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Froducts

LEGACY PRODUCTS

40 x 40 SLIDING RAGTOP INSTALLATION GUIDE



40 x 40 SLIDING RAGTOP INSTALLATION GUIDE

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INTRODUCTION

The following installation guide will take you step by step through the installation process of a 40x40 Hot Rod Deluxe Sliding Ragtop. This guide will provide easy tips to make the installation process easier and reduce the risk of damaging the paint and finish of your vehicle. If you have any questions, please do not hesitate to contact one of our Customer Service Representatives. 1.800.764.0926



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THE VEHICLE





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THE TOOLS

REQUIRED: Drill

Drill Card (1/8", 1/4", 5/32", 3/8") Body Saw / Jig Saw (24tpi blades)

Cut-Off Wheel Air Grinder

Step-Bit

Tape Measure

Masking Tape

Marker

Canvas Tarp

Straight Edge Safety Glasses

Standard Socket Set

Screw Driver

Basic Hand Tools

Air Blower

Extra Blades and Cut-Off Wheels

PRO TIP: "Loop" Self-Adhesive Velcro Strips

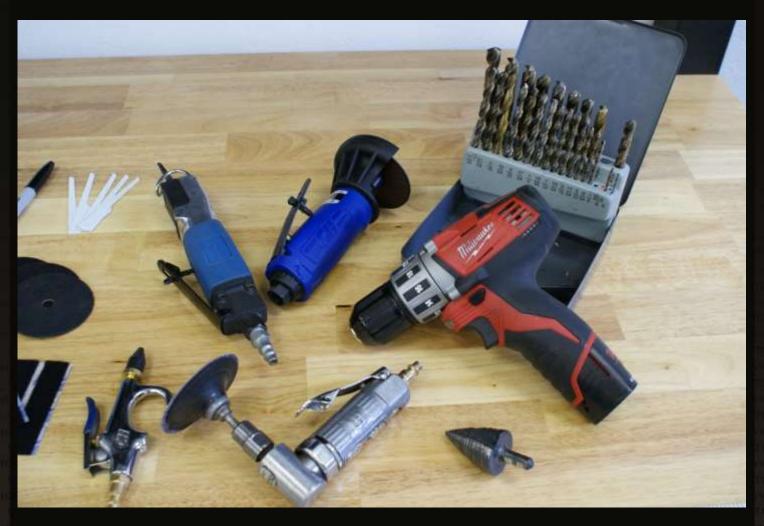




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THE TOOLS





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THE TOOLS





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THE TOOLS





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THE TOOLS





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THE TOOLS



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PRO TIP

PROTECT YOUR PAINT Customize your tools

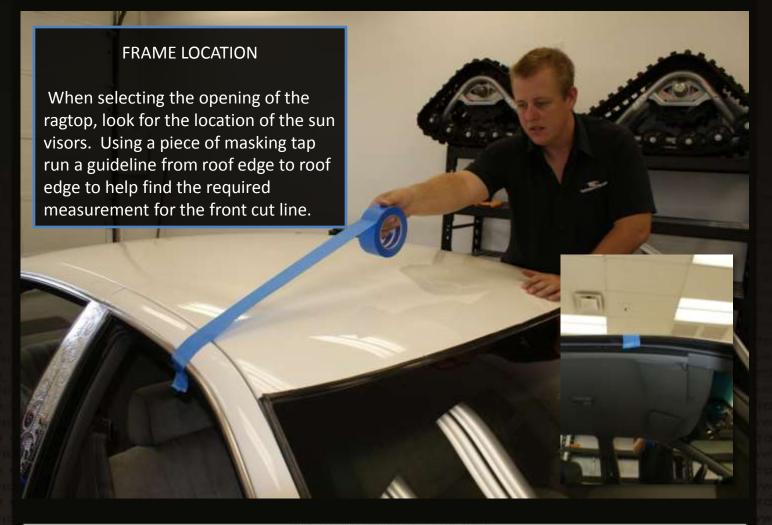
- Step 1. Cut "Loop" velcro strip to length
- Step 2: Cover saw guides that will be touching the surface of the vehicle
- Step 3: Using a flat screen driver press the adhesive backing together.





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STEP 1: LAYOUT

FRAME LOCATION

From the drivers seat, measure from the windshield to 1" behind the sun visor. Notate this length, and measure from the exterior window trim to the determined length.

Mark the line, this will determine the front cut line for the top.

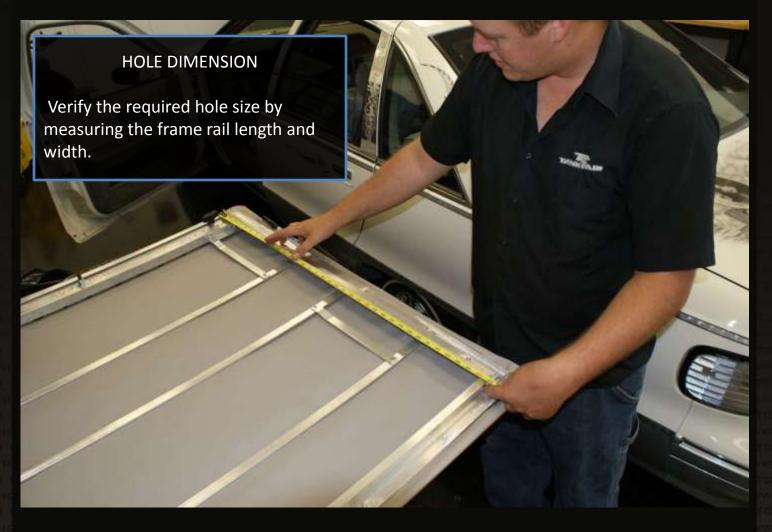
PRO TIP: Make sure you measure from the same location on both passenger side and driver side of the car. Then cross measure to verify that the line is square to the roof.

