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ACTUAL PARTS, YEARS AND BODY STYLES CONTAINED

IN THIS ARTICLE MAY DIFFER SLIGHTLY FROM YOUR APPLICATION. "

FOUR DOOR SEDAN SIDE GLASS AND WHISKER CHANNEL INSTALLATION

by Randy Irwin



Tools Needed:

Philips screwdriver punch
7/16" wrench mallet
masking tape tin snips

Time Frame:

5 Hours

Parts Needed:

- 36-173 Window Felt Kit Four door sedan
- 34-45 Whisker channel clips
- 36-83 Vent Glass "sedan" (tinted)
- 36-203 Door Glass Front "4-Door" (tinted)
- 36-207 Door Glass Rear "4-Door" (tinted)
- 34-101 Window Regulator Hardware Kit
- 36-196 Left Front 4-Door Sedan/Wagon Lower Door
Glass Metal Channel
- 36-197 Right Front 4-Door Sedan/Wagon Lower Door
Glass Metal Channel
- 36-198 Left Rear 4-Door Sedan/Wagon Lower Door
Glass Metal Channel
- 36-199 Right Rear 4-Door Sedan/Wagon Lower Door
Glass Metal Channel

Photo #1: The door glass has a lower metal channel with two tabs for the window regulator roller guide. The metal channel is held to the bottom of the glass with a rubber channel/flap, the rubber channel is still holding the metal channel in place but the flap is long gone.





Photo #2: To remove the lower metal channel place a small piece of wood up to the channel and with a hammer or plastic mallet drive the channel off the door glass.

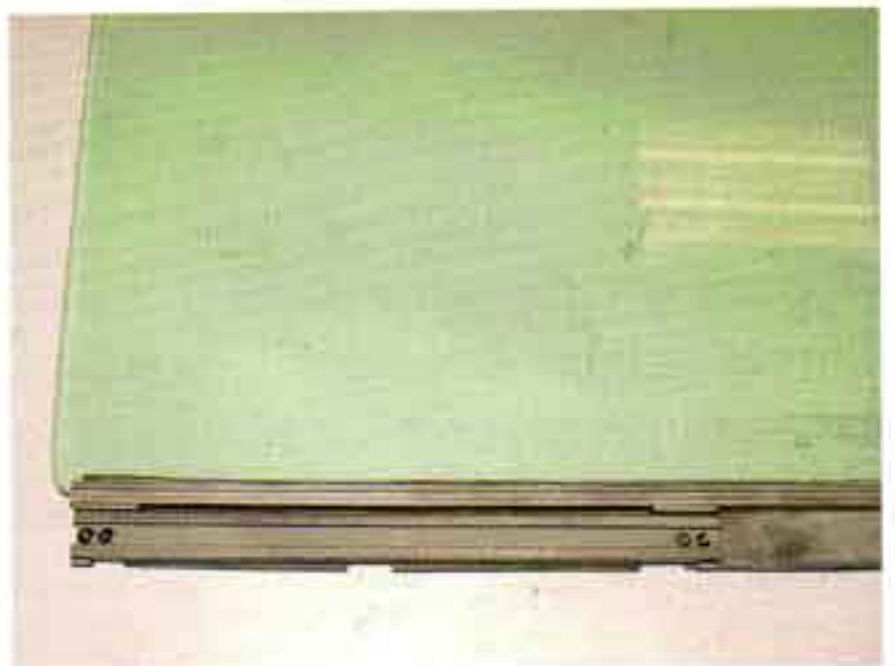


Photo #3a & 3b: The new door glass #36-203 is cut square at the top front and has a radius at the rear to fit the door frame. The rubber channel/flat is not available for a 4-door but the channel/flap #36-67 for the 2-door hardtop work perfectly for this application. The channel/flap will have to be trimmed about 5".



Photo #4a & 4b: With the rubber channel/flap facing to the outside of the door lubricate the flap with liquid detergent and than install the lower metal channel #36-196 (left) or #36-197 (right) with the tabs facing to the inside of the door so that the roller channel will be facing inward.

Photo #5: Next install the roller guide onto the lower metal channel, the guide is held to the channel with four #8-32 machine screws.



