

How to change a door lock actuator on a 2006 Hyundai Sonata.

Pic1



You will also see how to change window glass and electric window motor in this series.
First, unscrew the 7 screws holding on the door panel.

Pic2



Next you carefully pry off the tweeter cover that is where the mirror is. Lift the panel up and off of the door.



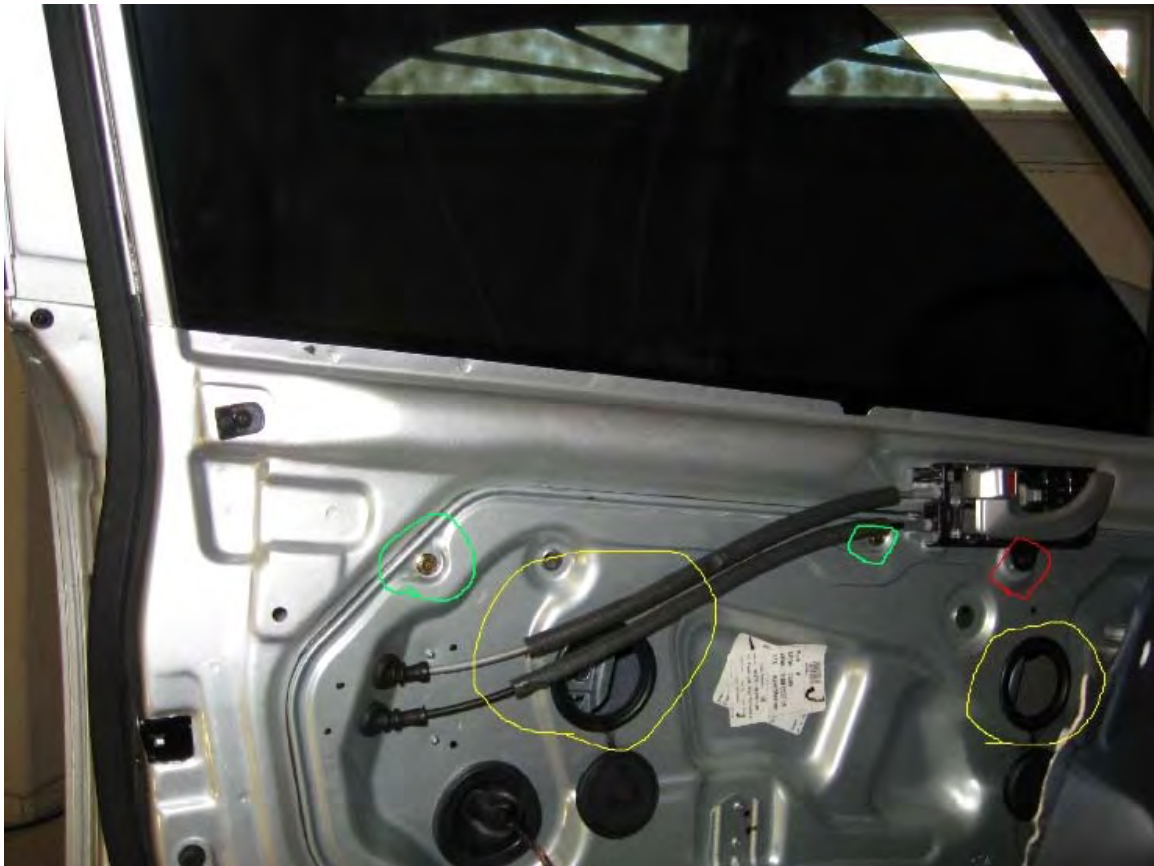
Undo all of the wiring connections except for the window controller.

Pic4



Open the 2 black rubber view ports (Circled in Yellow) and roll the window up or down until you see the 10mm bolts that hold the window in place.

Pic5



Loosen, but don't remove these bolts. Slide the window up, and tape it up, or remove the window and set aside.

Pic6



Next, unplug the door lock plug and move the door panel out of the way.

Unscrew the gold 10mm bolts that hold on the metal inner door panel (circled in green in pic5). Also remove the Phillips screw that holds the inner door handle on (circled in red on pic 5)

Unscrew the small bolt that holds on the lock cylinder that is behind the quarter-sized black cap on the side of the door. Be careful with that little bolt or it will fall into never never land .

Pic7



Pull the lock cylinder out and set aside.



Now grasp the door handle, and with your free hand smack your hand holding the handle towards the back of the car. This will release the door handle.



Under the door handle is a Phillips screw. Loosen this screw a few turns but don't remove.

