaining clip being right next to the circuit board box.



Look for dirt accumulation. Clean the ridges around the opening, vacuum if necessary.





Recommend tools. Note the compartment on right where the smallest plug goes. Unless there is a lot of dirt, it is probably not necessary to take this apart as there is only a circuit board in there. See the next picture.



It is not necessary to take this apart.



If you do take it apart, put it back together before moving on.

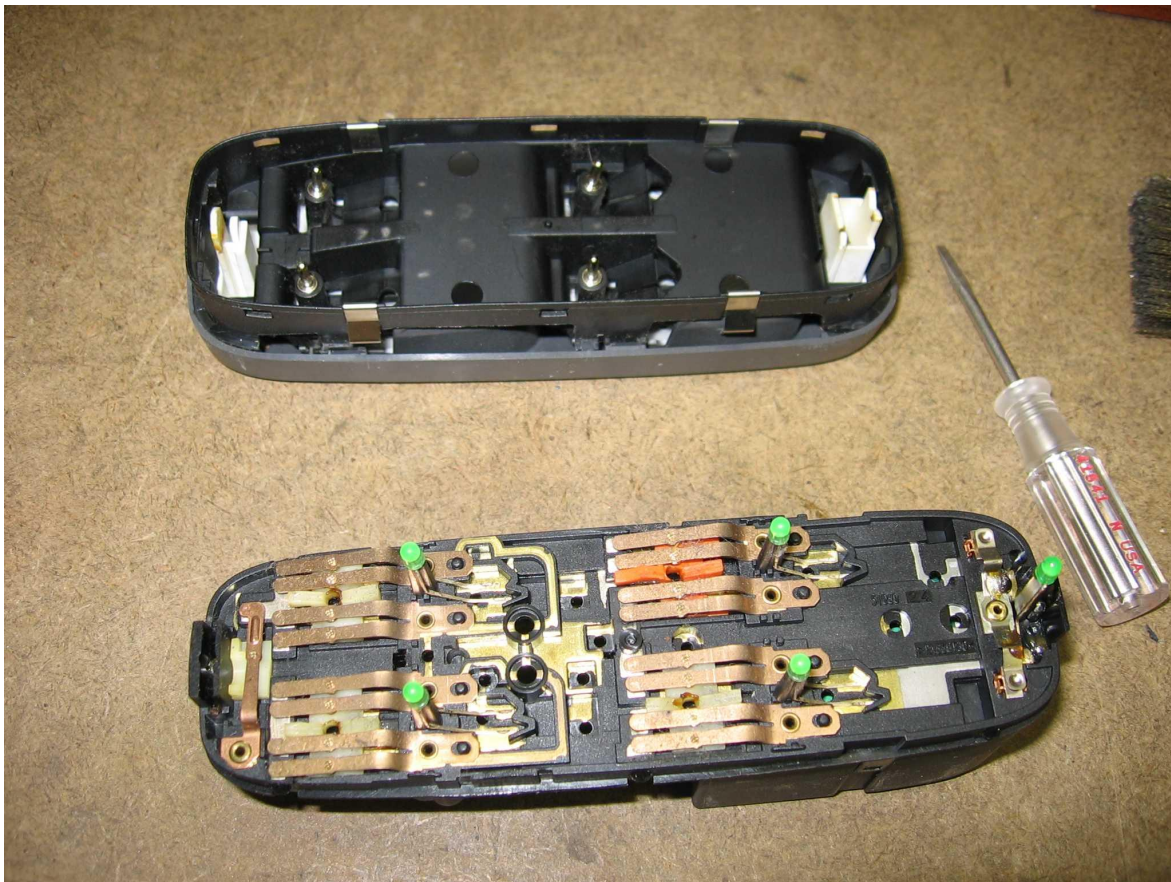


Using your smallest screwdriver, start at one end and gently release each of the 8 retaining clips sequentially while holding it apart with your hand. This picture shows me on the second clip, there is a clip on the end where you should start.



Gently pull it apart. I used the soft wire brush, toothbrush and canned air. Note the 4 plastic switch actuators centered in the neutral position in the middle of the 4 sets of copper fingers. I gently moved them back and forth to provide the soft toothbrush access to all the points in the open position. This also confirms that the contact points of the inoperative switch are not fused together. It really wasn't very dirty but the right rear window started going up and down again once I got it back together.

Once everything is as clean as you want it, leave the cover upside down like it is pictured and press the switch mechanism into it. This method will make lining up all the lights and switch posts much easier.





Once you get it back together check all retaining clips and put the plugs back in. Then test it.

Please ignore the picture of my hand and the tool. Push the switch component back in all at once. Do not try to put one end in first. Test again.



As far as I'm concerned, it's a very well made switch that could be cleaned many times until cleaning just doesn't do the trick anymore.