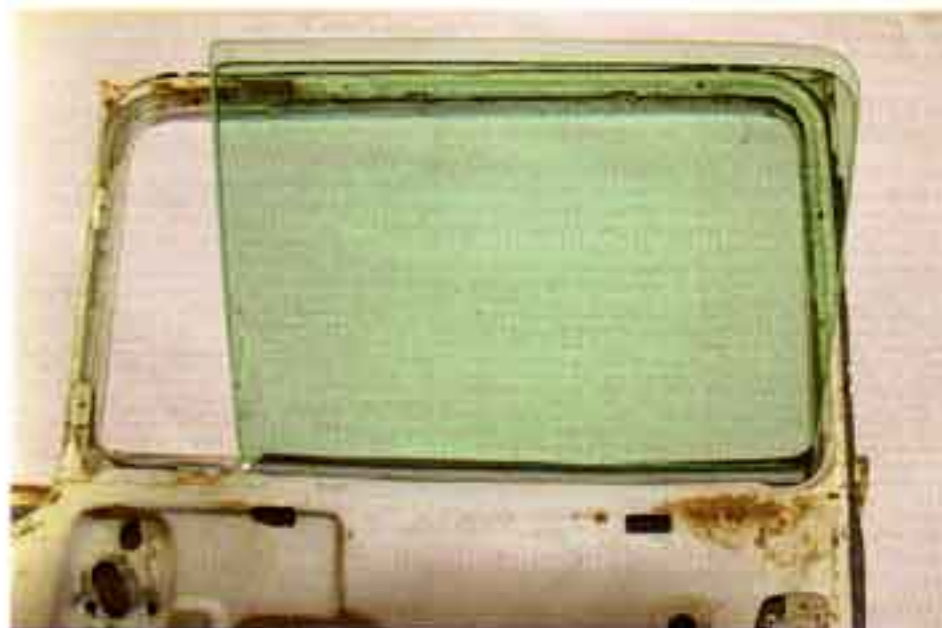


Photo #6: Now install the glass into the door and gently lower the glass to the bottom of the door, with the vent assembly removed it makes much easier to install the glass but it is not necessary to remove it to replace the glass.



Photo #7a & 7b: With the glass resting at the bottom of the door the vent assembly can be installed. The vent window frame is held to the door at the top with four sheet metal screws.



Photo #8a & 8b: The stem on the bottom of the vent window frame fits into the top of the vent window regulator. The vent window regulator is held in place with screw kit #34-101, two 1/4" X 1/2" screws from the top that pass through the lower base of the vent window assembly and two 1/4" X 1/2" screws from the inner door. There is a 1/4" X 3/4" screw with a serrated washer that will hold the stem of the vent window frame into the regulator. The hole in the vent window regulator for the vent frame stem is slotted for any adjustments needed to center the vent window glass in the vent window assembly.

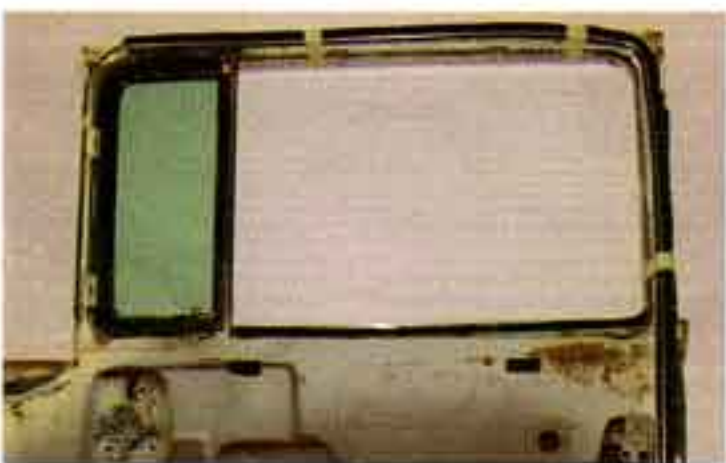


Photo #9a & 9b: The whisker channel comes pre-bent from the factory for the ease of insulation, the channel is about 5" long at the vent assembly. Mark the whisker channel where it needs to be trimmed and than using a pair of tin snips trim the excess off only at the vent window assembly not at the rear of the door.



Photo #10a, 10b & 10c: The whisker channel is held in the door frame with small spring steel clips #34-45, the clip is held to the whisker channel with two tabs that are pushed through the back of the whisker channel and then bent over. Using an all make two small holes in the whisker channel, place the clip in place and then with a screw driver bend the two tabs over. We installed a clip about every six inches in the channel.

Photo #11: The bottom 18" of the whisker channel is held to the door with a removable guide, clips are not used in this area. The guide has teeth that will bite into the whisker strip when the guide is installed, leave the channel out of the door at this time.

