

## CONVERTIBLE QUARTER WINDOW INSTALLATION/ADJUSTMENT



### Denny Williams - Technical Writer

Denny is first and foremost a dyed-in-the-wool Chevy enthusiast. He is an author (How To Restore Your 1957 Chevy), a restorer and a walking encyclopedia on Classic Chevys. Denny's knowledge was instrumental in developing the 1000 point judging system for our Chevrolet hobby. Be sure and throw him a challenging question when you see him at one of our shows. Denny also heads up Eckler's Late Great Chevy Product Development and Technical Services department.

This month's article will explain the installation of the Convertible quarter window assembly, the installation of the related parts, and the adjustment of the Convertible quarter window. In last month's article, all of the parts were prepared for this installation. The specific procedure and photos used in this month's article are again for the 1958 Convertible, but since all Late Great Convertibles have the same basic pieces and are assembled in the same way, this article can be used for any 1958-1964 Convertible. All of the photos in this article show the left (driver's) side of the 1958 Convertible.



### Parts Needed:

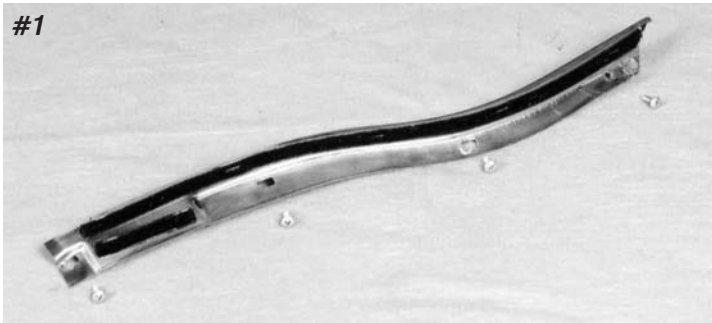
- 564098 1958 Convertible Rear Quarter Window Stops
  - 562300 1959-64 Convertible Lower Rear Quarter Window Stops
  - 563449 1955-64 Window Regulator Screw Set
  - 509085 1958 Convertible Quarter Window Stops
  - 509016 1959-60 Convertible Quarter Window Stops
  - 509059 1961-62 Impala Convertible Quarter Window U-Jamb Stops
- To order parts call 1-800-683-1961 or visit [LateGreatChevy.com](http://LateGreatChevy.com)

### Tools Needed:

- Large & Medium Flat-blade Screwdrivers
- Large and Medium Phillips Screwdrivers
- 1/2-inch & 9/16-inch Wrenches

### Time Frame:

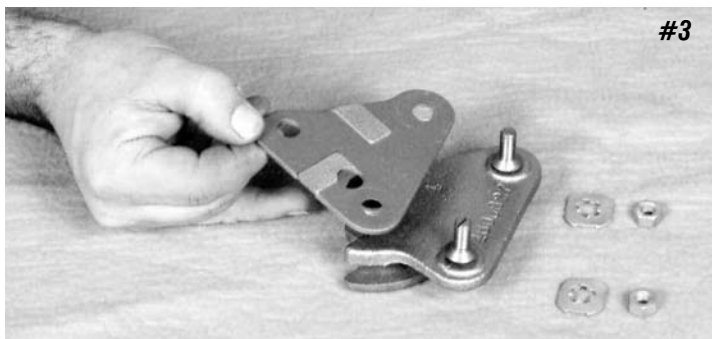
2 Hours

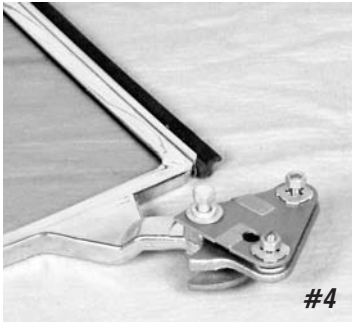


**Photo #1 & 2:** The first piece to be installed will be the quarter beltline stainless which has the new whisker strip. This molding is secured to the body with four #8-3/8-inch cad-plated Phillips sheet metal screws. (See Photo #1) Before installing the screws, carefully position the molding onto the body. Check the way the molding fits onto the body and how the position of the molding will be front-to-back. Through the access holes, install the four screws that secure the beltline molding. (See Photo # 2)