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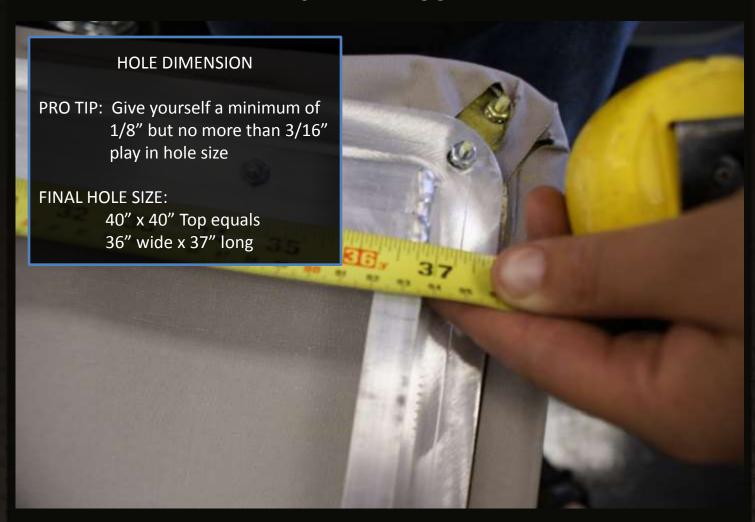
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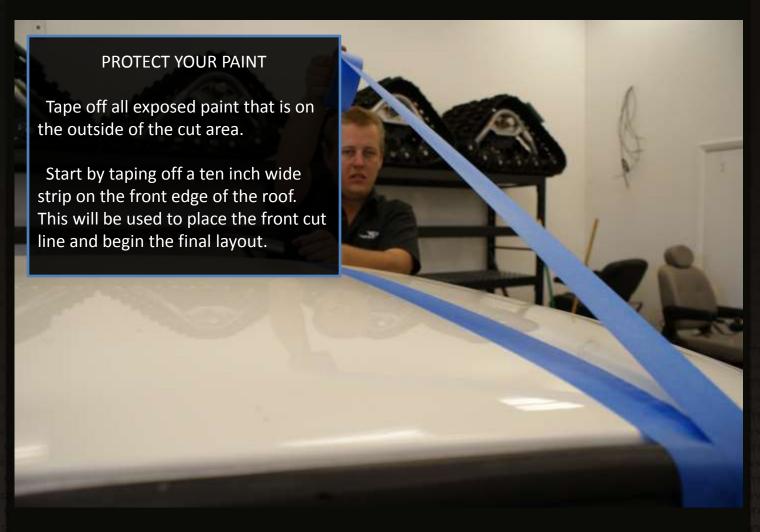
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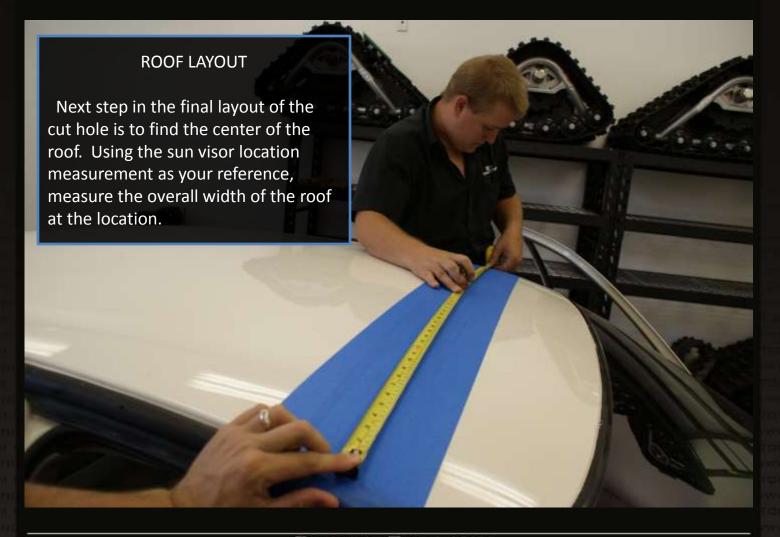
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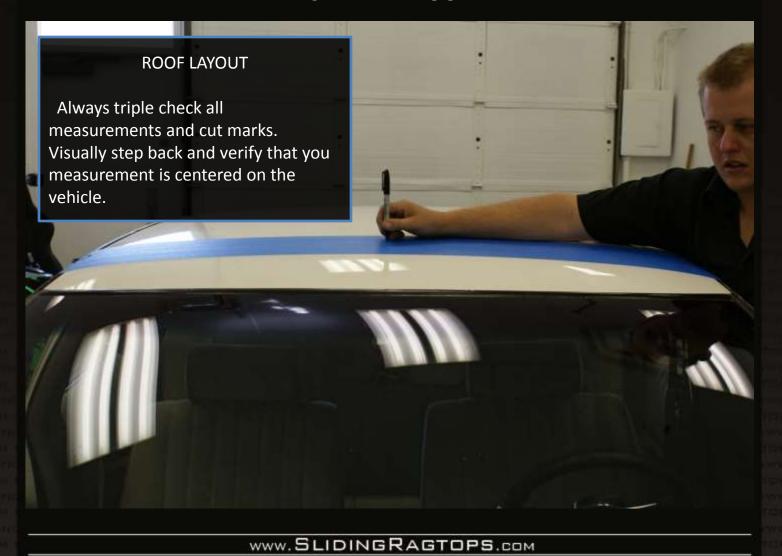
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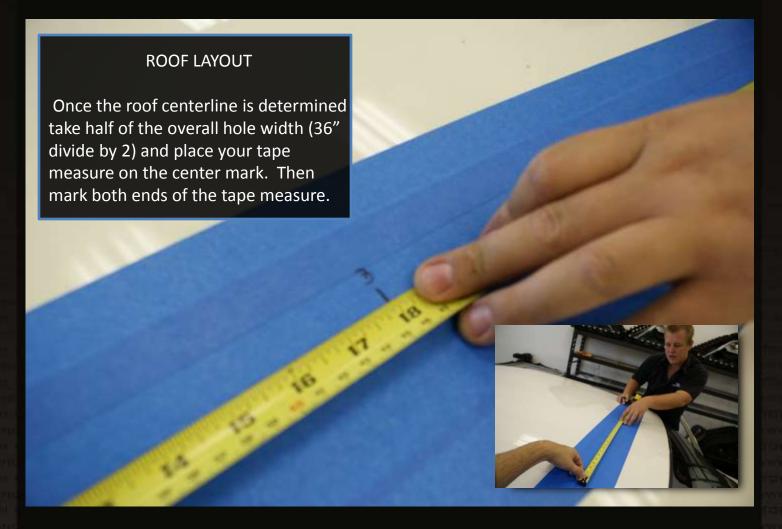
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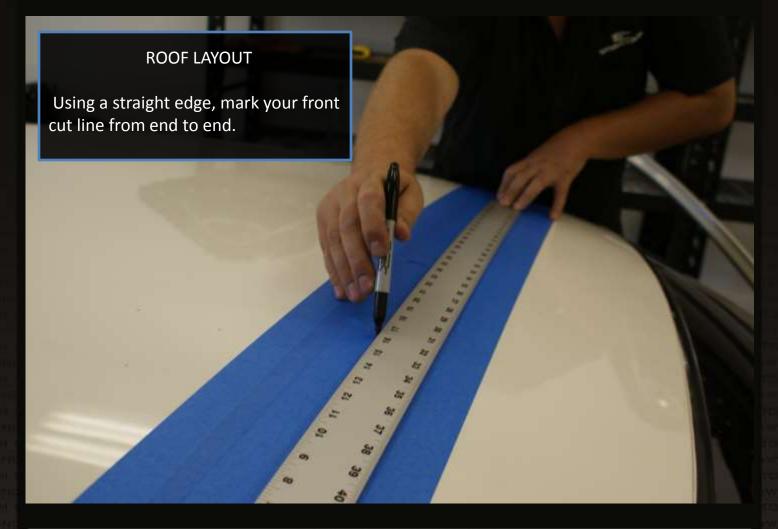
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STEP 1: LAYOUT



PROTECT YOUR PAINT

Tape off all exposed paint that is on the outside of the cut area.

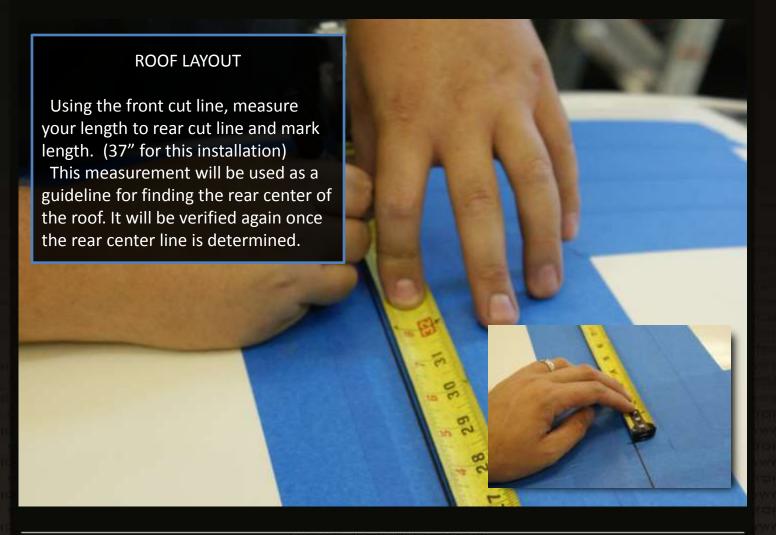
Using your front line marks as a guide line tape off the remaining exposed areas of the roof.

PRO TIP: For additional protection of the paint job, triple layer the masking tape a minimum of two inches on either side of to cut line.



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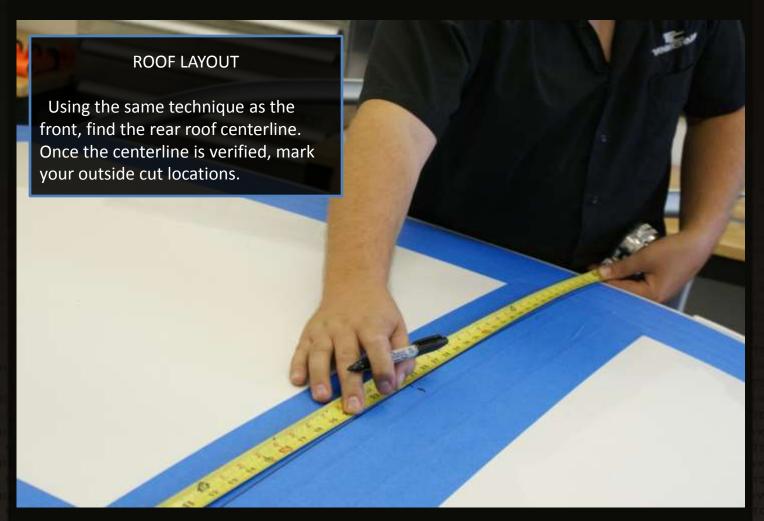
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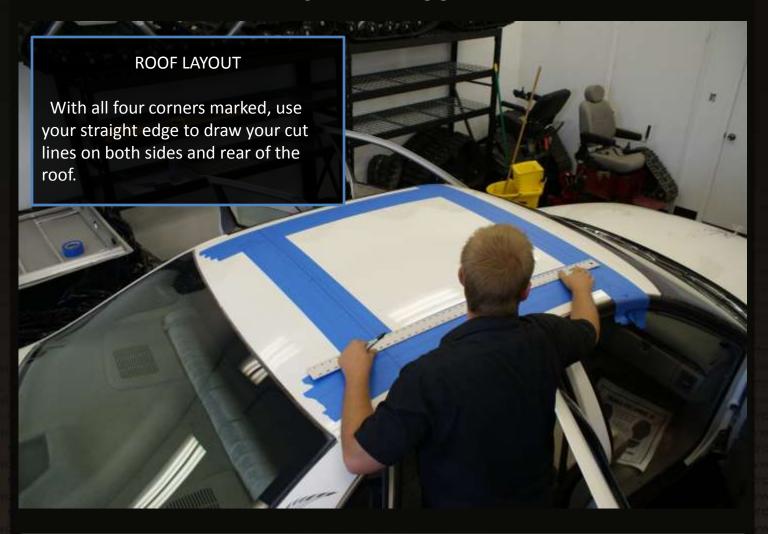




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STEP 1: LAYOUT





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STEP 1: LAYOUT

ROOF LAYOUT

VERIFY & TRIPLE CHECK

Take multiple measurements from the edge of the roof to the cut line on both driver and passenger sides. Make sure that each measurement matches, this will ensure the ragtop is being installed in the center of the roof.

