

The purpose of this month's Tech Help article will be to show you how to properly restore the vent window assemblies in your Classic. There are some very minor differences in the procedures between different body styles; these will be noted throughout the article. Following is a list of parts you will need to restore your vent assemblies.

Parts Needed:

- 13-13 Vent window rubber, including straight piece
—Hardtop, Convertible, Nomad
- 13-17 Vent window rubber, including straight piece
—Sedan, Wagon, Sedan Delivery
- 36-11 Window stop on vent assembly
—Hardtop, Convertible, Nomad
- 36-18 Vertical vent window frame/window channel
with screws
- 34-95 Vent assembly screw set (does both vents)

In a future article we will cover a 6-piece Hardtop/Convertible side glass installation which will also include vent window glass and latch installation.

1) Photo #1 shows a vent assembly (Hardtop/Convertible) as removed from a Classic with the original rubber and vent frame removed. Begin disassembly of the vent by drilling out the original rivets which secure the channel and frame. (See Photo #2.) Use a 5/16 in. or larger drill bit and drill the head off of the rivet itself; do not drill into the frame. There are five rivets which must be drilled out on Sedan/Wagon frames, four rivets on Hardtop/Convertible frames. Also remove the top phillips head screw which secures the upper channel and frame on Hardtop/Convertible assemblies only. (See Photo #3.)

2) Once the frame is totally disassembled and all rubber/channel pieces removed, bead-blast the vertical vent support and steel frame. Paint the cleaned pieces with some type of gray/natural finish spray paint. (See Photo #4.) Fit the new vertical vent channels, P/N 36-18, into the original vertical vent support. Push the channel down so it is even with the bottom of the original support and mark it at the top so that it may be cut to the proper length. (See Photo #5.) After it is marked, cut the channel with a fine tooth (32 teeth per inch) hack saw blade. (See Photo #6.)