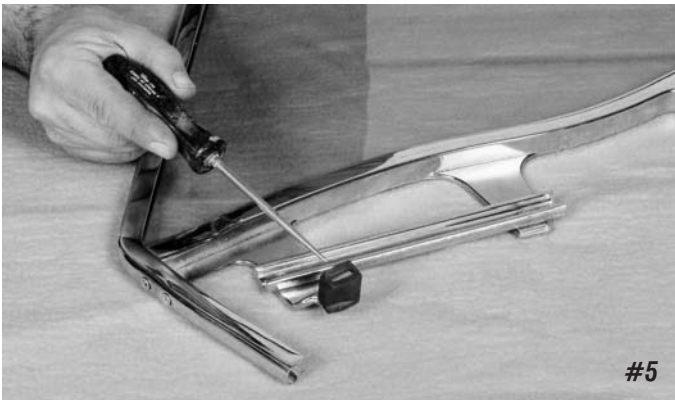
The quarter window assembly and quarter window pivot assembly will now be prepared for installation. Using some white lithium grease, lubricate the two special adjusting studs and the bolt that will secure the quarter window to the quarter window pivot assembly. Also, lubricate the surfaces of the quarter window base and the quarter window pivot assembly where they will come in contact with each other. This should help the motion of the quarter window as it is rolled up and down.



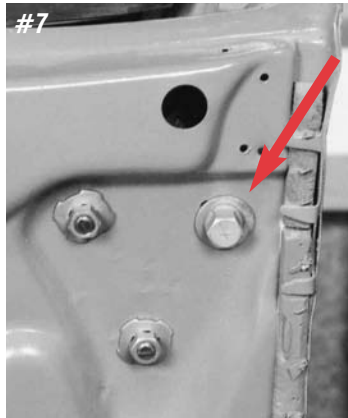
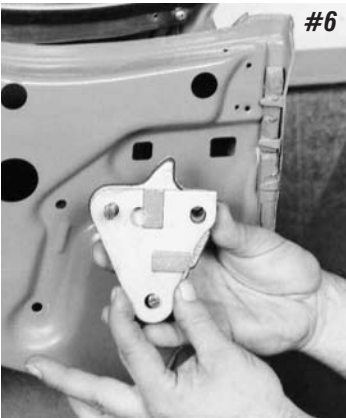


**Photo #3 & 4:** After selecting the correct pivot assembly, install the two special adjusting studs. (See Photo #3) After selecting the correct adjusting plate, position it onto the pivot assembly as seen in Photo #3. Although you will not install the special washers and nuts onto the pivot studs or install

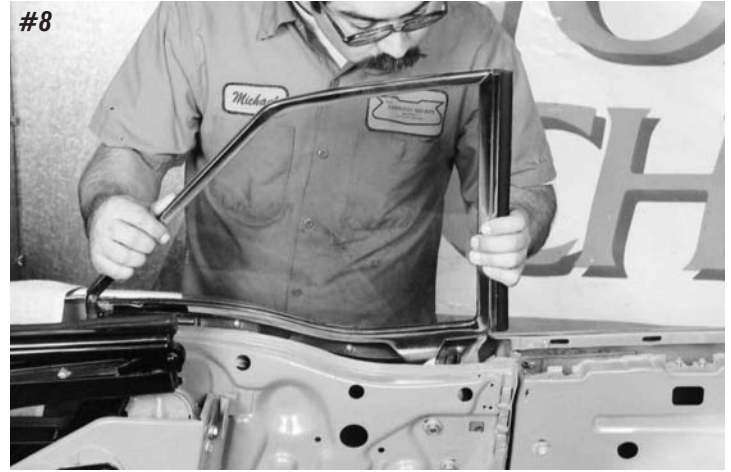
the quarter window into the pivot assembly and secure it with the special bolt and washers, Photo #4 shows how all of the attaching hardware will be oriented when the quarter window and pivot assembly is positioned into the car.



**Photo #5:** Install the quarter window rubber stop onto the quarter window base as pointed out in Photo #5. A pair of these for the 1958 can be ordered as **P/N 564098**. Order **P/N 562300** for 1959-1964 Convertibles. Using some white lithium grease, lubricate the track that is pointed out in Photo #5.



**Photo #6 & 7:** The proper orientation of the pivot assembly and adjusting plate can be seen in photo #6. The special studs should be screwed in all the way. Position the assembly into the quarter and secure it in place with the special internal/external lock-washers and nuts. Although the bolt that secures the quarter window will not be installed at this time, you can see how the bolt and washers will be positioned. (See arrow in Photo #7)

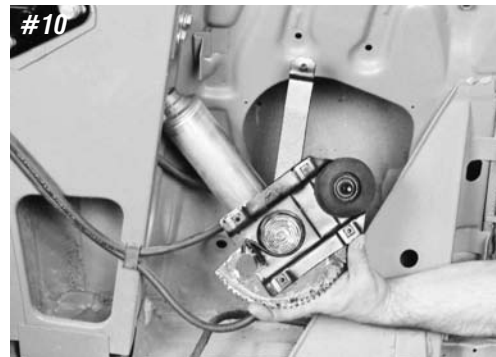


**Photo #8:** Tip the quarter window assembly toward the inside of the car so that you can get the rubber stop into the quarter, and then carefully slide the quarter window assembly into the pivot assembly. (See Photo #8)

**Photo #9:** Using a large Phillips screwdriver, align the hole in the quarter base with the hole in the pivot assembly; and then install the special bolt, flat washer, and lockwasher. (See Photo #9) Do not tighten this bolt at this time.