PRO TIP: Check square! Measure from your cut marks corner to corner diagonally. This measurement should match each direction. If it does not match, your hole is not square and the ragtop will not fit properly.

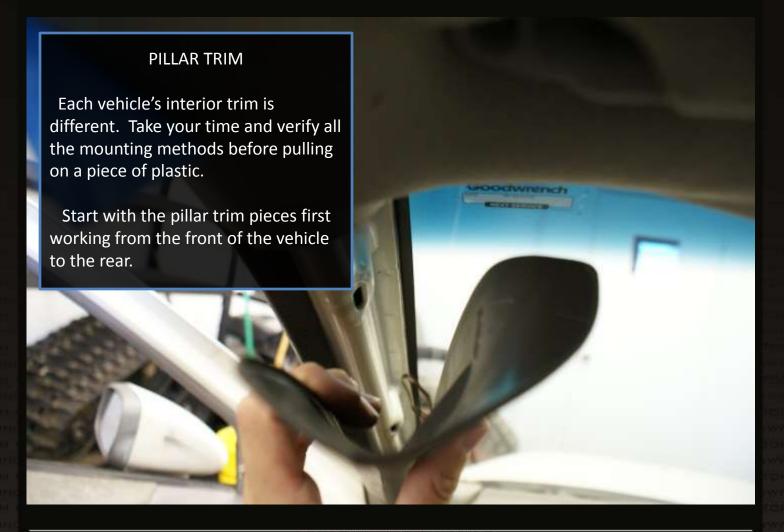




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STEP 2: INTERIOR DISASSEMBLY

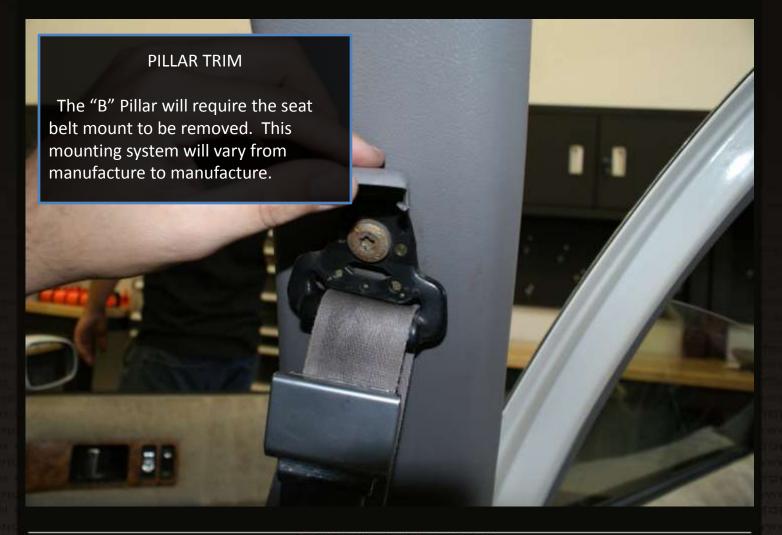




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STEP 2: INTERIOR DISASSEMBLY



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STEP 2: INTERIOR DISASSEMBLY





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STEP 2: INTERIOR DISASSEMBLY

HEADLINER TRIM & MOUNTS

Starting with the sun visor mounts, remove all the trim pieces including grab handles, clothes hangers and interior lights. Always finish with the main center interior light to hold the headliner in place before you are ready to remove it.

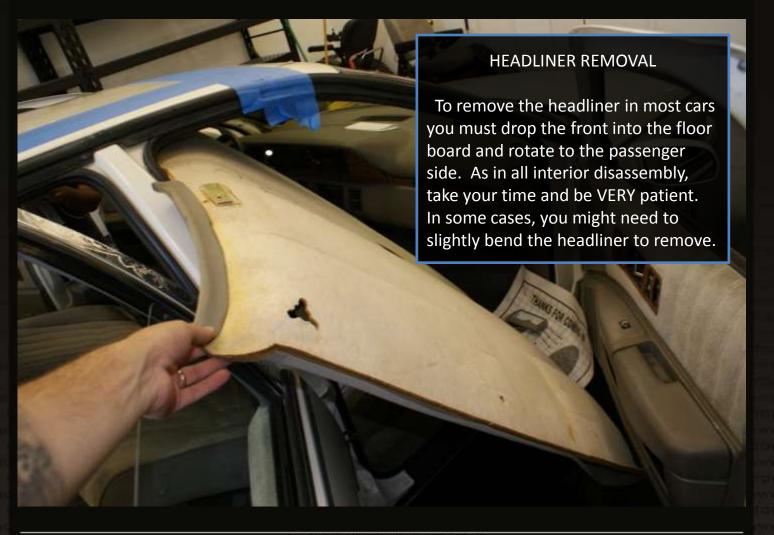




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STEP 2: INTERIOR DISASSEMBLY

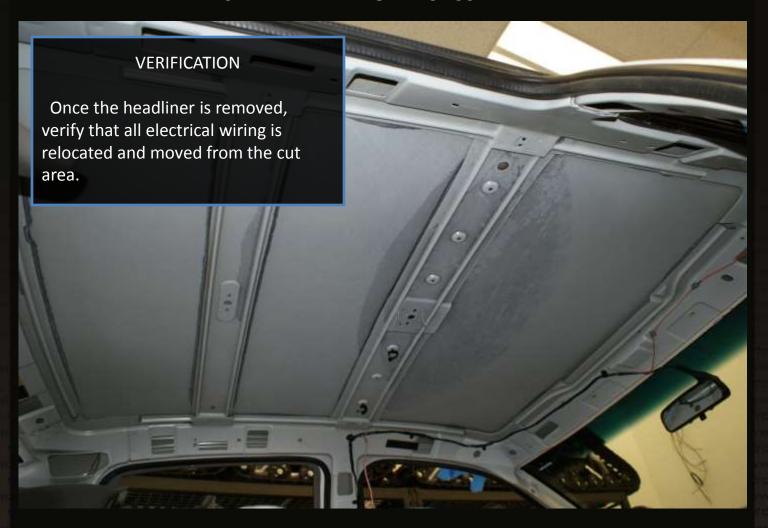




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STEP 2: INTERIOR DISASSEMBLY

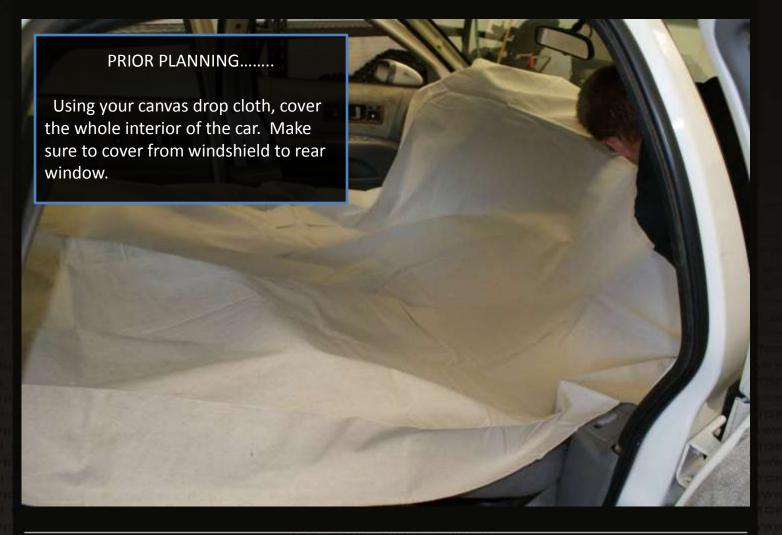




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STEP 3: PREPARING FOR THE CUT

