










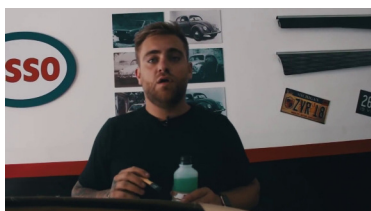
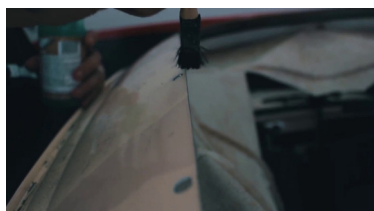
Ragtop Installation – VW Beetle and Bus

<p>NEEDED FOR YOUR PERFECT INSTALLATION. CONTAINS:</p> <p>CARBON STEEL FRAME WITH LOCK AND TAPESTRY OF INTERNAL SUPERTES</p> <p>SET OF TRACKS IN ALUMINUM AIRCRAFT</p> <p>GAME CORNER CASTINGS IN ALUNINIO</p> <p>Visco elastic RIBBON FOR ISOLATION OF MOISTURE BETWEEN THE BODY AND ALUNINIO.</p> <p>SET OF NUTS AND WASHERS PARAFUZOS</p> <p>GALLON INTERNAL FINISHING THE TAPESTRY</p>	<p>TOOLS AND APPLICATIONS NEEDED FOR A PERFECT SETUP:</p> <p>A drill</p> <p>A model jig.saw or cutting disc</p> <p>01 high speed steel drill of 08 mm</p> <p>01 high speed steel drill of 04 mm</p> <p>Tube 01 contact adhesive</p> <p>01 wrench or combination of 08 mm</p> <p>02 pliers pressure of any size</p> <p>Phillips 01 average</p> <p>01 pen or pencil</p> <p>01 Stiletto</p> <p>After gathering the necessary tools to let the first step:</p>
	<p>REMOVAL OF INTERNAL LINING VEHICLE</p> <p>Put your vehicle in a broad area, so that it can stay with the doors fully open. Remove the front seat, and wipe the surface of the ceiling to remove dust or debris that may scratch the surface.</p> <p>In the case of cars with inner lining of fabric: remove the internal ribs so that the fabric is fully released.</p> <p>In the case of cars with rigid internal lining: disassemble and remove the inner lining.</p> <p>After isolating the inner lining of the roof of the car go to the second step:</p> <p>MARKING THE AREA TO BE INSTALLED IN THE VEHICLE ROOF SOLAR</p> <p>Use the actual chassis of the sunroof which goes inside the car as a template, only reversing the ends of the screws so that the chassis is along the roof of the vehicle.</p>
<div></div>	<p>Check the measure of the distance of the rear of the roof and of the side of the roof in the rear, both sides must be equals. You have to do the same in the front of the car. Attach the template with a tape.</p> <p>Make sure that the measurements are the same side on both sides</p> <p>After labeling, ensure once again that the marking is correct, so there are no errors in the holes and cuts.</p> <p>Use the tape to close the holes in the template, so that when you drilling the template, this tape will protect against the possible hitting of the drill in the template by accident.</p> <p>Use a pen to make a mark in the internal part of the template; this is the part that will be cut.</p> <p>Make all holes.</p> <p>Take the template off and start to cut the metal.</p> <p>Set on top of the car so that the inner cutting is at least 22 cm (Beetle) in distance from the windshield.</p> <p>For roofs with extended 18cm</p> <p>For van with 07 cm column after the front door, or after the air outlet.</p> <p>Then make sure that this feedback centered on the roof of the car.</p>



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CUTTING THE CEILING OF THE VEHICLE

Using the drill and drill 04mm, do the holes indicated by the markings, then increase the holes using the drill of 08 mm.

After all the holes, remove the template and begin to cut the roof, if using a drill-type jigsaw, drill a hole with the drill bit 08 mm near the lines, to enter the mountains.

In the case of most modern cars it can be some kind of internal cross, which at some point require a higher pressure of the saw to be cut.

After you start the cuts ask a help from a friend to hold the roof part to be removed in order to ensure that it leaves the ceiling to come out gradually during the cut. Or puncture the lining of the vehicle.

After that you need to apply anti-rust on the cut metal in the car and wait to dry.

CUT OF THE INTERNAL LINING

In the case of cars with internal lining fabric: cut a square on the fabric 20 cm lower than the cut of the roof, so that it can be pasted later, reusing the same material. (For a perfect finish, it is advised the help of a professional, for this type of lining)

After you glue and cut the exceeding the vinyl in the chassis, the person inside the car will start the fourth step.



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INSTALLATION OF CHASSIS TO SUN ROOF.

Install the part of the Slot outside the car and screwed with 4 screws that stay inside the car. install and lock the latch support wall hanging in front of the chassis

With the help of a friend, attach the chassis built under the roof of the car, fixing it temporarily with pressure or with clamps for screws and nuts, aligning, so that all the holes, both the chassis and the roof of the car, fit perfectly.

Now begin to fit the aluminum rails, starting from the front, where you will fix the rod that move by opening and closing the sunroof cap.

Once attached to the front put the front corners, and goes to the sides, which should have their spindle positioned to pass without much effort through the holes in the chassis. Before attaching the sides completely, attach the front corners on them, so they are perfectly adjusted. Finally, place the dish back and their angles.

The tightening of the screws should be uniform, always starting from the middle to the ends of the pieces.



First, extend above the cover will open the car, attach the back of screw 04 with its cover so as not to press much (preferably only the hands).

Thereupon, the sliding plastic insert, properly co Vaseline smeared within the side rails, which should be smeared with Vaseline, by a small brush, bringing back side and the other forward, until the two are engaged, the Similarly with the greatest runners in front of the roof.

After all slides inserted on track, make sure that the trigger is in the open position, the roof run forward. Turn the latch to the lock position, this time the back of the roof will tend to fit, running slightly forward, from this moment go back and tighten the remaining screws 04 on the back of the roof, but remember there is no need to press much to avoid deformation at the rear of the sunroof.

For the first close the sunroof, there is a need for some effort, then it tends to close more light and effortless.








To adjust the tension of the sunroof open just more forward or rearward past the 04 screws holding the top of the roof.





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VW Bus measures

  	<p>Front distance</p> <p>in the center</p> <p>108cm</p>
 	<p>Rear distance</p> <p>in the center</p> <p>88,07 cm</p>
 	<p>Ragtop chassi X end side</p> <p>25,5cm</p>



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VW Bus Ragtop internal view