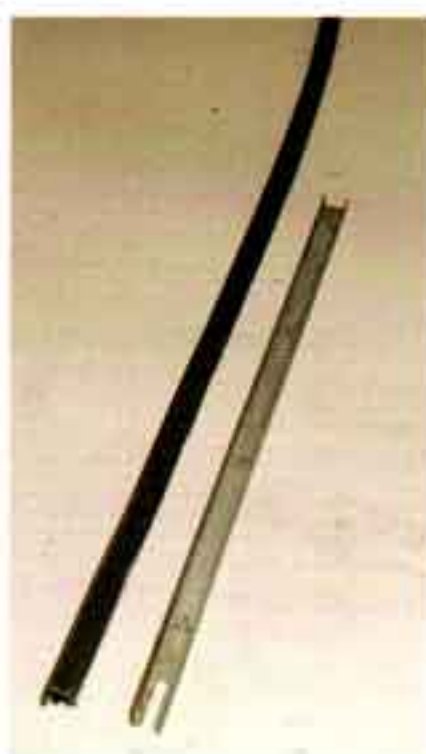


Photo #12: Place the whisker channel in the door and starting at the vent window assembly push the whisker channel up into the door frame.



Photo #13: With the whisker channel in door channel the lower rear 18" will just be hanging in the door, slide the glass between the front window channel on the rear of vent assembly and the

whisker channel that is hanging in the door. Now slide the door glass up into the new the whisker channel.

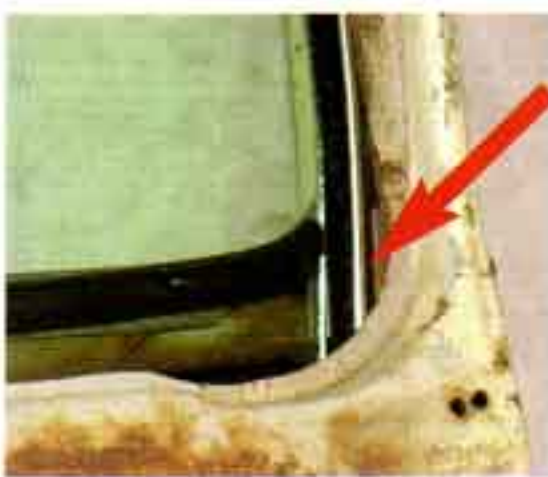


Photo #14a, 14b & 14c: With the glass slid all the way to the top of the door frame the rear whisker channel guide can be installed. Slide the guide up between the whisker channel and door at the rear of the door and than pull the guide down and hooking it on the stud welded to the door. With the guide bolted to the door press the new whisker strip into the guide.

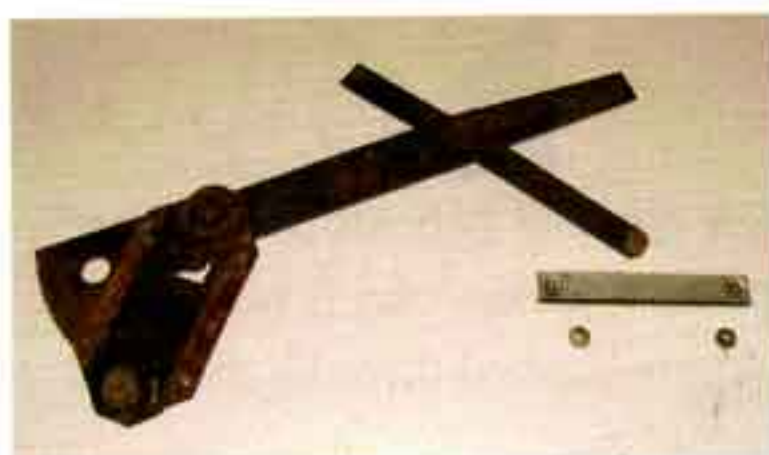


Photo #15: The window regulator has three rollers, two that will ride in the channel on the bottom of the door glass and one that will ride in the short roller guide that is attached to the inner door.



Photo #16a & 16b: The regulator will pass through the large hole in the door. Slide the two rollers onto the guide on the bottom of the door glass and then attach the regulator to the door. The regulator is held to the with four 1/4" screws and serrated washers #34-101.



Photo #17a & 17b: The inner guide will slide onto the single roller on the window regulator and then anchor to the inner door with the same screws as the window regulator. With the window crank, roll the window up and down to make sure the glass moves freely in the new window channel.