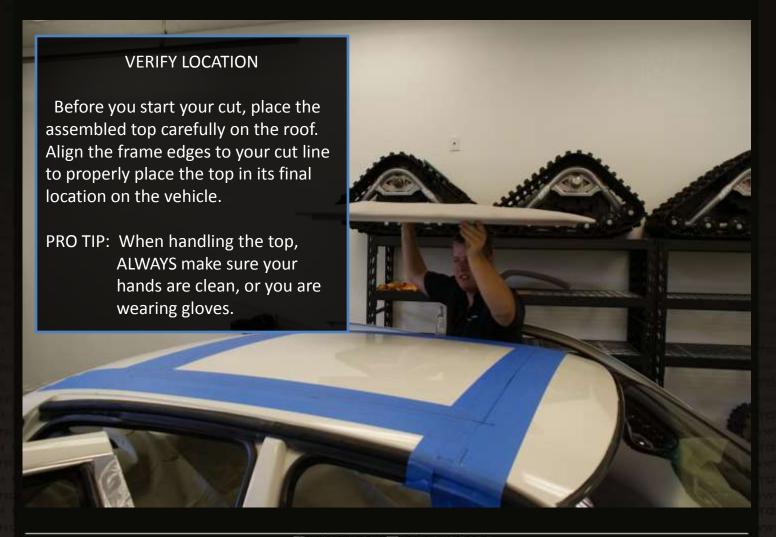




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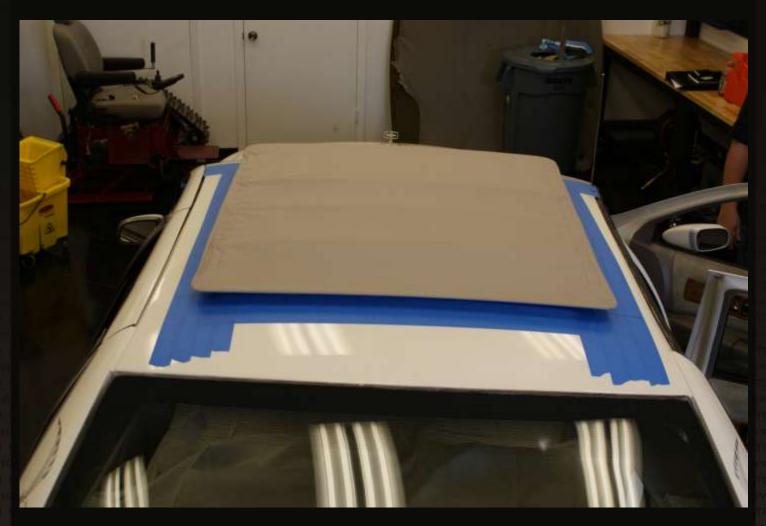




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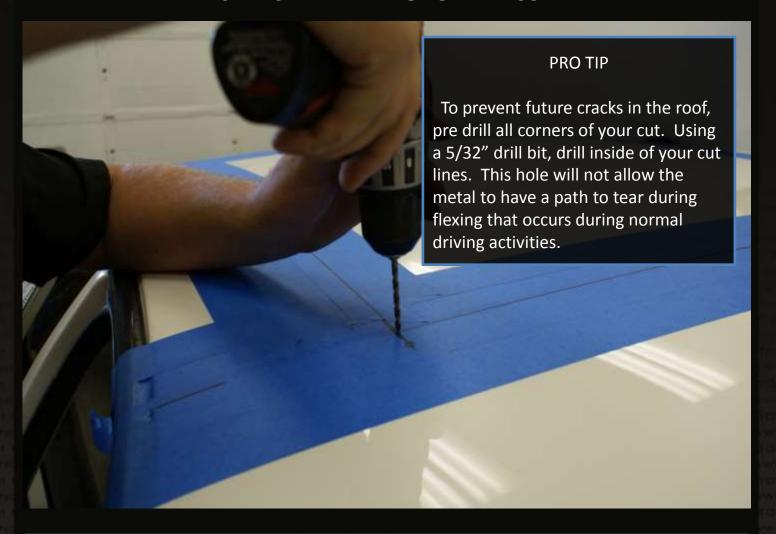
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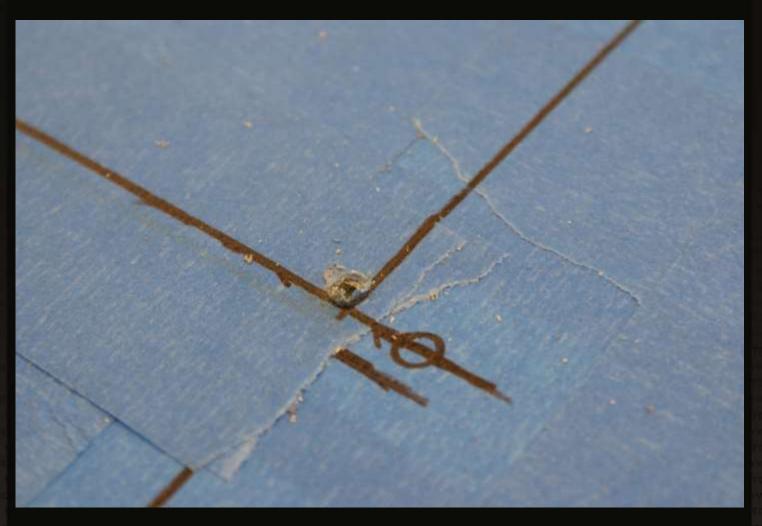




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STEP 3: PREPARING FOR THE CUT





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STEP 3: PREPARING FOR THE CUT

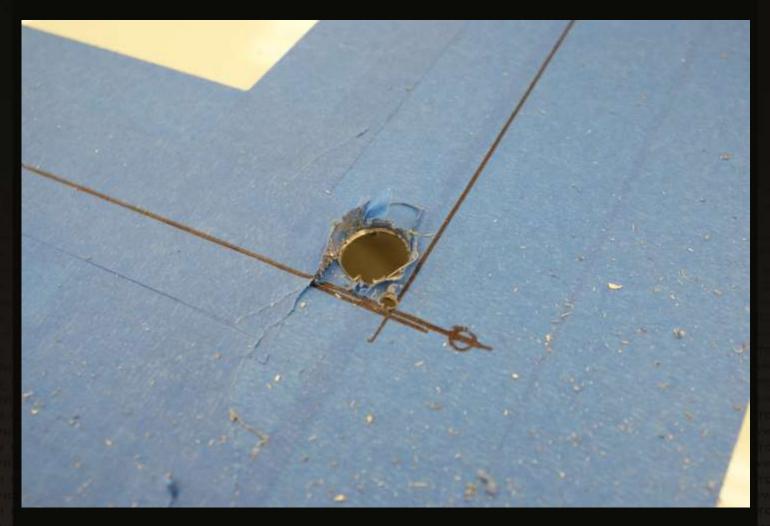
PREPARING THE CUT Using a step bit drill two holes roughly ¾" in diameter, one in the front, one in the rear. This hole will allow for your blade to easily penetrate the roof and make the cut easier.



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STEP 3: PREPARING FOR THE CUT

