

SLEEVE LOCK REGULATOR REPLACEMENT

— John Hoffman

Part:

Sleeve Lock Regulator Subaru Part **62101PA081**.

Tools:

One medium Phillips screwdriver, one small flat-bladed screwdriver.

Procedure:

Remove the two (2) screws under the felt at the armrest.

Remove plastic panel under door handle (use the small flat screwdriver)

Remove the screw under the plastic panel you just took off.

Remove the two (2) screws at front edge of door.

Grasp door panel at bottom and pull away.

Lift door panel off the door; be careful not to "yank" away as the courtesy light and power window plugs still need to be disconnected.

Pull back clear plastic enough to see into the big hole in the door (you may have to remove the armrest support - two more screws).

If the window and the wire (wire looks like a bicycle cable) is not somewhere around halfway up/down, you need to press the window switch to get the wire in right place. You can tell this when the little rectangular metal part on the wire, that looks like it's joining the wire, is positioned so it's in the middle of the opening.

Get the sleeve lock clip ready and move the window up or down as appropriate until a "T" shaped hole in the lower part of the frame is positioned at the same height as the metal rectangle on the wire I mentioned before.

Position the new clip (actually called a sleeve-lock regulator) over the metal rectangle riding on the wire. Position the clip so the opening of the clip is facing into door - the metal part fits into the clip, really only one way. Push the clip in far enough so the slits in it can move into the legs of the T-shaped hole in the lower window frame. Slide clip down leg of the T until the thin tab on the clip snaps into place on the big side of the T.

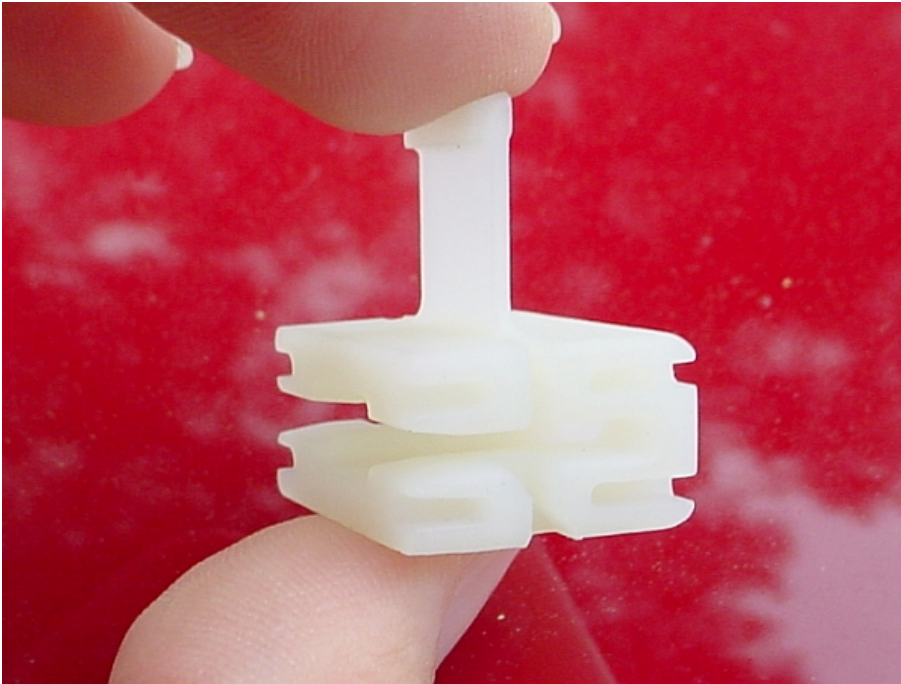
Put it all back together in reverse order.

The following is the sleeve lock regulator replacement procedure with photos.

Text and photos by Marisa Ramon, "cozykat" on the SVX World Network.