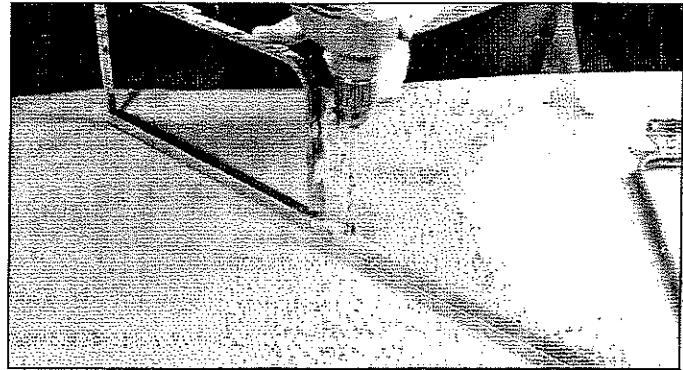


Photo #2

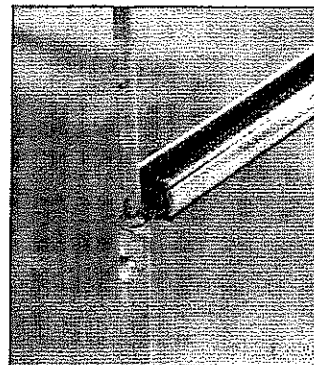


Photo #3

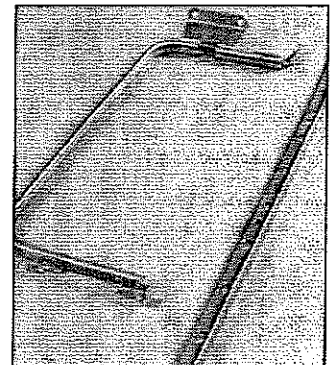


Photo #4

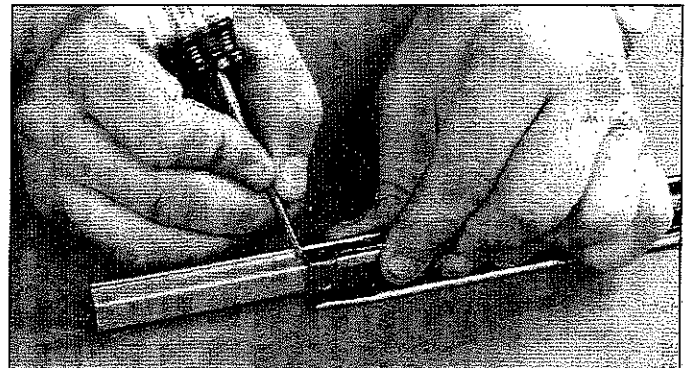


Photo #5

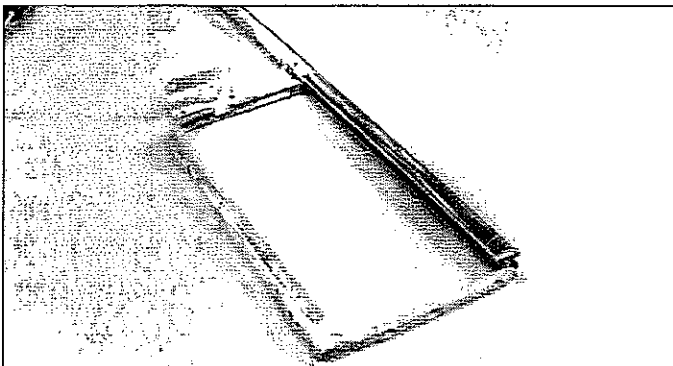


Photo #1

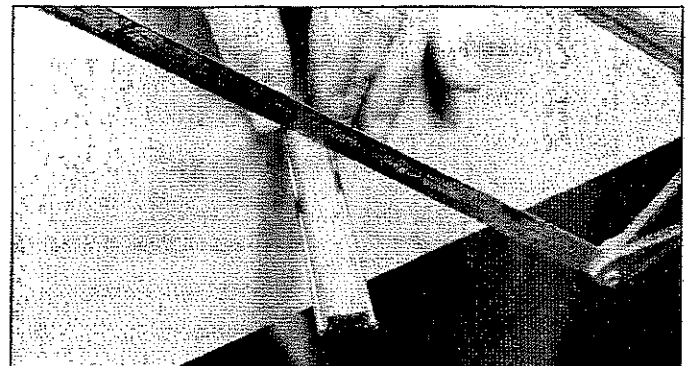


Photo #6

3) Once the channel is fitted, punch holes through the rivet holes into the new channel at each hole location with an awl or sharp punch. (See Photo #7.) Push the awl through from the other side in order to clean up the hole. (See Photo #8.) Now polish the two pieces of stainless which are attached to each vent so they may be re-installed. (See Photo #9.) Remove the new channels from the vertical supports and install the stainless pieces. The wider of the two pieces slides down into place; the narrow piece snaps into place. (See Photo #10.)

4) After the stainless is installed, install the vent rubber vertical straight piece contained in P/N 13-13 or P/N 13-17, vent rubber sets. Be sure to install the left and right sides on the respective vertical vent supports so the wide side of the rubber rests against the lip on the channel. (See Photo #11.) From the back side, bend the tabs over on the straight rubber piece.

5) Reinstall the new channel removed in Step #3 and secure it using two #6-32 countersunk machine screws, lockwashers, and nuts in the bottom two holes. (See Photo #12.) These screws are provided in the vent assembly screw set, P/N 34-95. Now lubricate the vent window "C" rubber (contained in P/N 13-13 or P/N 13-17) outer portion with white lithium grease. (See Photo #13.) Making sure you are installing the left rubber on the left assembly and the right on the right assembly, snap the rubber into place around the frame, *one side at a time*. (See Photo #14.) If the rubber won't snap into place, a little pressure with a large straight screwdriver will help. (See Photo #15.)

