

AUTO CITY CLASSIC, INC
800 828 2212

POWER WINDOW INSTALLATION INSTRUCTIONS

1955-1957 CHEVROLET

SUGGESTED ORDER OF INSTALLATION

1. INSTALL CONDUITS
2. INSTALL WIRING HARNESS
3. INSTALL DOOR REGULATORS
4. INSTALL QUARTER REGULATORS
5. RE-INSTALL TRIM PADS

55-57 CHEVROLET POWER WINDOW INSTRUCTIONS

INSTALLATION OF DOOR WIRE CONDUITS

FIREWALL OPENING FOR CONDUIT:

In picture #1 you will notice there are 2 dimples or indents on the firewall (cowl). Drill a 1 3/8" hole in each of these dimples. You will now have 2 holes. As in picture #2 drill out the area between these 2 holes to make one. Finally ending with it looking like picture #3, 1 oval shaped hole. Brush paint the edges to finish.

Conduit will pass through this opening freely without any obstruction. Conduit does not attach to the firewall.

#1

Dimples



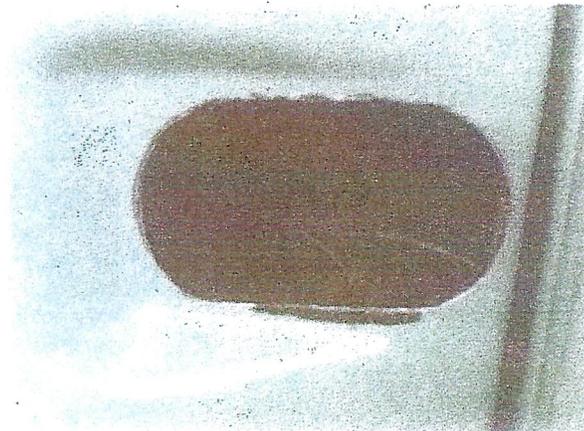
#2

2 Holes Drilled



#3

2 Holes made into 1 hole



ATTACHING CONDUIT TO THE DOOR:

Conduit should be painted the body color of your car before installation.

Before drilling the hole in the door where the wires will pass through to the conduit, install the conduit to the door and mark where the hole should be. There may be dimples in the door that you can see to align the conduit. See picture #4, conduit will attach at top and bottom holes. Holes should be drilled approximately 1" in from interior side of door.

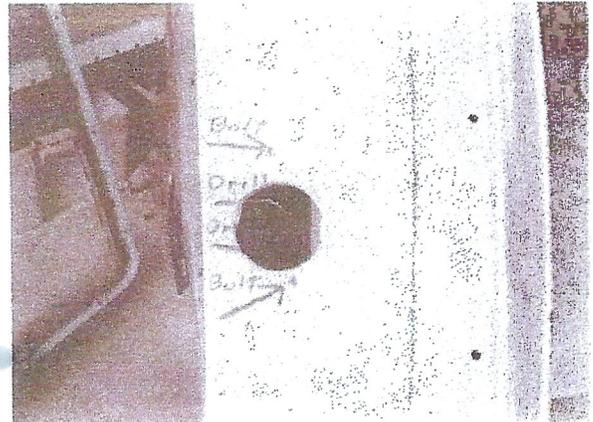
The hole for the wires should be directly across from the wire hole in the firewall and approximately 10" down from the bottom of the top door hinge. This should be the center of your hole. Once you have marked where the wiring hole should be, remove the conduit and drill a 1 3/8" hole for the wires to pass through the door to the conduit. See picture #5.

Now attach the conduit to the door using the self tapping metal screws provided as in picture #6. Make sure the conduits are attached so that it has no obstruction when opening and closing the door as in picture #7.

