

## Chapter 29 - Windows Installation (Video Clip 29)

### Start with the Rear Windows



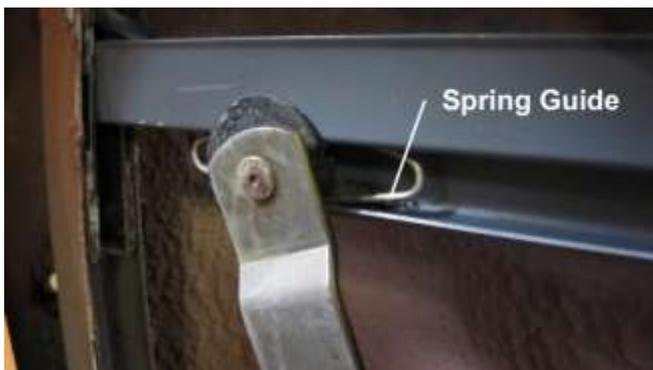
1041. Spray all moving parts with white lithium grease to free them up.



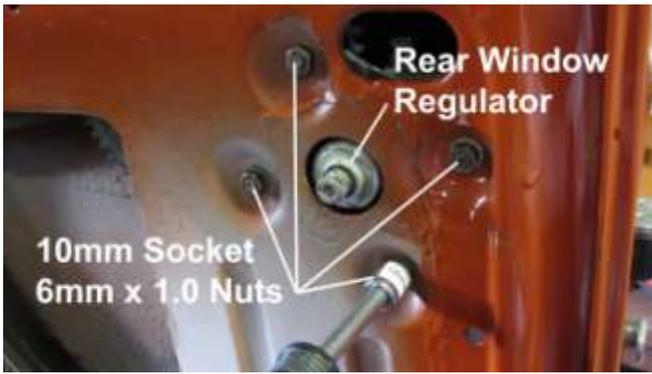
1042. Add tape as shown to protect the newly painted surface as you insert the rear window. To secure the window re-install the 2 bolts as shown.



1043. Spray white lithium grease on the rear metal window guide



1044. Insert the regulator arm spring guide into the window guide as shown.



1045. Slide the window regulator into the openings, as shown, and with a 10mm socket connect the four 6mm nuts.



1046. Attach the window handle and raise and lower the glass several times to loosen up the movement. Add more grease and adjust the window as needed. Follow the same procedure for the opposite side rear window.

(Work on this Section - 4 Hours)



1047. From the back seat, inside the car, adjust the rear windows stop.



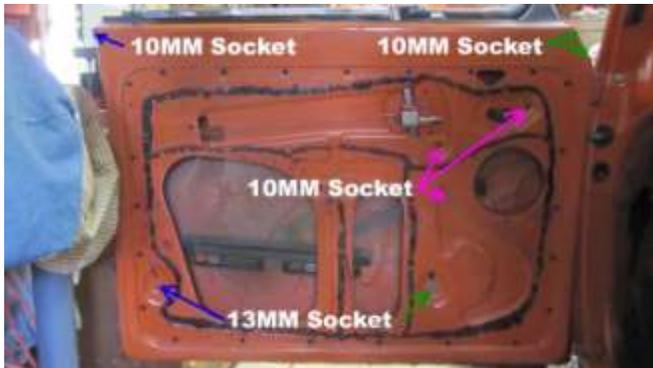
1048. Windows are now parallel, as shown.