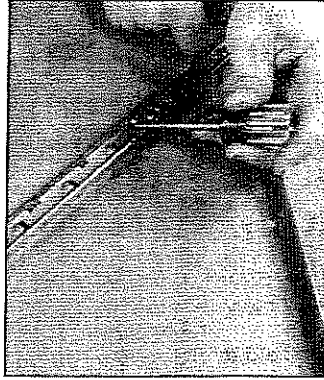


Photo #10

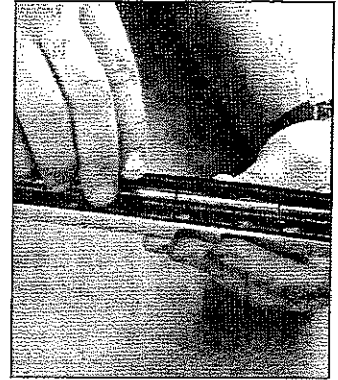


Photo #11

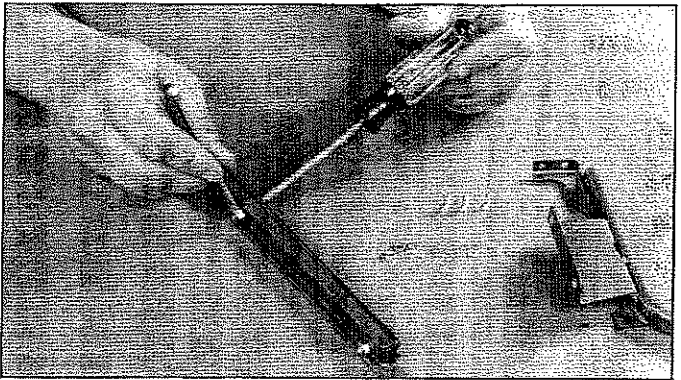


Photo #12

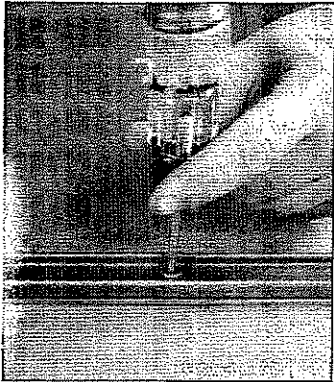


Photo #7

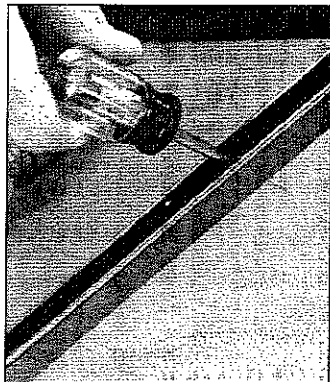


Photo #8

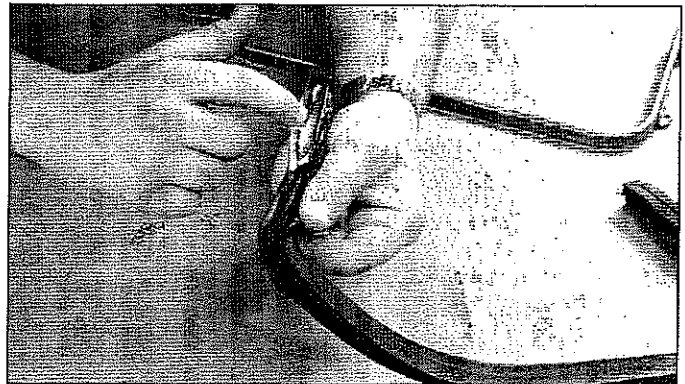


Photo #13

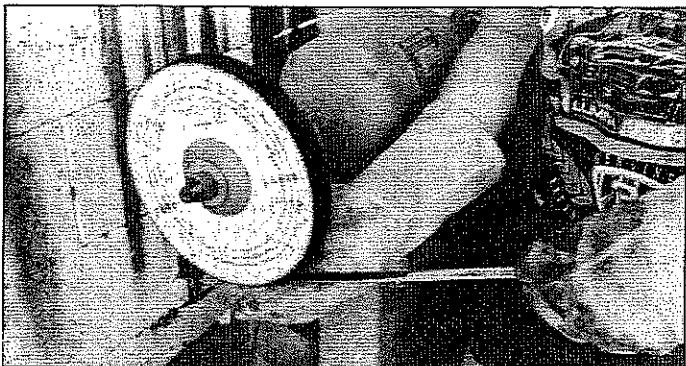


Photo #9

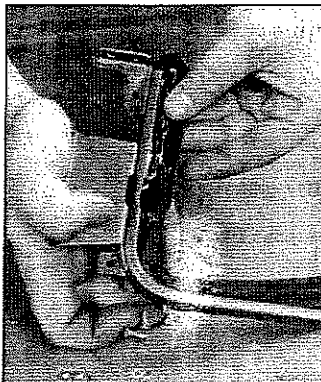


Photo #14



Photo #15

6) Once the rubber is installed, slip the vent frame/glass assembly into the rubber and frame—be sure the top pin fits in the hole at the top. (See Photo #16.) Once again, be sure you are installing the left side on the left, the right on the right. Reassemble the vertical support “C” assembly by slipping the rubber tab on the “C” rubber behind the vertical straight piece. (See Photo #17.) Secure the top of the vertical vent channel to the “C” frame using a #6-32 countersunk machine screw, lock-washer and nut (Sedans/Wagons only). (See Photo #18.) Install two longer #6-32 screws, lockwashers and nuts at the bottom bracket from the “C” frame to the vertical support. (See Photo #19.) Be sure that all of the countersunk screws are tightened so that the head of the screw “disappears” down into the fuzzy part of the channel.

7) On Hardtop/Convertible vent assemblies, the upper part of the new channel should be secured by punching a hole in the channel and pulling the top two tabs on the vertical rubber piece through the new channel and bending the tab over. (See Photo #20.) Fasten the top “C” frame and vertical channel on Hardtop/Convertible vent assemblies by installing the pan head machine screws contained in screw set, P/N 34-95. The completed vent assembly is shown in Photo #21. It may now be installed in the door using the remainder of the screws contained in P/N 34-95. Good luck! ✓