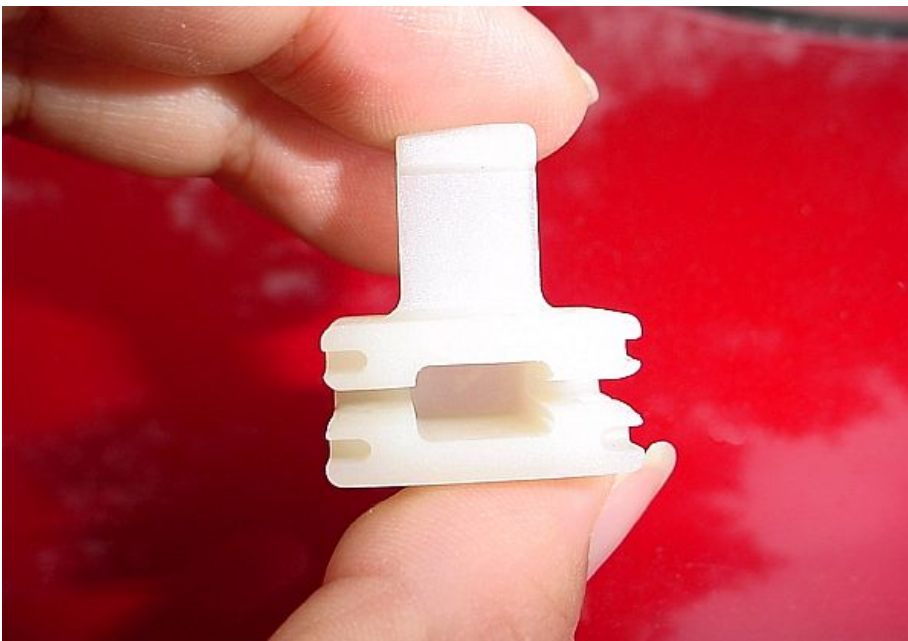
Close up of the sleeve lock regulator

This is a close up of the simple little piece of plastic that's holding your window up. Known as the Sleeve Lock Regulator. Subaru Part 62101PA081.



Close up of the regulator, front view

In the center, you see the gap where the little rectangular knob on the motor's pulley fits into the sleeve lock regulator.



Door panel removal

First remove the door panel. This is done by removing 5 screws.



2 screws are located inside the armrest under the felt. The third tiny screw does not need to be removed.

1 screw is hidden behind a small plastic panel under the door handle (this panel can be removed using a small flat-bladed screwdriver)

2 screws are at the front edge of the door panel, near the door hinge.

Slide your fingers under the bottom of the panel to pop out the clips. Carefully lift the panel up and over the door lock button.

Don't pull it out too far just yet. You will notice that there are two electrical connections; one is for the door courtesy light, and one connects to the power window switch. Unclip them by pushing on their release tabs and pulling and separating them. Then lift the panel up and over the power door lock button and set aside.

Interior view of door

Here you see the plastic protector sheet removed along with the metal armrest piece (my plastic protector was screwed in with the armrest so I needed to remove it to get it out of my way) You may not have to.



Close up of the problem

Notice that there is an **empty** T-shaped opening (white arrow) in the black metal bracket of the window assembly, behind the door. This is where the sleeve lock regulator should be. It connects the window to the pulley system, which the motor uses to move your window up and down.



Sleeve lock regulator's home

Close up of the T-shaped opening the sleeve lock regulator fits into and next to it is the window cable and the small rectangular metal piece (white arrow) that the sleeve lock regulator clips onto.