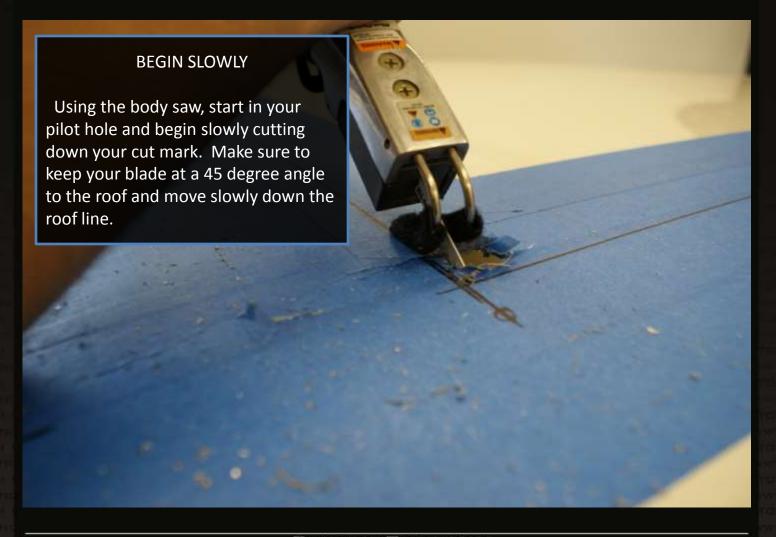




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STEP 4: THE CUT

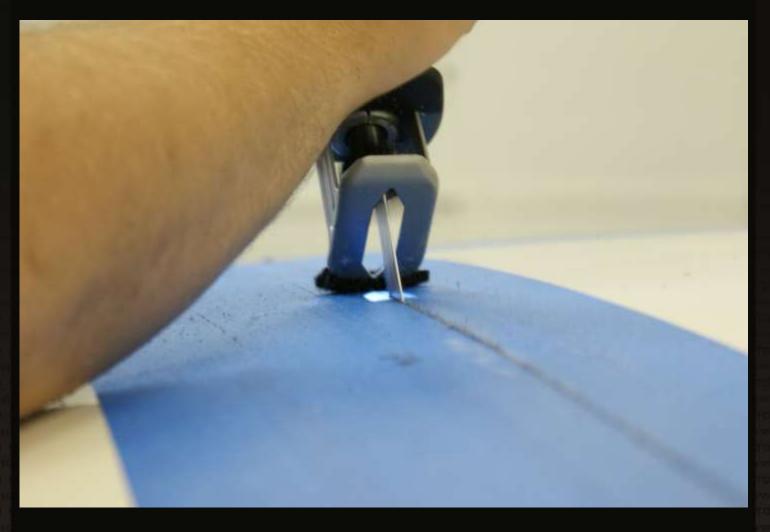




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STEP 4: THE CUT





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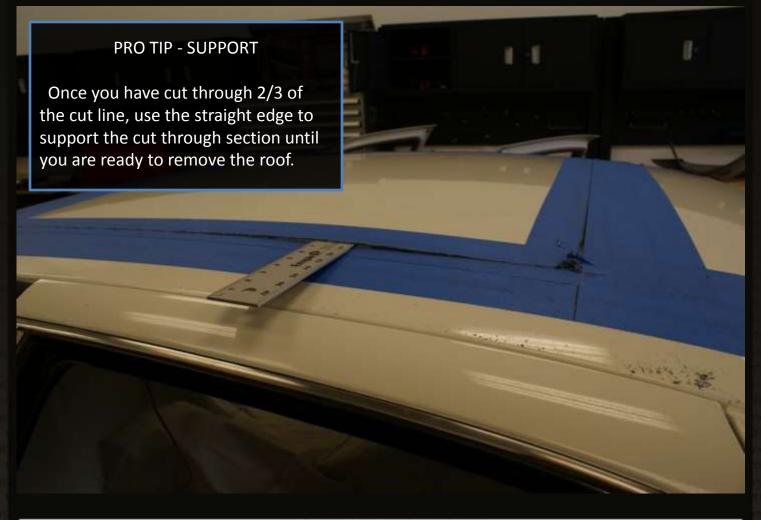




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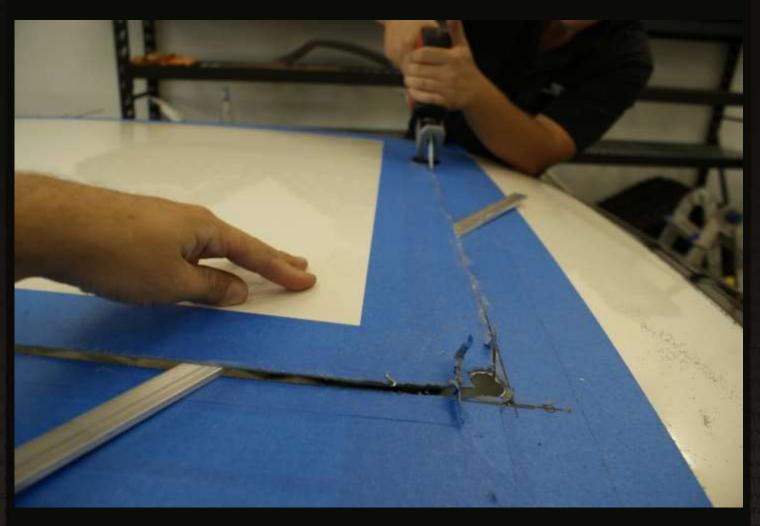
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STEP 4: THE CUT





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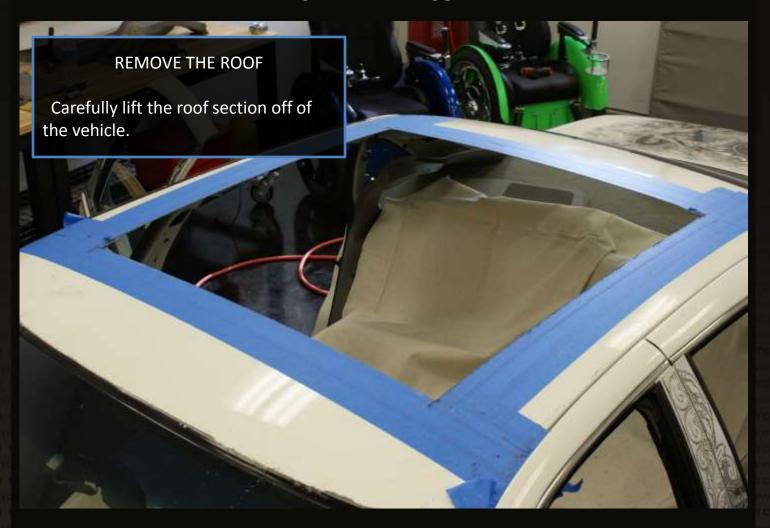




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STEP 4: THE CUT

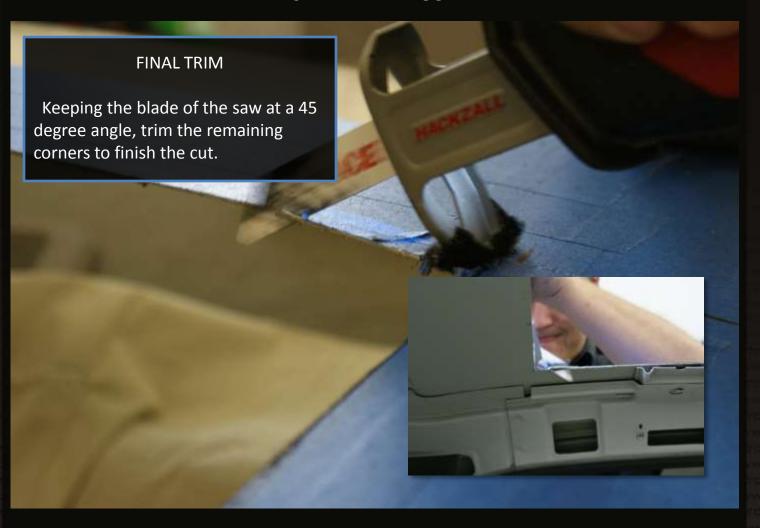




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STEP 4: THE CUT

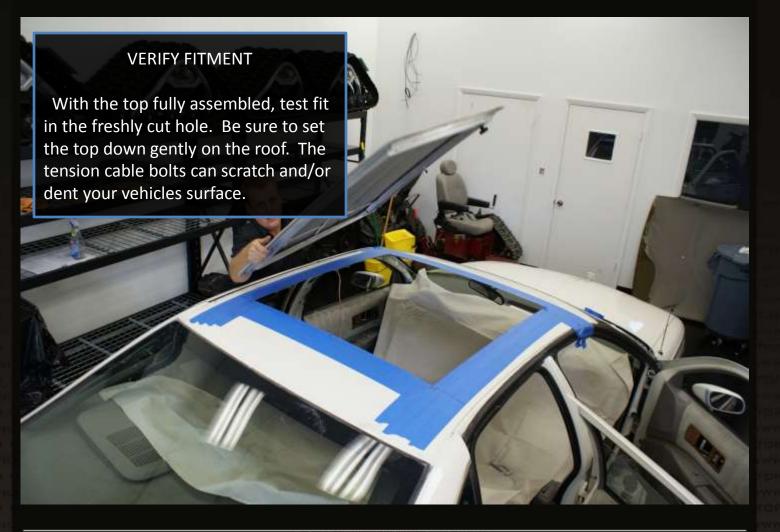




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STEP 5: TEST FITMENT





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STEP 6: TOP DISASSEMBLY



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STEP 6: TOP DISASSEMBLY





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STEP 6: TOP DISASSEMBLY



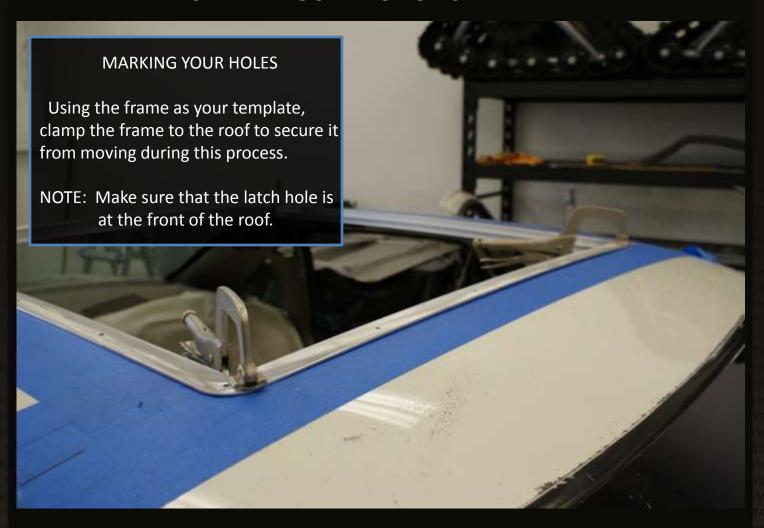
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STEP 7: MOUNTING HOLES TEMPLATE





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STEP 7: MOUNTING HOLES TEMPLATE





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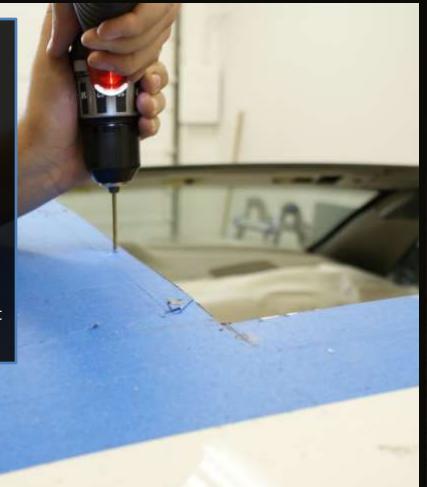
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STEP 8: DRILL THE MOUNTING HOLES

DRILL PROCESS

Remove the rag top frame from the car. DO NOT try to drill through the frame as a guide template. This will effect the clinch stud installation process and damage the frame, rendering it useless.