## Begin Front Windows Installation



1049. The work order for the front window installation is as follows:

- Install the inside window scraper
- Install the regulator
- Install the vent window frame
- Install the rear guide bar
- Install the window
- Install outside window scraper



1050. Remember in chapter 14 (the window removal section) the appropriate bolt location and sizes were shown, and color coded as follows:

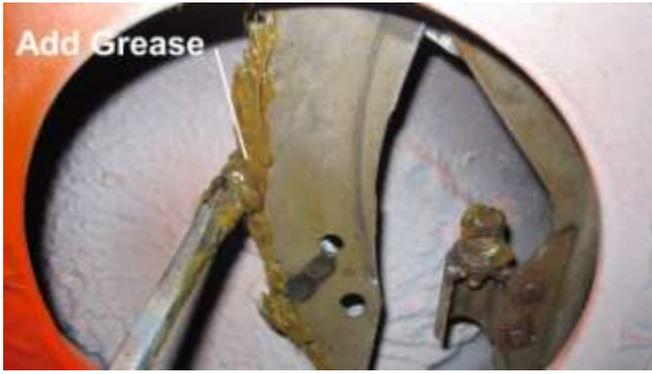
- Purple - window regulator
- Green - vent window frame
- Blue - rear guide bar



1051. Insert the window regulator through the access hole in the door, as shown.



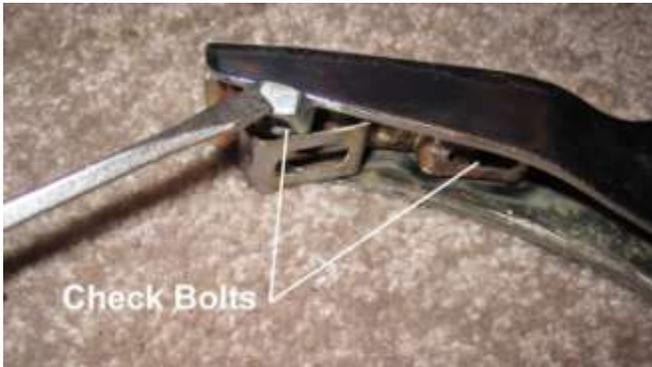
1052. The window regulator is connected with 3 bolts, as shown.



1053. Add grease to the gears on the window regulator through the access hole, as shown.



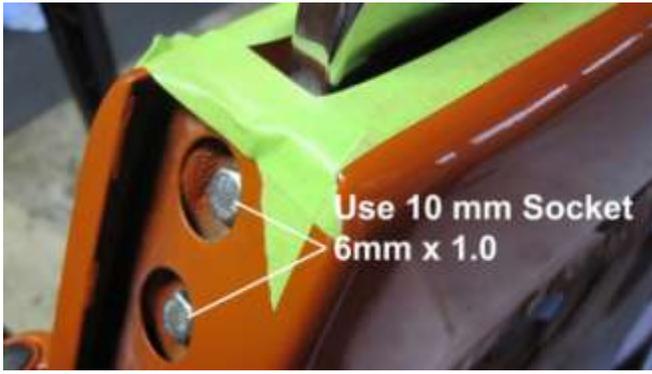
1054. Add grease to the vent window pivot arm on the vent window frame, as shown.



1055. Double check that the nuts in the front of the vent window frame have not fallen out.



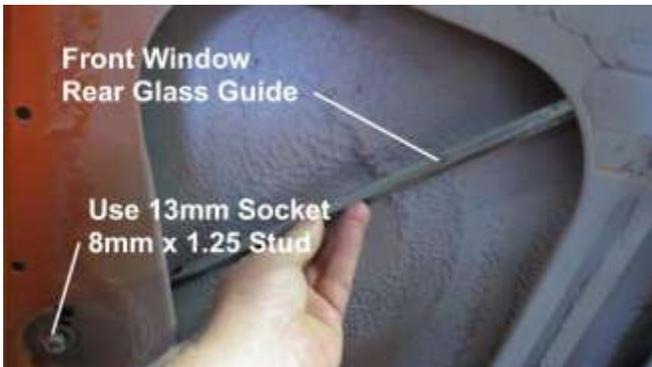
1056. Add tape to protect the car paint. Check to make sure that the nut has not fallen out on the vent window connection. Trial fit a 5mm x 0.90 bolt coated with oil to loosen any paint that may hinder the bolt insertion.



