

CORVETTE WINDRESTRICTOR® C6 INSTALLATION GUIDE

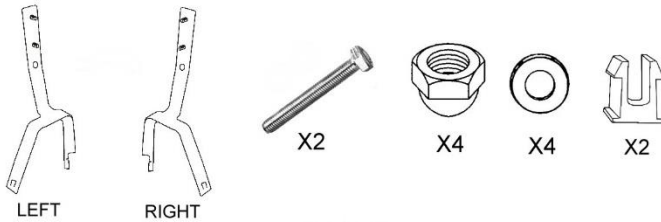
*illuminated version- optional brake lamp or running light power
(if you have any of the upgraded modules please refer to additional insert)*

*****If you have accessories or modules*****



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Windrestrictor Kit Contents



PLEASE, refer to the insert with the wiring Diagram BEFORE wiring. This insert Supersedes original wiring instructions.

Installation Tools Required

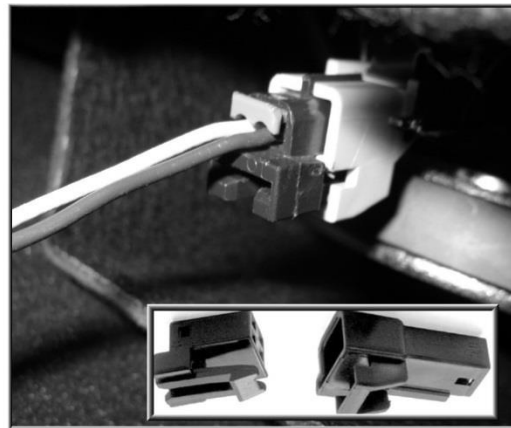


STEP 1

Type in this address to view complete installation video <http://www.youtube.com/watch?v=wEPfQHQA018>



Remove the rear panel behind your seats so that you can gain access to the carpet seams below this panel. It is held on by 4 fasteners. 2 on the bottom and 2 on the top. There are also 2 plastic rivets on the far sides but they are just wedged into place and easily removed.



Disconnect the speaker plugs on the bottom of the panel so that you can remove the panel. There is a small clip on the bottom of the plug that has to be pressed in order to disconnect. We used a simple allen wrench to press this lever because of it's awkward position.

STEP 2



At this point of the installation it will help if your seats are in the forward position.

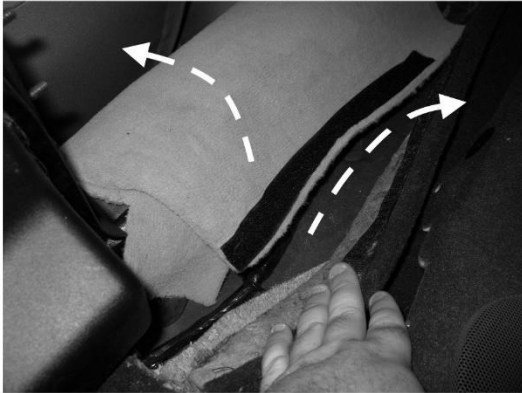


Remove the cover panel that the seat belt runs through. This cover is held on by 1 rivet and 1 clip inside the cover. If you lift the plastic flap on top of this cover you can see the clip you have to remove. You can now lay this panel in the seat out of the way. Perform this step on both the passenger and driver's side.

STEP 3

Pull back carpeting and foam liner temporarily so that you can have access to the frame to mount brackets. It's held in place with velcro and is easily put back in place after brackets are mounted. Repeat step for opposite side.

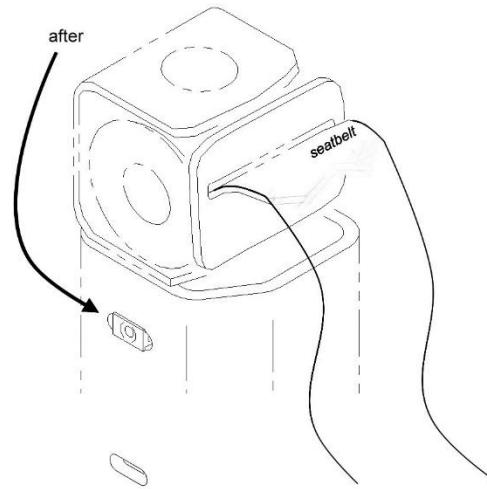
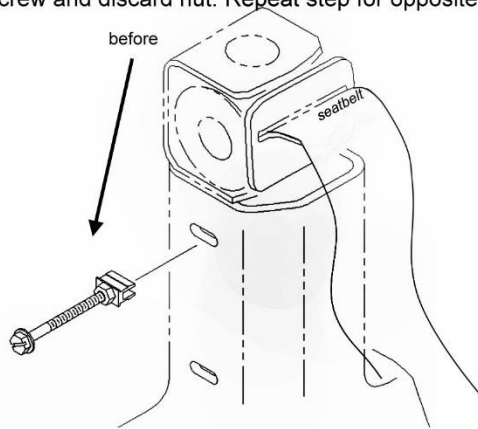
Here is the seat belt column that we are going to illustrate closer in the next steps. This also shows the carpet pulled back.