Grasp the quarter window and pull it upward until the bottom of the quarter window lines up with the stainless beltline molding. With the quarter window in this "up" position, temporarily tighten the two nuts and bolt on the pivot assembly. This should temporarily hold the quarter window assembly in the "up" position.



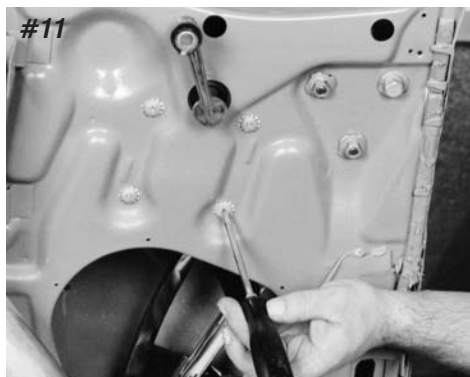
**Photo #10 & 11:** Lubricate the quarter window regulator with some white lithium grease. You will want to lubricate the spring, the gears, and any of the parts that come in

contact with each other as the regulator goes through its up and down cycle. Using the window crank, work the window regulator back and forth, making sure that it works smoothly. Position the rubber foam seal onto the window regulator crank

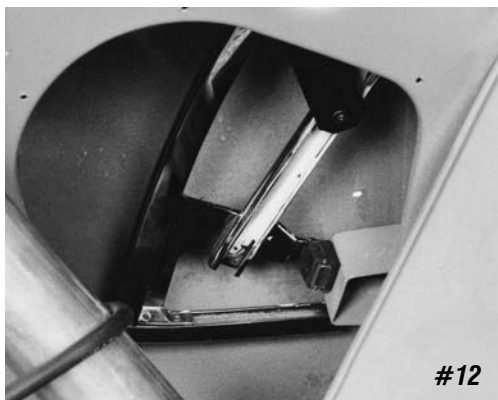


mechanism. Photo #10 shows the window regulator in the “up” position and will be rotated about 30 degrees counter-clockwise when it is installed into the car.

Loosen the pivot bolt and slide the quarter window to the 3/4 “up” position and then retighten the pivot bolt. With the regulator in the “up” position, slide the regulator assembly into the quarter while sliding the nylon roller into the track that is riveted to the window base. (See Photo #10) Slide the regulator into position so that the window crank stud comes through the hole in the inner quarter panel, and then install one of the four star-washer machine screws that will secure the regulator. After one of these screws has been installed, the rest can easily be aligned and installed. Tighten all four of these screws. (See Photo #11) These screws are available as **P/N 563449** for 8 screws and washers that will do both of the quarter window regulators. Position the crank handle onto the regulator and roll the quarter window up and down. By running it through the complete cycle, you will be able to see if the complete motion of the quarter window is available.



**Photo #12:** Roll the quarter window into the “down” position and check that the square rubber stop comes in contact with the lower stop bracket in the quarter. (See Photo #12)



**Photo #13 & 14:** To keep the quarter window from being rolled up too far, there is a bracket that stops the upward motion. Bead-blast and clear-coat this bracket and the two star-washer hex-head bolts that secure the bracket. (See Photo # 13) The correct orientation of this bracket in the quarter is to have the L-shape of the bracket to be orientated downward. When the quarter window is in the “up” position, this bracket should come in contact with the rubber stop that is pictured in Photo #12. The star-washer hex-head bolts that secure the bracket are pointed out in Photo #14. Before tightening this bracket, roll the window up so that the base is aligned with the stainless beltline molding. While squeezing the bracket and rubber stop together, tighten the two bolts that secure the bracket. You want the bottom of the bracket to squarely meet the rubber stop. If the bracket is cocked, the rubber stop will wear out prematurely. This is especially important on power window cars because this bracket is the only thing that is stopping the upward movement of the quarter window.

**Photo #15:** Install the forward quarter window opening seal with a #10 Phillips-head sheet metal screw. The metal part of this seal goes inside of the quarter. (See Photo #15.) The 1958 Convertible quarter window opening seals are available as **P/N 509085**, the 1959-1960 seals are **P/N 509016**, and the 1961-1964 seals are **P/N 509059**.