Start by using a 1/8" drill bit and drilling pilot holes at each location marked. Follow this with a ¼" Drill bit for the final hole size. A 3/16" hole is required, but by going slightly larger it makes the final assembly easier.

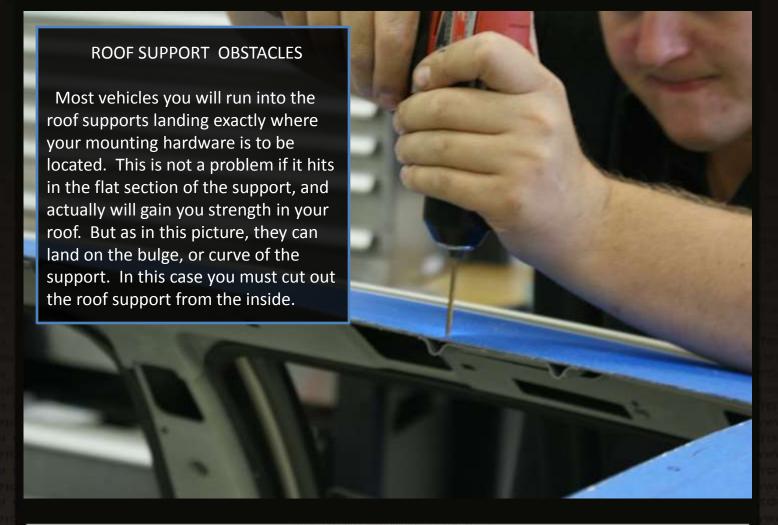




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STEP 8: DRILL THE MOUNTING HOLES





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STEP 9: ROOF SUPPORT REMOVAL

VEHICLE PROTECTION

Being very careful move your canvas drop cloth to the outside of your cut hole, except for the side you will be cutting. Tape the drop cloth to the roof to ensure it from slipping back down into the car. Remember, it is full of metal shavings from the cutting and drilling. Take your time and always fold it into itself when you are working inside of the vehicle.

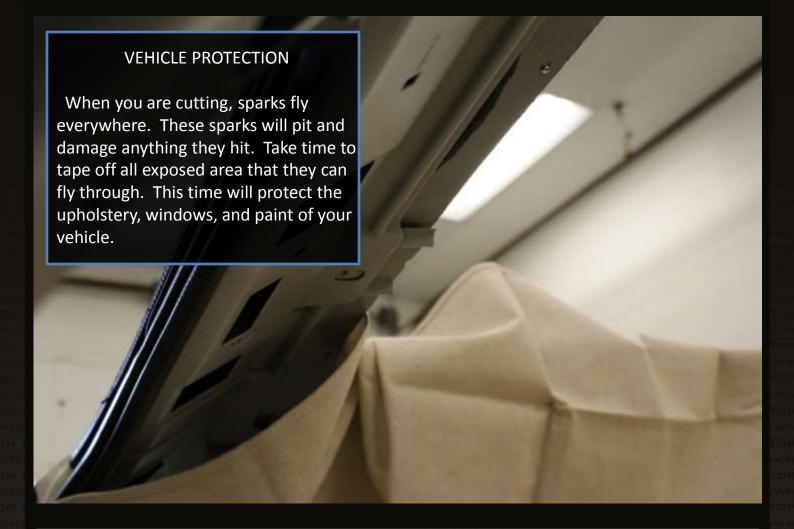




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STEP 9: ROOF SUPPORT REMOVAL





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STEP 9: ROOF SUPPORT REMOVAL





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STEP 9: ROOF SUPPORT REMOVAL

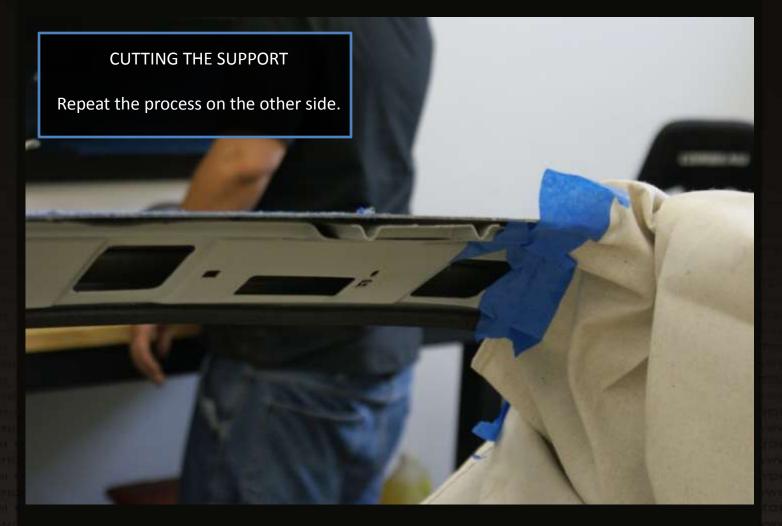
CUTTING THE SUPPORT VERY slowly make small passes with the cutting wheel until the support is cut through. This is one of the most critical times to take your time, a slip up can cut a slice in your roof skin that the frame will not cover. Using a razor blade cut away the adhesive foam to remove metal support.



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STEP 9: ROOF SUPPORT REMOVAL

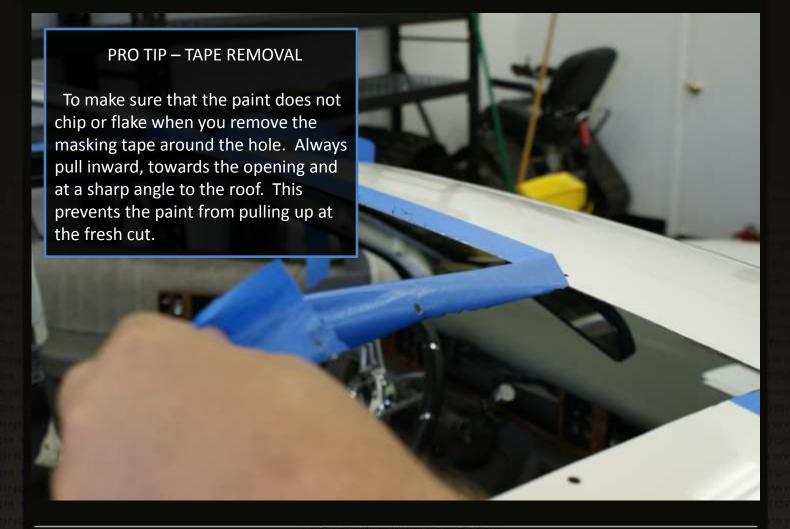




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STEP 10: PREPARE FOR ASSEMBLY





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STEP 10: PREPARE FOR ASSEMBLY



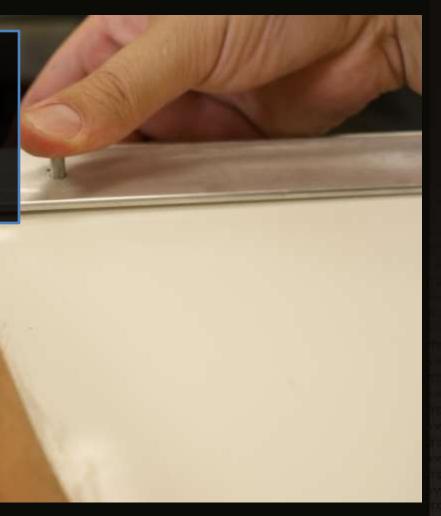


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STEP 10: PREPARE FOR ASSEMBLY

PRE-ASSEMBLY

Before you can fully install your new sliding ragtop, you must first preassembly the frame to mark the headliner and test your mounting holes.