STEP 4

Tap in anchor with a small hammer into middle of upper slot on column. Loosen nut and remove screw. Take nut off of screw and discard nut. Repeat step for opposite side.

Anchor should be mounted into place as in this diagram. Please see video for more illustration or further clarification.

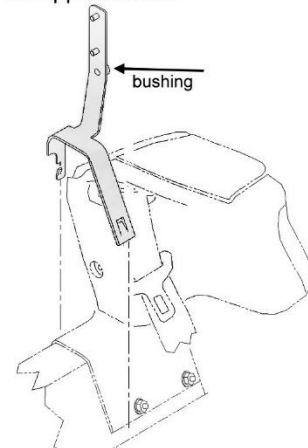
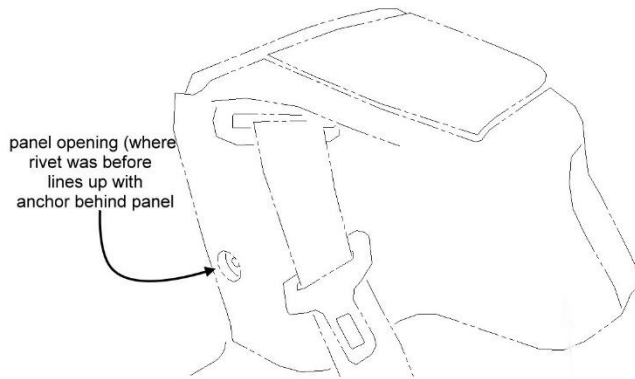


STEP 5

Reattach cover panel. Insure that the hole for rivet is lined up with the new anchor that you mounted. We will place a bolt through this hole in a future step. Repeat step for opposite side.

STEP 6

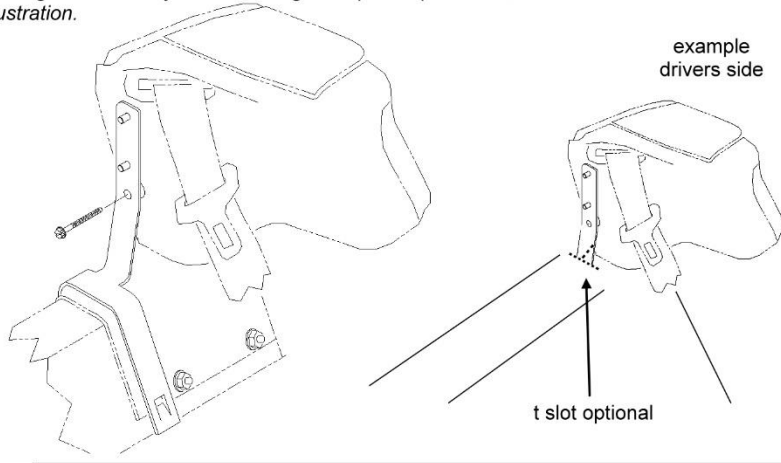
Snap in mounting bracket as shown and align bushing with hole in cover panel. To insure proper alignment you may have to lightly tap mounting feet in an outboard direction until bushing correctly lines up with hole in panel. Repeat step for opposite side.



If your panel does NOT have the above holes, please refer to the technical videos section on our website for a brief explanation of this step.
 "Quick Fix for C6 Corvette Panels"
<https://www.youtube.com/watch?v=qGhE-kdmviE>

STEP 7

Install mounting screw. Note, screw will feel tight when screwing it in because it is opening the jaws of the mounting grip of the anchor. It will stop at approximately 14 turns as bushing on mounting bracket is pulled securely against bottom of hole in cover panel. Be careful not to over tighten as it may cause damage to plastic panel. See video for further illustration.