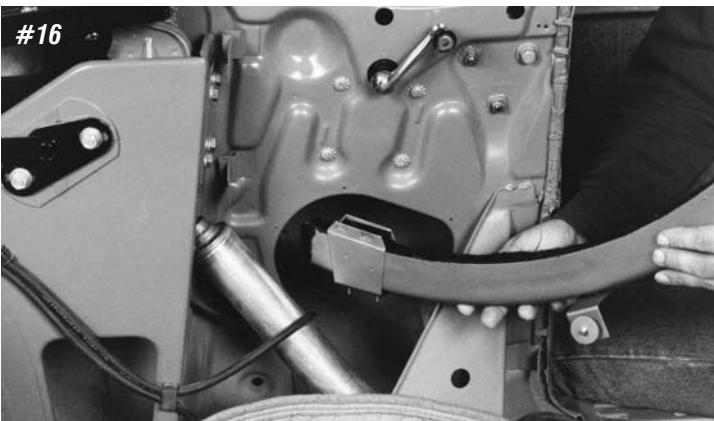


Now the basic procedure for adjusting the Convertible quarter window will be explained. If the door window is adjusted properly and the Convertible top is up and adjusted properly, then the quarter window can be completely adjusted at this time. For the explanation of the basic adjusting procedure, refer to Photo #7. If you look at the securing hardware for the pivot assembly as a triangle you will see that the forward point of the triangle is where the quarter window is secured. The rear point of the triangle is one of the special adjusting studs that will be responsible for the adjusting of the rear part of the quarter window. This adjusting stud will adjust the rear part of the window toward the outside of the car or toward the inside of the car. The last point of the triangle is the lower special pivot stud and will be responsible for adjusting the top of the quarter window. The lower adjusting stud will adjust (tilt) the top of the quarter window inward or outward with respect to the Convertible roof-rail. You will want to loosen the nuts on the special pivot studs before adjusting either one of these studs. Turning the rear stud counterclockwise moves the rear of the window towards the outside of the car. When you tighten the nut on this special stud, the window is usually

“pulled” inward a small amount. Turning the lower special stud counterclockwise will tilt the top of the quarter window inward.

When the quarter window is fully adjusted, you will want the quarter window basically in the center of the quarter window opening, not only at the front; but at the rear of the opening. The easiest starting point for the adjustment is to work the rear stud so that the back of the window is centered. Because a 1/4-turn can affect the adjustment so much, you will want to make only 1/4 or 1/2-turn adjustments. After adjusting the rear part of the window, see if the forward part of the window is centered. If it is not, adjust both of the special studs inward or outward as required to center the forward part of the window. Recheck the rear part of the window to make sure that it is centered.

The correct tilt inward of the quarter window will be the same basic angle as the windshield pillar where the vent window assembly comes into contact with the windshield pillar. From the rear part of the car you can basically “eye” the tilt of the quarter window to match up with the windshield pillar. To get the proper tilt, adjust the lower pivot stud inward or outward. Remember that turning the lower stud counterclockwise will tilt the top of the quarter window inward. After adjusting the tilt, go back and recheck the rear part of the quarter window and also see how the window assembly is centered in the opening. After you have adjusted the studs, use a flat-bladed screwdriver to hold the position of the special studs and then use a wrench to tighten the nuts and washers at each of the studs. Make one final check to see if the quarter window stayed in adjustment after the tightening step.



**Photo #16:** Put the quarter window in the “up” position. With the two-stud end first, install the lower channel through the access hole. (See Photo #16) The upper/rear part of the channel is secured to the Convertible with two large star-washers and nuts. The middle part of this channel has two brackets with two special adjusting studs. These studs will be secured to the car with two medium sized star-washers and nuts. Install the two upper star-washers and nuts and semi-tighten to hold the channel in place.

Slowly begin to roll the quarter window down and observe how the window goes into this lower channel. Using a flat-bladed

screwdriver, adjust the two studs along the side of this lower channel inward or outward so that the quarter window will easily roll down into the channel. Continue to adjust the window until you are satisfied that the quarter window will easily roll down into the channel with a minimum amount of resistance. At this time, the two upper washers and nuts can be tightened and the two other star-washers and nuts can also be tightened. Remember that before the car is finished, you may have to make small adjustments to this channel as well as the pivot assembly.

To finish this installation, the access cover can be installed and secured with the five Phillips-head sheet metal screws.

Repeat steps #1-#19 for the right side of the convertible.

Nice job! ✓