Pic10



Now undo the 3 black star shaped screws on the door lock. (see pic7)

You can now wiggle the inside of the door handle until it comes free. See the tabs that hold it onto the door on pic 10 pointer finger. When you go to put it back on be sure the tabs get back in the right place.

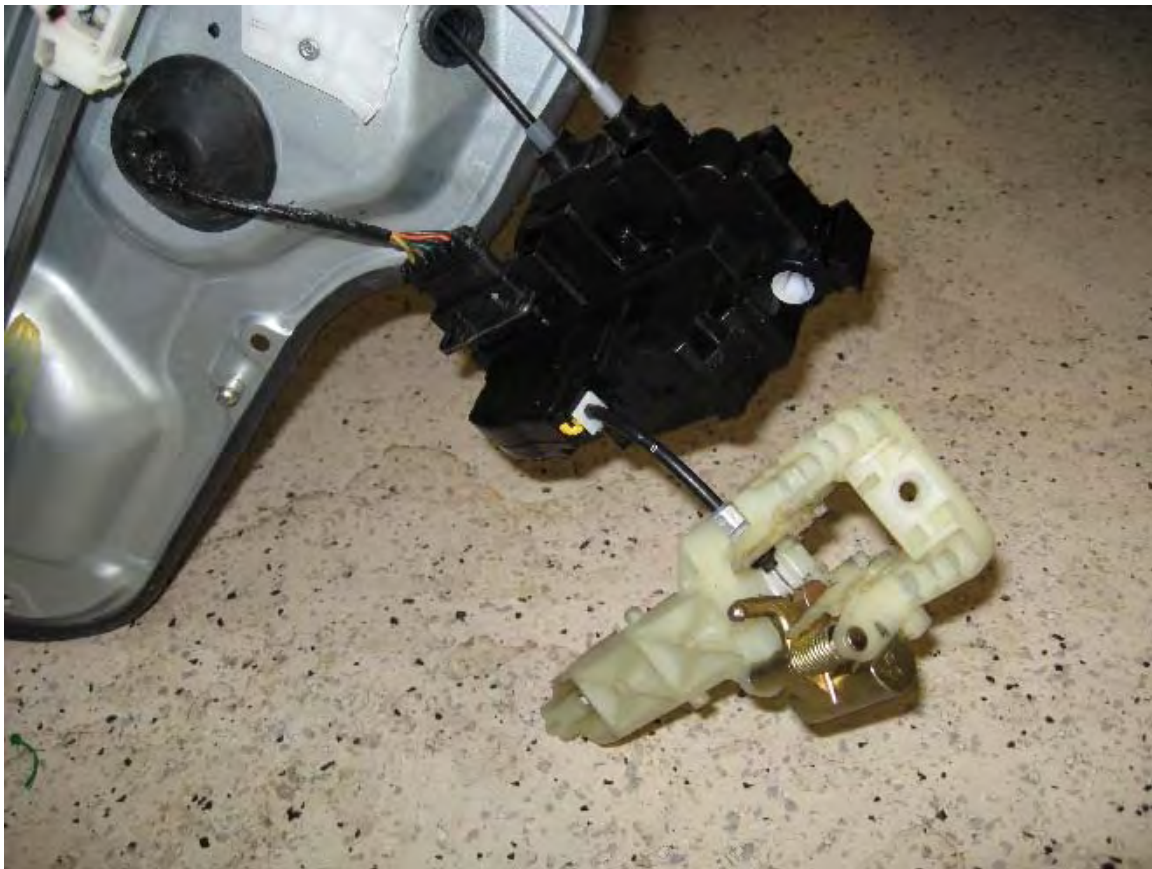
Pull the whole inner door panel and lock mechanism free by wiggling it out of where it sits.

Pic11



Now you can undo the 3 cables; 1 from the outer door handle yellow mechanism, 1 from the inner door handle mechanism, and 1 from the inner door lock lever.

Pic12



Put on the new lock and put it all back together.

Be sure to test it as you go. I had to turn the lock cable to the inner door lock lever 180 degrees because it was not unlocking properly when I put it back together the first time.



A couple of other notes, there are 2 pieces of plastic that are for the robots to use when putting the door together for the first time. 1 is a 3 pronged white plastic thing riveted to the inside of the metal door panel. The other is a white plastic thing covering the lock mechanism. You can cut off the fingers and throw the plastic cover away they are both useless and in the way. This is per the Hyundai tech at my local dealership.

When you put it all back together, just go in the opposite order of disassembly. It is a little tricky to get the yellow plastic outer door handle holder into place. Be sure that the little tabs (pic10) grab the metal of the door or things will not fit together properly. Be sure to test the power window after you put the window back in place. Do not overtighten the bolts on the window, it is glass.....