Photo #18: The rear door glass and channel is in pretty bad shape, the glass is broken and the channel is just about rusted away. The new lower door glass channel for the rear doors is available as #36-198 left and #36-199 right.

Photo #19:

The new lower door glass metal channels fit the door glass and roller channels just as the originals did.

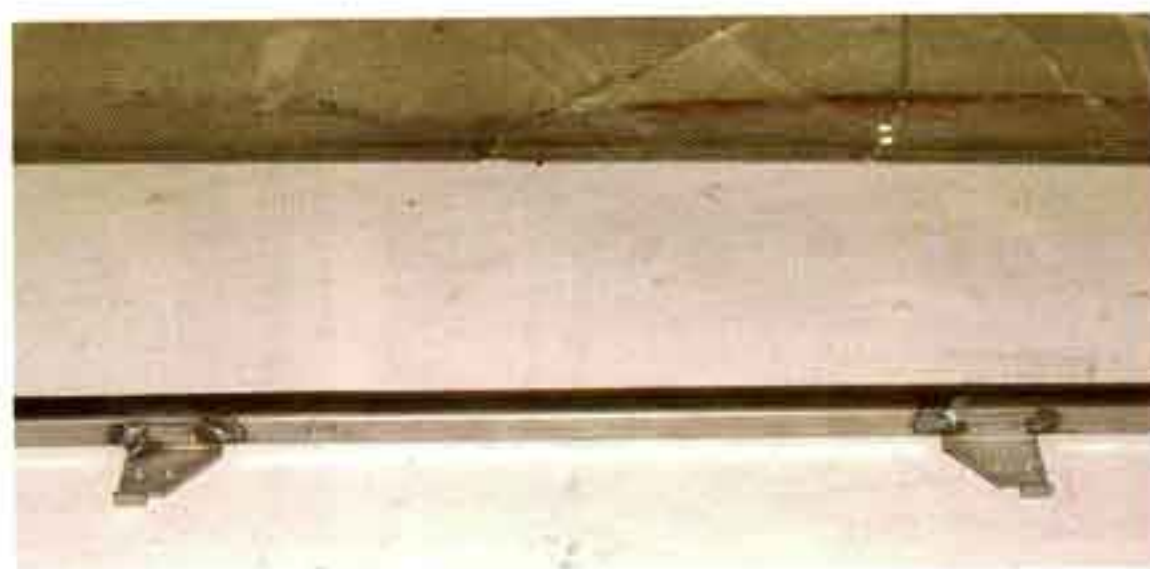


Photo #20: Once again we will use the 2-door hardtop door glass rubber channel #36-67 to install the glass to the glass channel. The rubber channel will not need to be cut for the rear door glass.



Photo #21a & 21b: Install the rubber flap facing to the outside of the glass, then lubricate the rubber channel and with a mallet drive the new channel onto the glass.



Photo #22a & 22b: Now install the roller guide to

the two lower brackets on the lower door glass channel, the roller guide is held to the brackets with two #6 machine screws on each end. Now carefully install the glass in the door and lower it down to the bottom of the door.





Photo #23a & 23b: The original door glass whisker channel was held in with a clip that was braided to the whisker channel and was snapped into an oval hole in the door, this clip is not reproduced.



Photo #24: The best way to install the new whisker channel is to glue the channel in. Loctite brand makes "Ultra Black" silicone that works great to glue the channel in. Run a 1/4" thick bead around the outer edge of the whisker channel leaving the rear lower 14" of the channel unglued and then install the channel into the door.



Photo #25: Using masking tape wrap around the whisker strip and the door post, let the silicone dry over night.



Photo #26a & 26b: With the silicone, dry work the glass around into the new whisker channel and slide the glass up into the door frame. There is a metal channel that will bolt into the rear of the door to support the rear lower half of the whisker channel, place a bead of silicone in the metal channel and install the channel into the door. The channel will get trapped between the whisker channel and door at the base of the door frame and will anchor to the door at the bottom with a machine screw and washer from the outside of the door.



Photo #27: The two outer rollers on the window regulator will slide in the lower door glass channel.



Photo #28: With the two outer rollers in the roller guide anchor the window regulator to the door with #34-101 screw set.

Photo #29: Now install the inner roller guide to the inner door with the same screw and serrated washer in kit #34-101. With the window regulator roll the window up and down and make sure there are now tight spots.



With all new glass and whisker channels the car will be tight, quiet and look great.

Good Luck! 