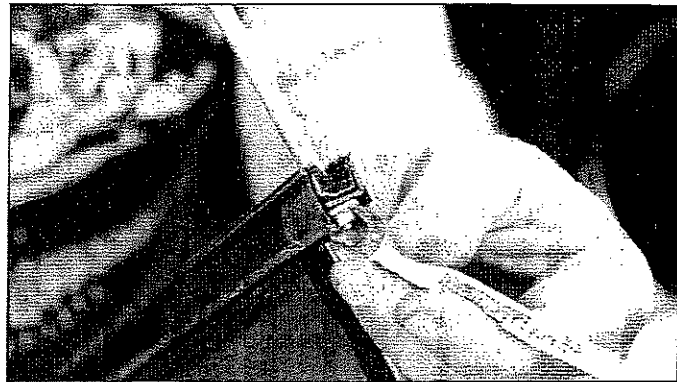


Photo #18

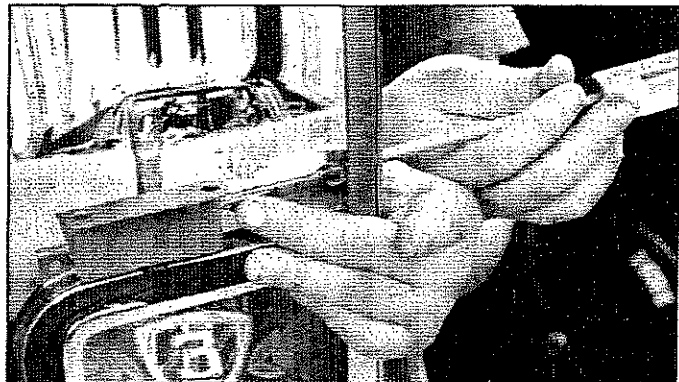


Photo #19

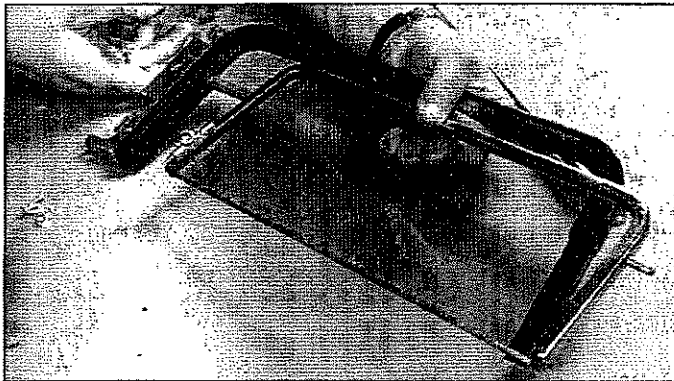


Photo #16

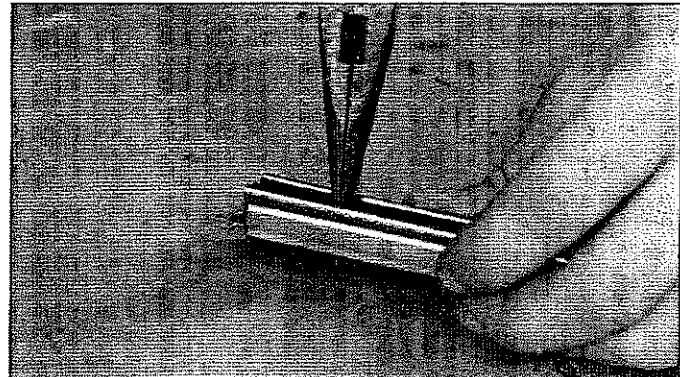


Photo #20

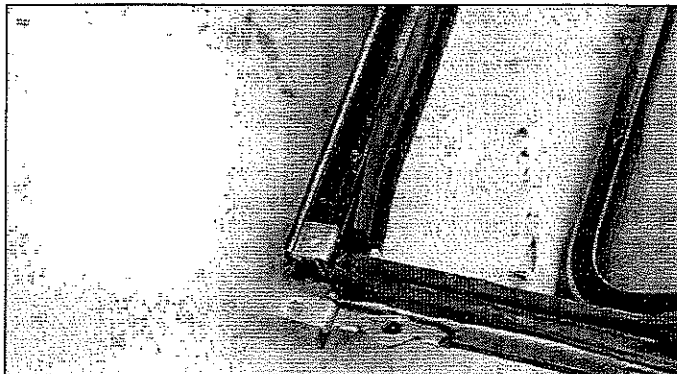


Photo #17

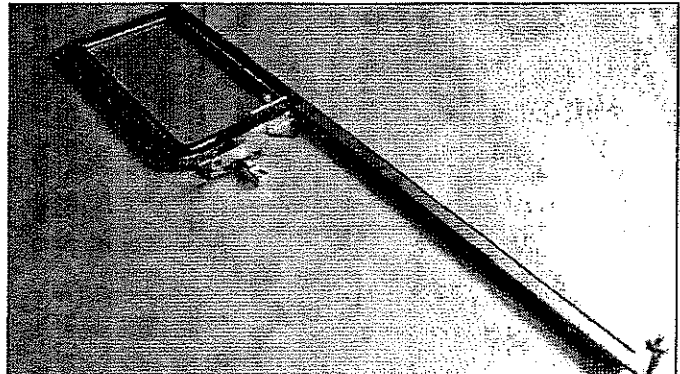


Photo #21