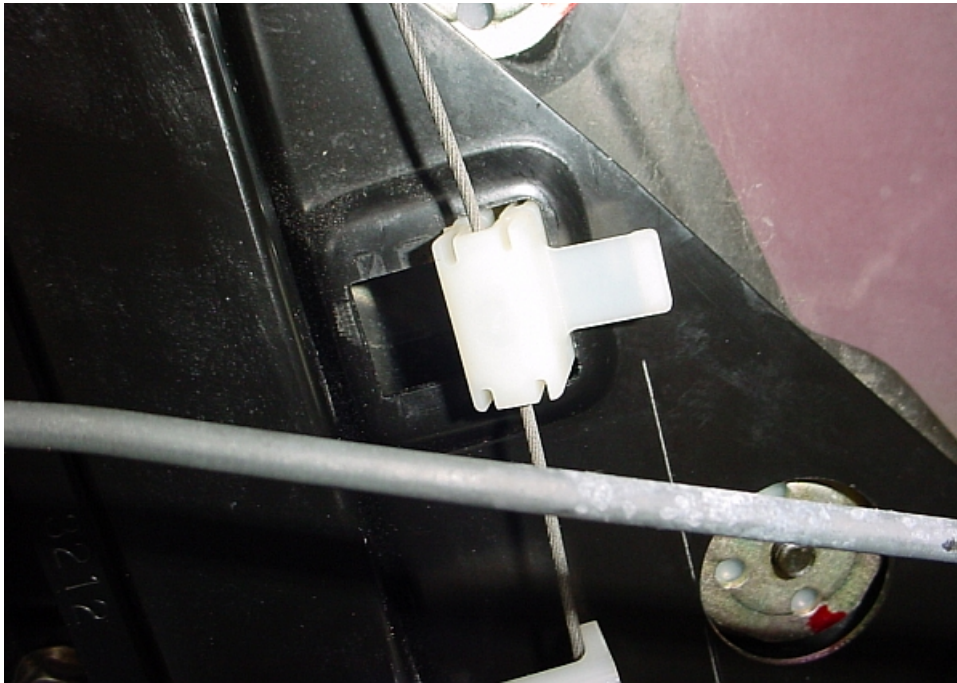
Connection to the pulley's main cable

This is sleeve lock regulator hugging the motor's pulley line. Keeping them together is a small rectangular metal piece that is part of the pulley line.



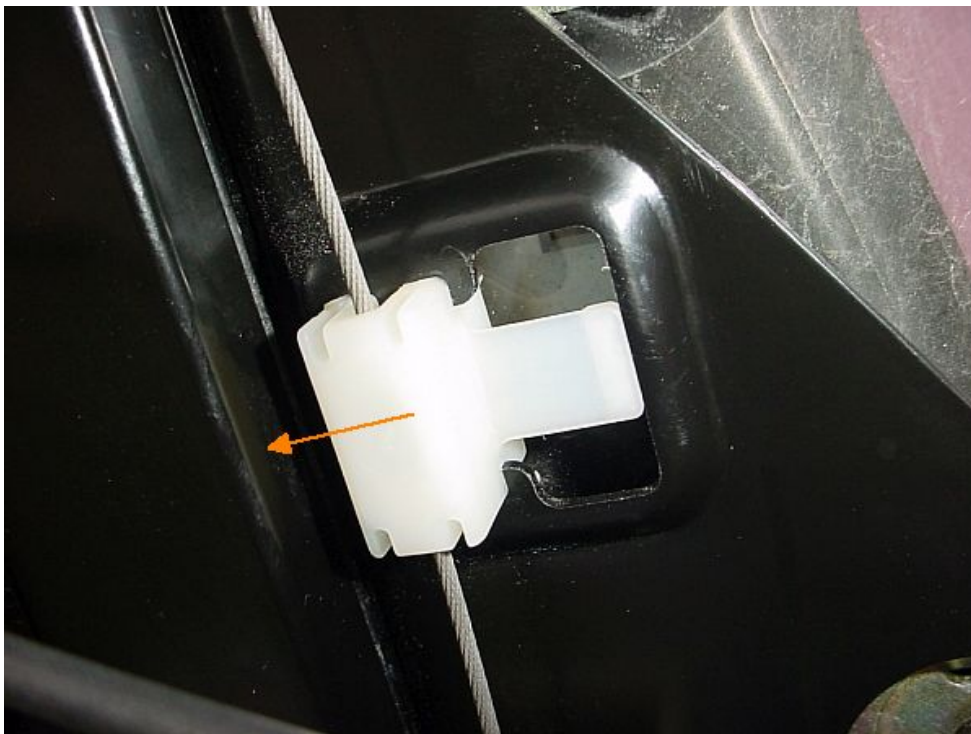
Close up of the fix

Insert the sleeve lock regulator into the T-shaped hole in the window bracket.



Window fixed

Slide the sleeve lock rearward into the T until its little arm clips into place. Now reconnect your window switch and turn your car's ignition the ON position. Verify the window can now move up and down smoothly..



Remove your key from the ignition and put everything back together.

Replace the plastic protector sheet, screw the metal armrest bracket back onto the door, reconnect the electrical connections to the door panel, and carefully put your door panel back on. Press in all the clips along the edge of the panel, put all the screws back into place. Enjoy.