1057. Use a 10mm socket to connect the two bolts on the front of the vent window frame.



1058. Use a 12 mm socket to connect the vent frame arm from the inside, with a nut near the bottom of the door, but do not tighten yet.



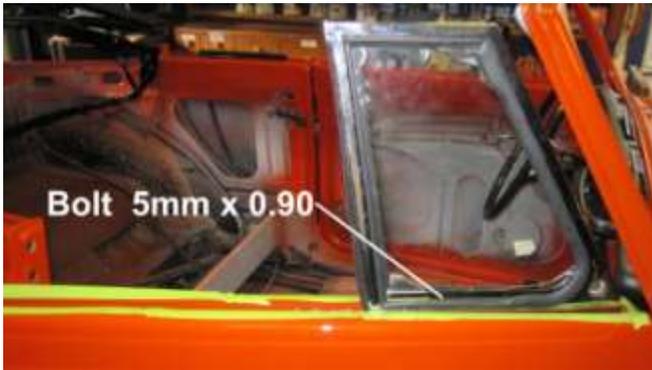
1059. Insert the front window rear glass guide through the opening, as shown, and attach the 8mm nut, but do not tighten yet.



1060. With a 13mm socket connect the window glide nut near the rear bottom of the door, but do not tighten yet.



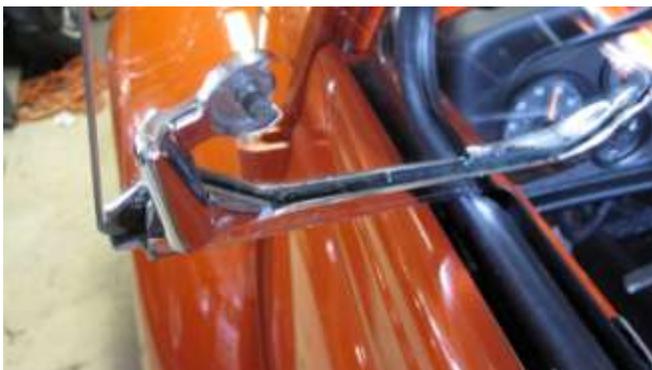
1061. With a 10mm socket connect the window guide on the end of the door frame with the 6mm nut, as shown.



1062. With the vent window open insert a 5mm screw or bolt at the location shown and tighten.



1063. A view of the vent window installed.



1064. The driver side vent window crank was broken so I ordered a new one that needed to be installed.



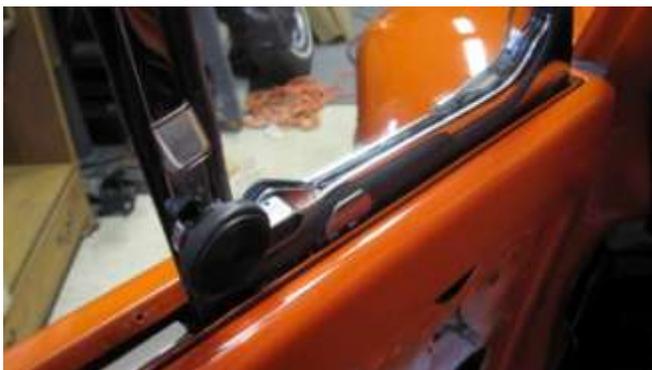
1065. Use a drill press to drill out the rivets that hold the vent window knob in place, as shown.



1066. Rivets shown partially drilled out.



1067. New vent knob installed on the window frame.



1068. The vent window shown back in place.



1069. Crank the window crank until the window guide bar frame and the window regulator studs are in alignment and attach window, as shown below.



1070. Add a plastic washer to the back side of the guide bar and a plastic guide on the front side and secure with a metal clip, as shown.



1071. Spray white lithium grease on all accessible moving parts.



1072. Roll the window up and down several times to make the window seat in the new felt. You may need to add lubricant to the rear guide bar that rubs against the chrome window frame. Now tighten the window frame and guide bar bolts and nuts.