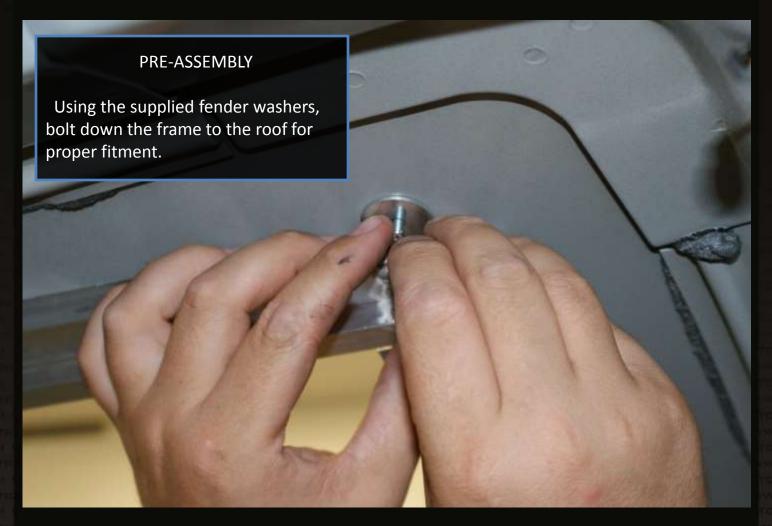




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STEP 10: PREPARE FOR ASSEMBLY

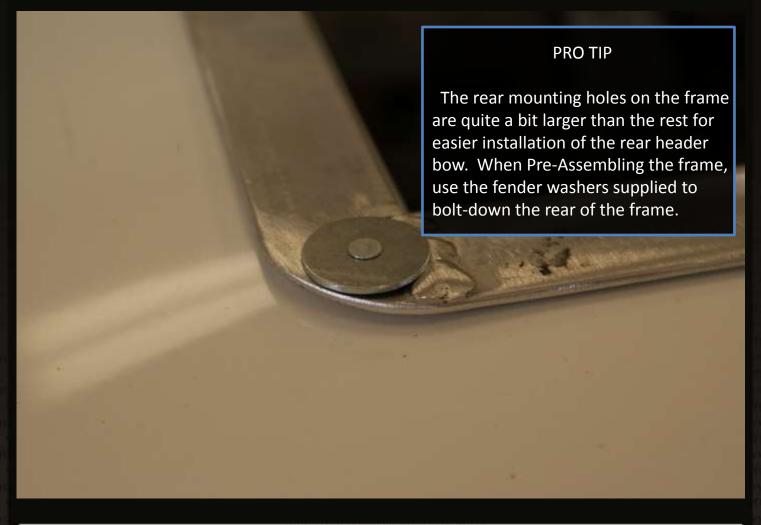




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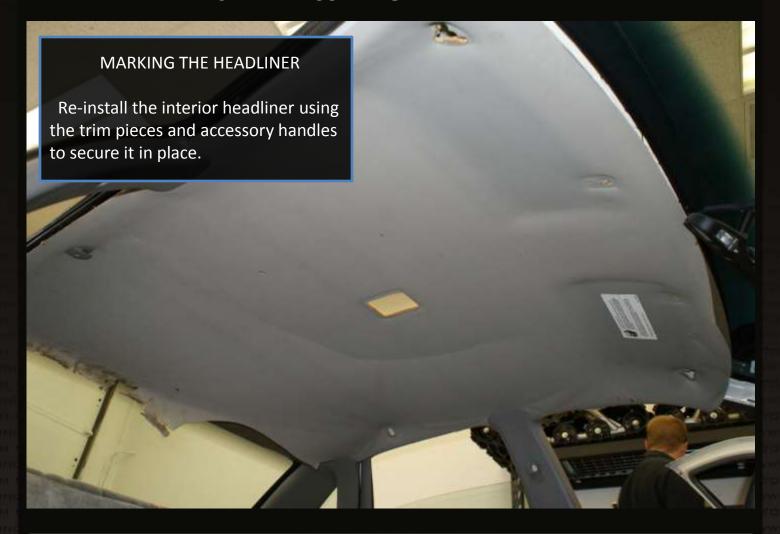




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STEP 11: CUTTING THE HEADLINER





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STEP 11: CUTTING THE HEADLINER





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STEP 11: CUTTING THE HEADLINER

PRO TIP - FLUSH INSTALLATION If the headliner has extra thick foam areas, like the caprice, you will have to trim back 1 1/2" of that area from the cut line to allow for a flush installation to the frame. DO NOT cut that area all the way down to the upholstery, just trim the excess foam away.

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STEP 11: CUTTING THE HEADLINER

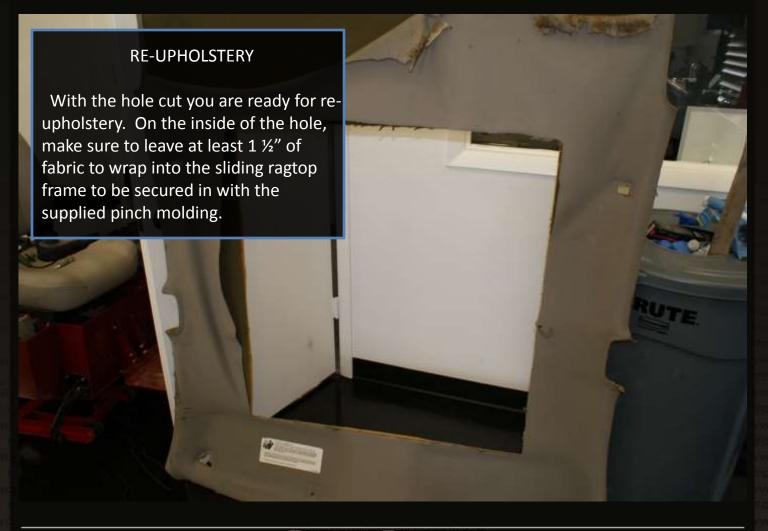
MAKING THE CUT A sharp utility knife will go right through the hard foam surface. Take your time and make sure that you are cutting through both the foam and the upholstery.



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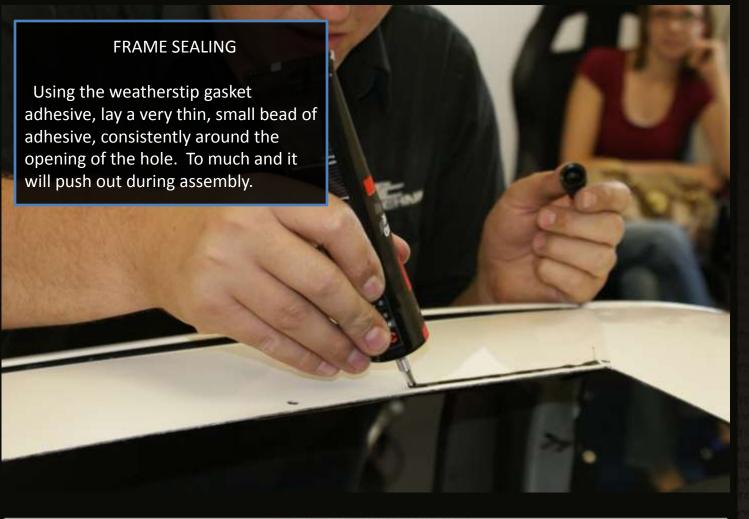
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STEP 11: CUTTING THE HEADLINER





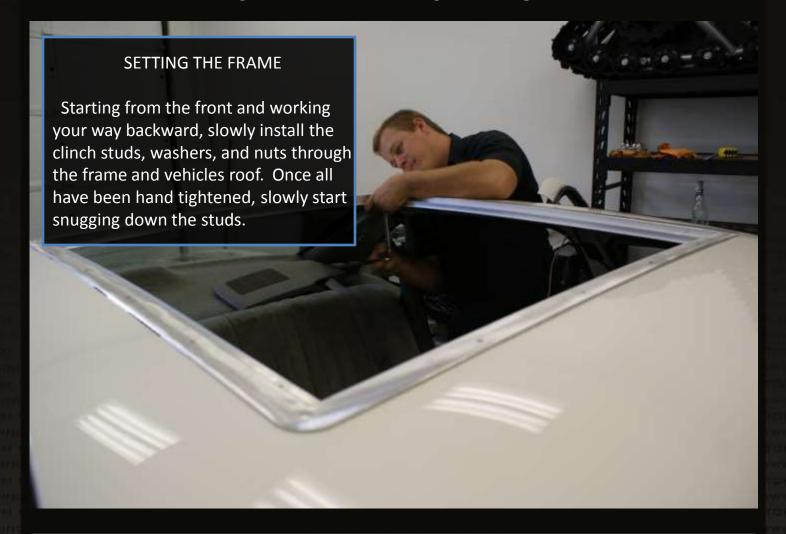
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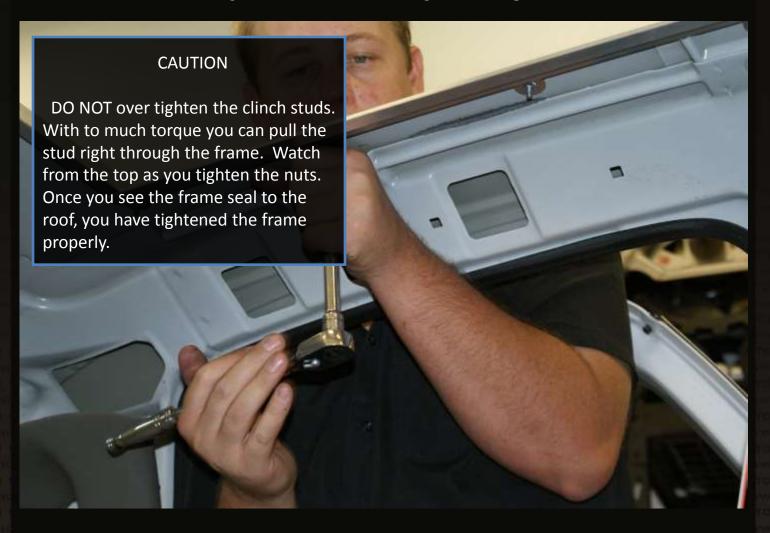
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STEP 12: FRAME INSTALLATION