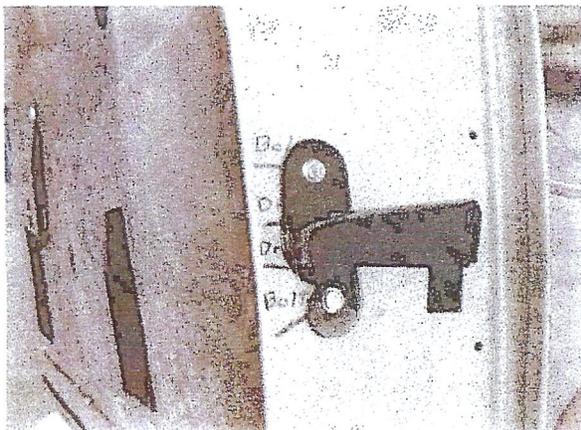
#4 Dimples on door to attach conduit.



#5 A 1 3/8" hole drilled for wires.



#6 Conduit attached to door at top & bottom holes centering on the hole for wires.



#7 Conduit must pass freely through firewall opening.



POWER WINDOW HARNESS INSTALLATION

Starting at the driver's door: After the conduit holes are done you may put the 4 gang driver's door wires through the holes.

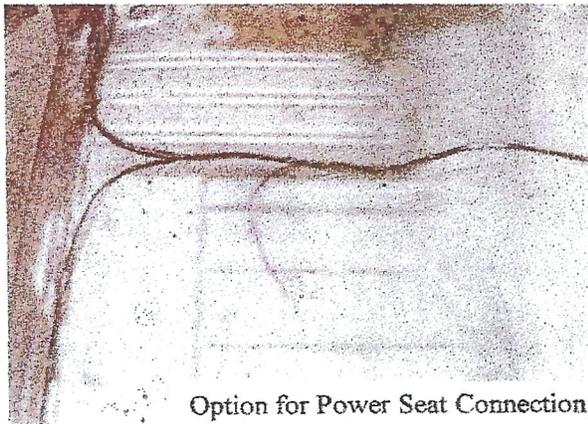
The red wire with the eyelet is for the circuit breaker, which gets installed behind the left (drivers side) kick panel. See picture # 3

The harness then goes under the sill plates and splits going one way back to the driver's side quarter (see picture #1) and splits the other way to go across the just in front of the front seat to the passenger door conduit and splits again there to go the passenger back quarter (see picture #2). Included in this harness you will see a red wire that lays just under the front driver's seat (see picture #1). This wire is an option to connect a power seat should you decide to add that option. (Auto City Classic does have the power seat available.) If you do not add the power seat the wire will just sit there and it is not necessary to do anything with the wire.

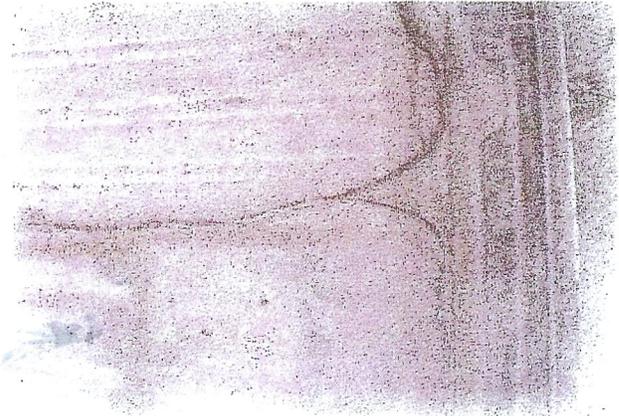
The wires for the quarter motor must have a hole drilled for them. This hole should be toward the bottom of the door below the regulator. Make sure the window going up & down will not interfere with these wires. Drill a 1" hole and use the grommet provided for the wire to go through. See picture #4

The power lead supplied goes from the positive terminal on the starter (or any battery positive source) to the battery terminal on the circuit breaker.