(Work on this Section - 6 Hours)



1073. Follow the same procedures for the opposite side front window.

(Work on this Section - 3 Hours)

### Front Windshield - Attaching the Seal



1074. Clean both sides of the windshield with Windex.



1075. Lay the front seal on the glass according to the final position.



1076. Carefully, pull the seal to catch on one of the corners and hold the seal tightly against the glass.



1077. Seal orientation shown.



1078. Carefully, pull the seal to catch over the opposite corner, make sure not to lose first corner.



1079. Bungee cords helped somewhat as a third hand, but don't scratch the glass.



1080. Push the seal backward to catch the rear lip on the glass, then pull the seal forward to catch the front lip, then push down. Go an inch or two at a time, this can be time consuming but also very important, so do it right.



1081. Use a small screwdriver to help pull the lip out over the glass, but be careful, do not scratch the glass, penetrate your palm, or break through the window seal.



1082. Masking tape helps hold the seal against the glass while you take a break to regain your composure, when you get frustrated...and you will due to the time it takes to do such a simple task.



1083. The rubber seal shown installed on the front windshield and weedeater line inserted in the groove, used for installation on the car.

(Work on this Section - 2 Hours)

### Installing Front Windshield on car



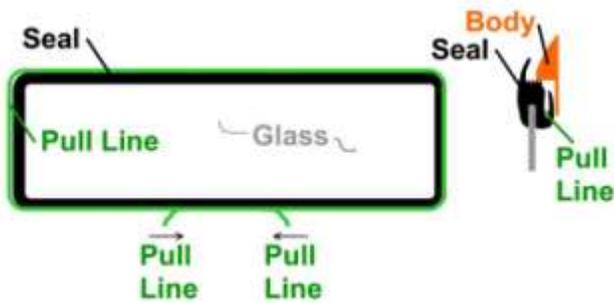
1084. Windshield area of the frame was rubbed down with silicon. Malcolm gives the window installation team, (Wilma & Marcy) thumbs up ready to go.



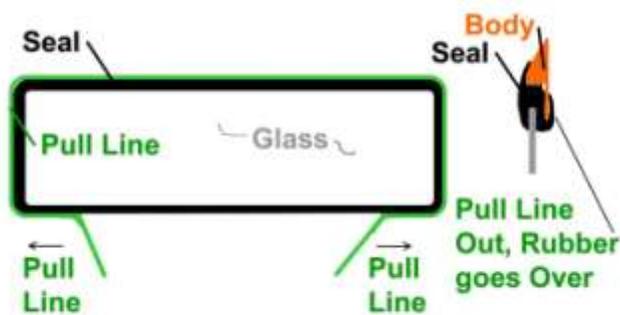
1085. Weed eater line inserted into the seal and the window glass is set in place. Window was tapped to make sure it seated into the frame.



1086. Left side weed eater line that is pulled to the left and the other line pulled to the right as shown below.



1087. The objective is to have the line wrapped around the seal in the inner groove. To begin overlap the lines, which will be pulled separately and in the opposite directions. Keep swapping back and forth, keeping the ends near the same position on opposite sides. Initially the seal flap is outside the body as shown.



1088. As you pull the line the seal flap flips over to the inside body flange as shown sealing the window in place.



1089. The windshield installation team included the wife Wilma on one side pounding the window outside as the line was pulled from the inside.



1090. Daughter Marcy was on the other side of the window also pounding the glass with her palm as the line was pulled from the inside.



1091. Sometimes I assisted Wilma in pounding the window as I pulled the line.



1092. Malcolm pulling line while Marcy slapping the glass and pushing in as the line creates the seal.



1093. Malcolm pulling the seal edge out to get a good lip on the frame.



1094. The windshield shown installed in place, note the glass needs to be cleaned again.



1095. All side glass and the front windshield is now installed. The back glass will be put in after the convertible top has been installed.

*Work on this section - 1 hour  
Work on this chapter - 16 hours  
Total hours - 464*