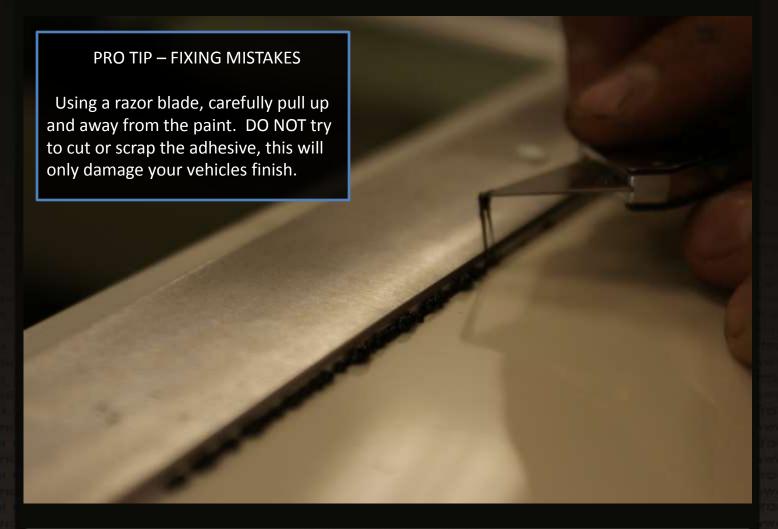
PRO TIP – FIXING MISTAKES

Even when you are very careful in trying to not put to much gasket adhesive, it still can ooze out of the frame. Let the adhesive start drying, test it every 15 to 20 minutes. Once it has set, you can slowly remove the excess from the vehicle.



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STEP 13: TOP INSTALLATION





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STEP 13: TOP INSTALLATION

TENSIONER HOLES

Place the top inside the installed frame. Slowly place the rear header bow into it's rear frame holes. Top header bow will not go all the way down. Once positioned properly, slightly press down on the corners transferring the paint on the tensioner stud to the vehicles roof. Now using a 3/8" drill bit, drill the required two holes for the tensioner stud to go through.





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STEP 13: TOP INSTALLATION

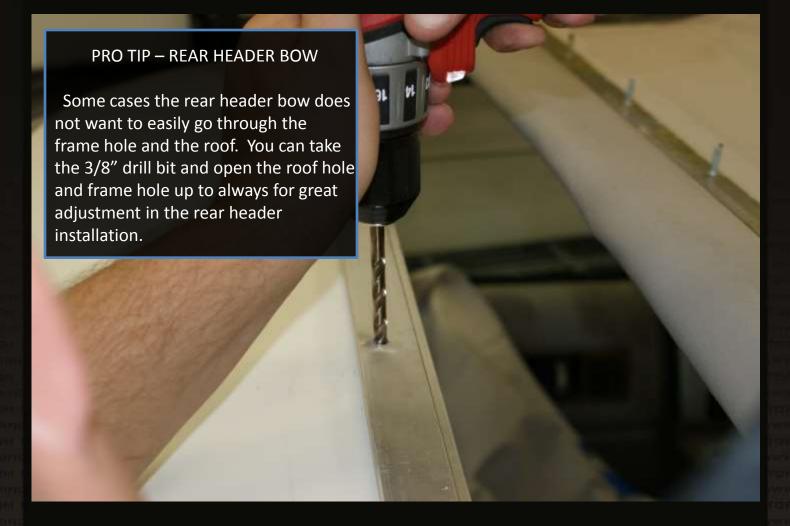




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STEP 13: TOP INSTALLATION

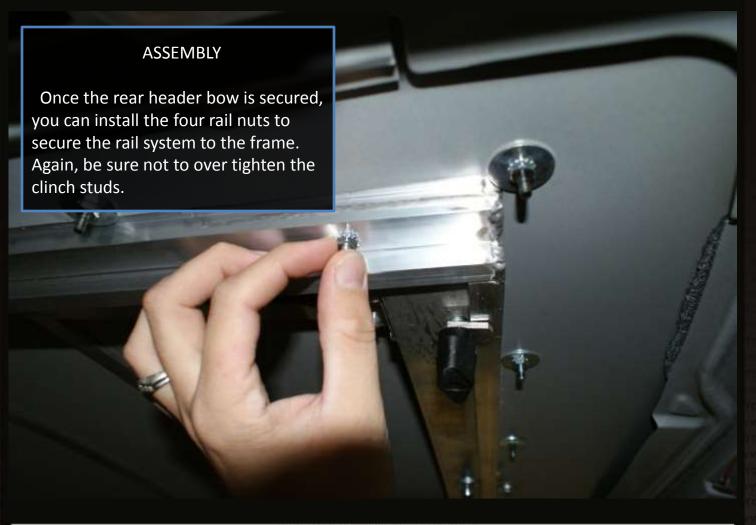




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STEP 13: TOP INSTALLATION

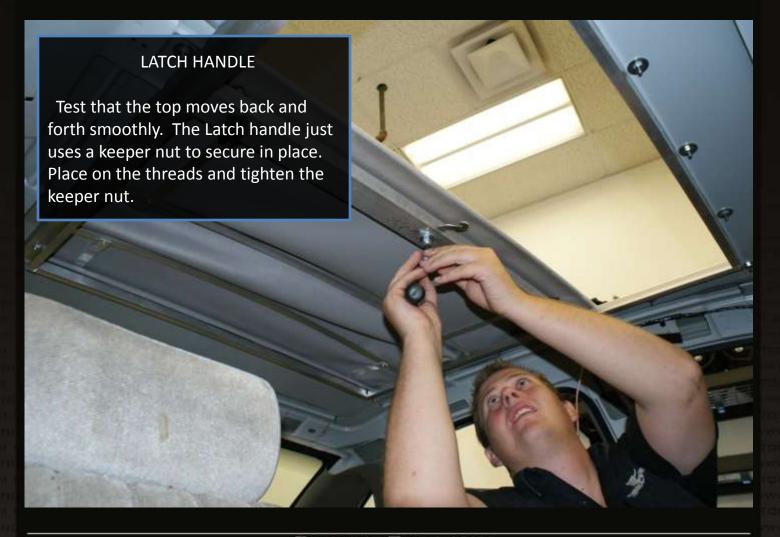




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STEP 14: HANDLE INSTALLATION





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STEP 14: HANDLE INSTALLATION





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STEP 15: TENSIONER STUD WEATHER SEAL



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STEP 15: TENSIONER STUD WEATHER SEAL





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STEP 15: TENSIONER STUD WEATHER SEAL

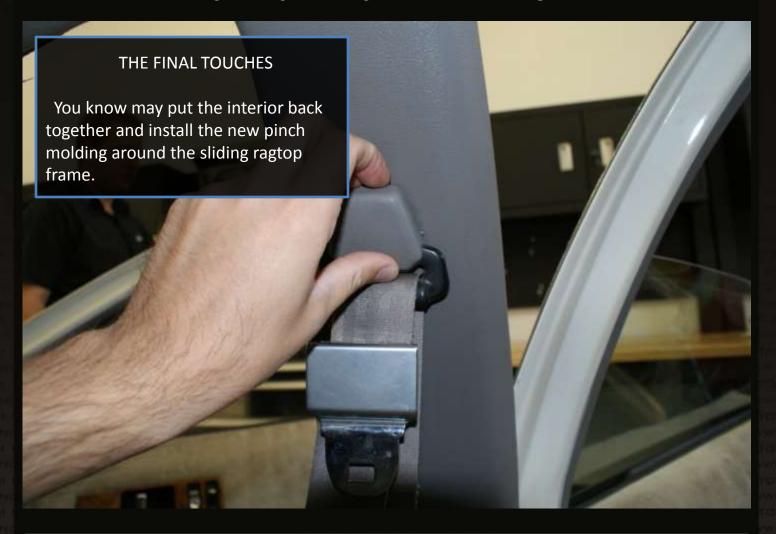




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STEP 16: RE-INSTALL THE INTERIOR





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FINISHED PROJECT