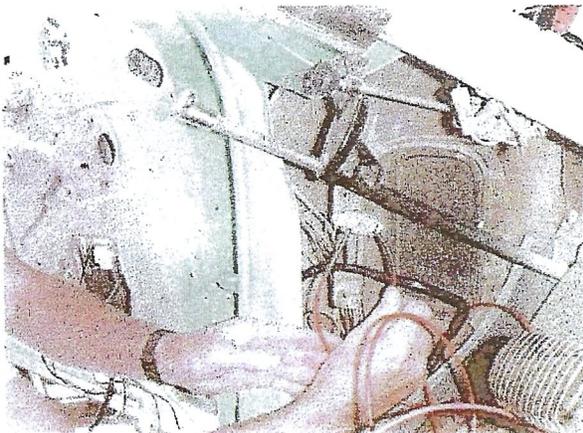
#1 Left (Driver) Side Wiring to Door & Qtr.



#2 Right (Pass.) Side Wiring to Door & Qtr.



#3 Circuit Breaker



#4 Hole for Qtr Motor Wires



INSTALLATION OF POWER WINDOW REGULATORS ON QUARTERS

Remove the trim pad.

Remove the quarter glass.

Remove the manual regulators.

Bolt template to the 2 lower holes where the manual regulators were as in the picture below.

The template has 4 holes marked for the power window regulator. Drill a 1/4" hole in each of these marked template holes. The holes can be slotted so the regulator can be adjusted if needed.

You must plug the wire harness into the motor before the final installation because it is very close to the window.

Bolt the power quarter regulators to the holes you just drilled. There is a left and right to the power quarter regulators. Make sure you attach the left regulator to the left quarter (driver's side) and the right side regulator to the right quarter (pass side). The regulators are marked "left" and "right".

Turn the template you just used over and repeat the above instructions for the other side.



RE-INSTALL DOOR & QUARTER TRIM PADS

If you are ordering new door and quarter panels, make sure you tell your supplier that you are having power windows installed. They will send you pads that have the correct openings for the power window switches. This will eliminate any adjustments.

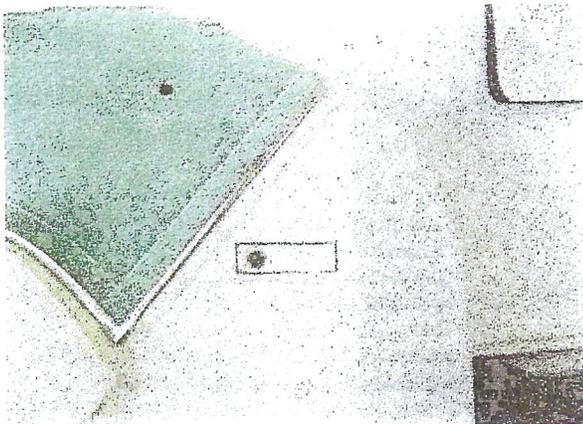
If like most of us you already have your trim with the manual regulator holes, you will need to make some alterations. It is very easy.

On left side door (driver's side), you will need to enlarge the manual opening in your trim pad by cutting an opening $3\frac{3}{4}$ " wide and $1\frac{3}{8}$ " tall as in picture #1.

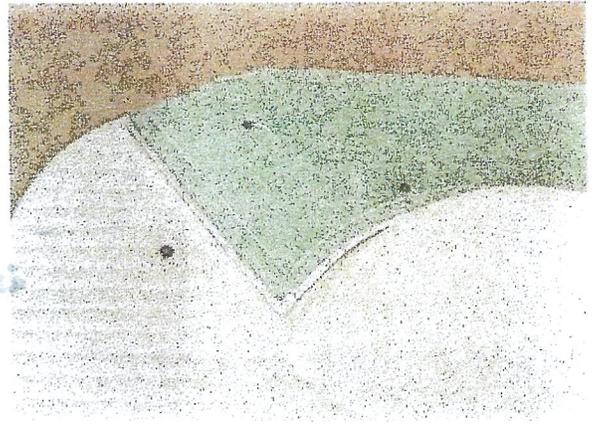
On the right door (pass side) you will need to cut the manual opening in your trim pad to $1\frac{3}{8}$ " wide and $1\frac{1}{2}$ " tall as in picture #2.

For the left and right quarter trim pad you will need to cut the manual openings to $1\frac{3}{8}$ " wide and $1\frac{1}{2}$ " tall for each side as in picture #3.

#1 Left side for 4 button switch.