STEP 8

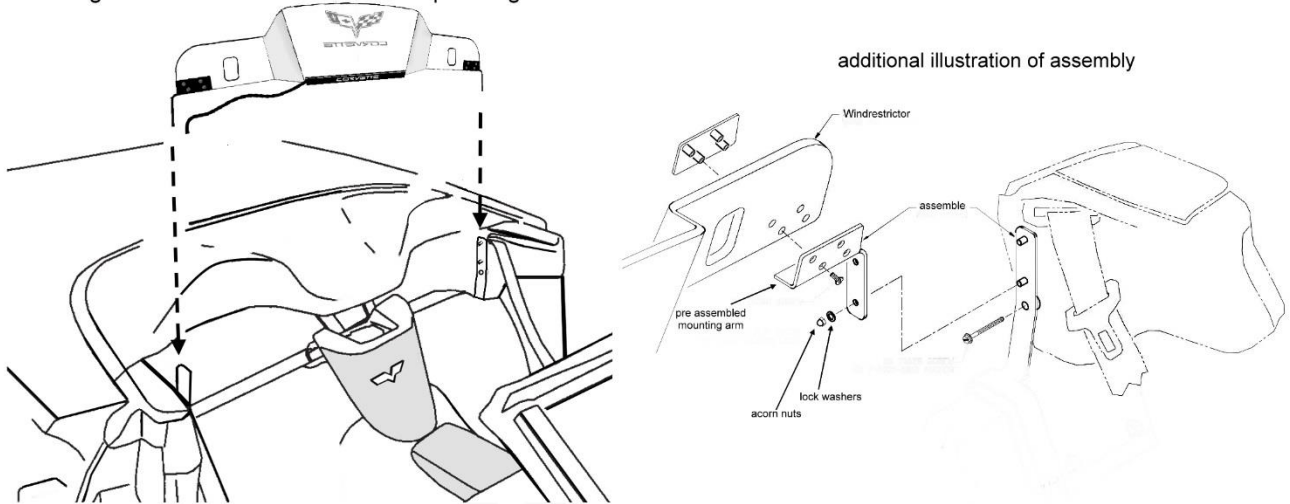
Cut a small T slot (optional) so that the carpet will fit snug around the new bracket you have installed. Lay carpet over the bracket to determine the location of slot. Make sure the slot is in the shape of a T so that the carpeting folds behind the bracket nicely. Leave the passenger side carpeting pulled back a bit to run harness under in Step 11. Replace carpet back to normal and tuck under panel.



STEP 9 Replace the rear speaker panel back to it's original position.

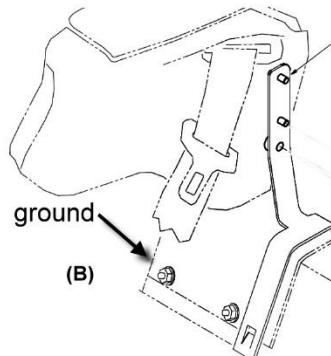
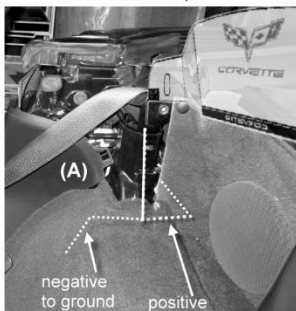
STEP 10

Fasten Windrestrictor® into place with the 4 Acorn nuts and 4 lock washers provided. Bent 3D surface of product should go to the front of car allowing for full top and tonneau cover movement once installed. See video for additional illustration if needed. The wiring harness should come off to the passenger side of the roadster.