#2 Right side for single button switch.



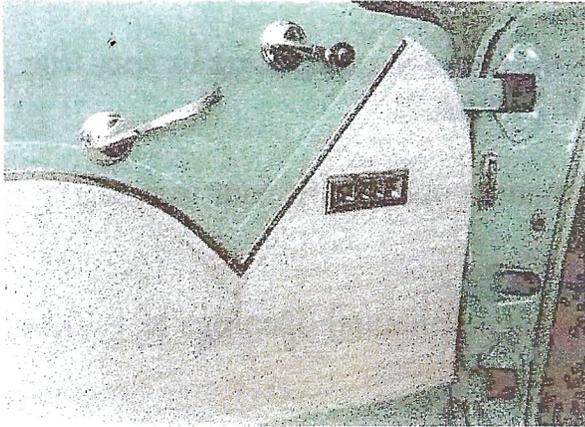
#3 Left rear quarter for single switch.



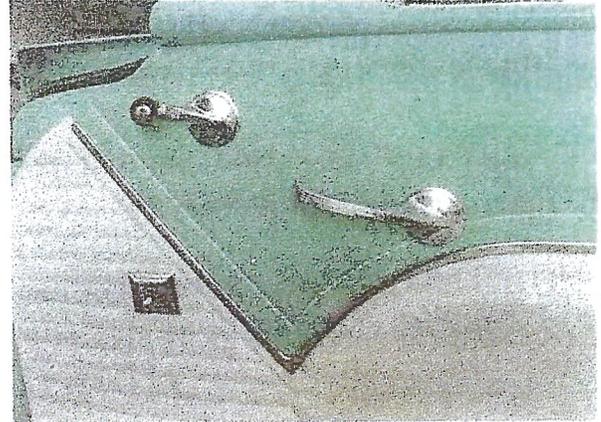
You are now ready to install the switches to look like pictures #4, 5, & 6.

It also may be necessary on the both front doors to cut the door out behind the switches so that the pad does not bulge out too much. See pictures #7 & #8. This is not always necessary for the front doors and is not necessary for the other two single switches on the quarters. You may want to check the fit on the front doors before you make this adjustment.

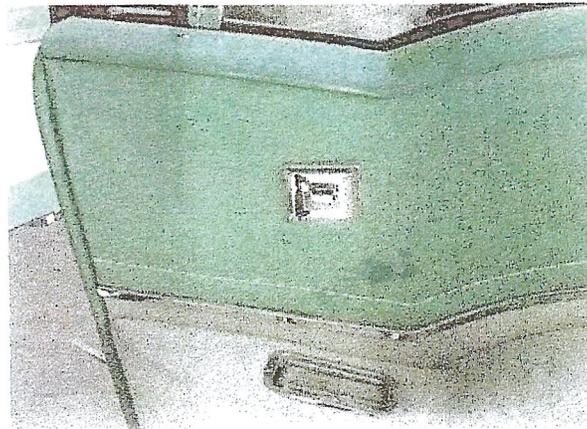
#4 Completed driver's side door switch.



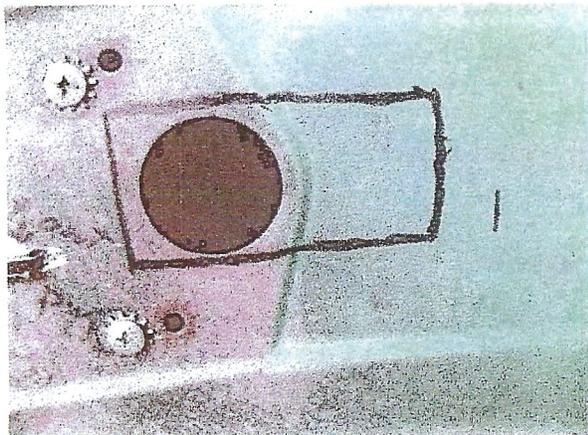
#5 Completed passenger's side door switch.



#6 Completed rear quarter switch.



#7 Left door behind 4 button switch.



#8