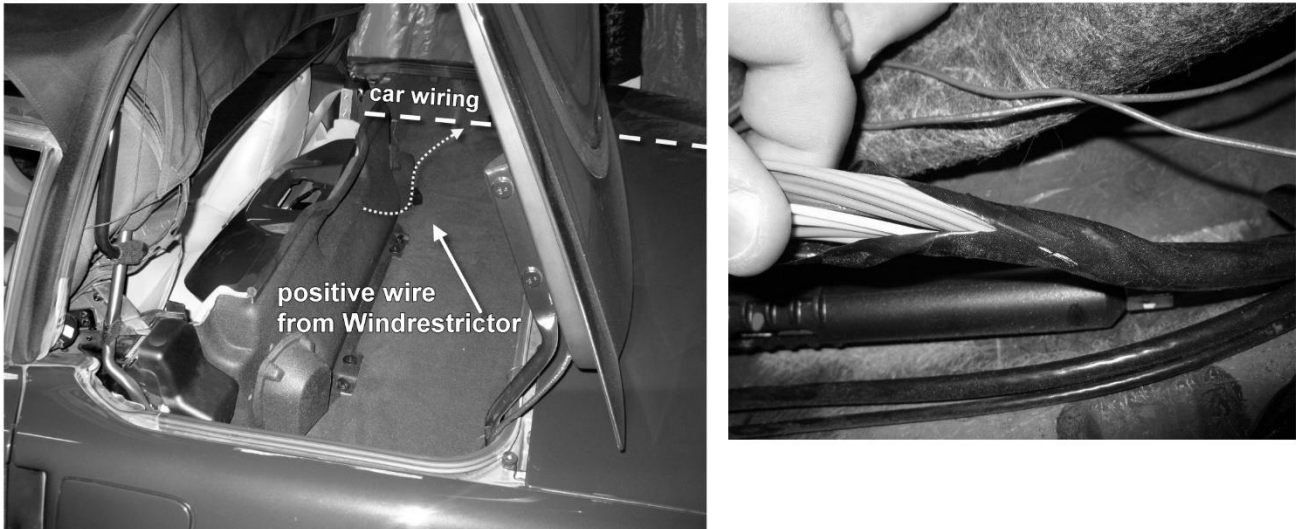
STEP 11

As in this illustration below, run the wiring harness down under the carpeted area right next to the mounting bracket (A) on the passenger side. With the basic lighting you will have 2 wires. Ground the black wire with no writing on it under either one of these bolts (B). Then run the other black wire back around the rear panel and directly behind the carpeting seen in (C). This side carpet is held in place by one small screw grommet. When you pull the carpet back you will see the wiring harness that we need in the next step.



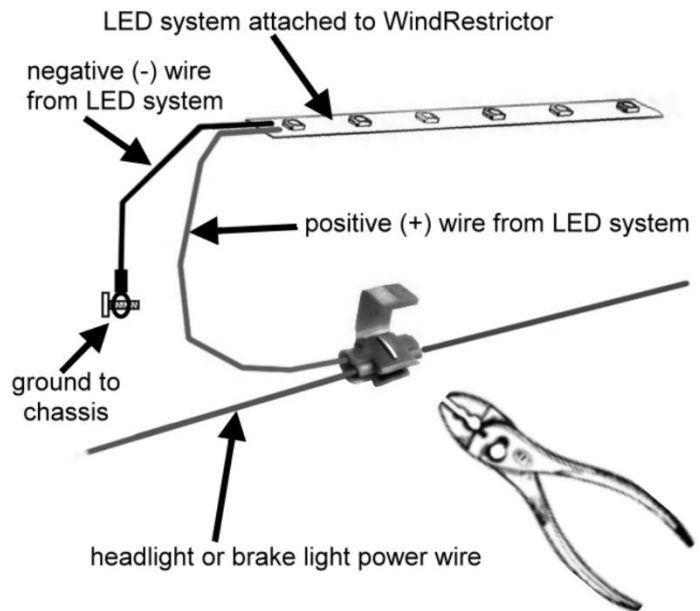
Step 12

Now it's time for you to connect the power wire that will give your product illumination. Peel the harness cover back. Hook the positive wire from Windrestrictor to one of the following wires. Blue wire will produce lighting when you apply pressure to your brake system. The thicker brown wire will give you power when your running lights or head lights are on. If you have any of the upgraded lighting accessory modules please refer to the module specific insert that should be in the box. See illustration provided on how to clamp wire to get power. As long as you have grounded the product very well and connected to the power wire properly you should now get illumination to your product. The lighting will best be seen at night or in shaded areas, not in direct sunlight. If you are testing the product simply turn your headlights on if you tapped into the brown wire or turn on your car and press the brakes if you chose the blue. Please contact us if you would like to add a dimmer module or any of our other upgraded modules. *** Please note that there are two brown wires and the one we refer to for running lights is thicker and just a shade lighter too.



Place the positive wire from Windrestrictor (black wire with writing on it) into the vampire clamp and slide all the way through until it stops on the opposite side of entry.

Then, place the other side of clamp over the wire you choose for power and make sure it's all the way in the clamp like in this illustration. The metal piece in center of clamp is going to bite down into the wires connecting them. Use pliers to perform this step and make sure the metal piece is clamped down good then flip the cover over.



STEP 13

Be sure to hide wires out of the way of any levers and place carpet back into its original position. There should be no loss of seat travel at all and your convertible top will be able to maneuver up and down with no problems. If you are a very tall driver and have your seat all the way back to its furthest most position your seat may rest against the Windrestrictor. Our product has been tested for stability at over 120mph but we do not recommend you drive that fast ever! Enjoy turning lots of heads with your brand new illuminated Windrestrictor!

King Penn Industries Inc. Installation assistance 972-487-5987 or Info@windrestrictor.com