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CADILLAC XLR

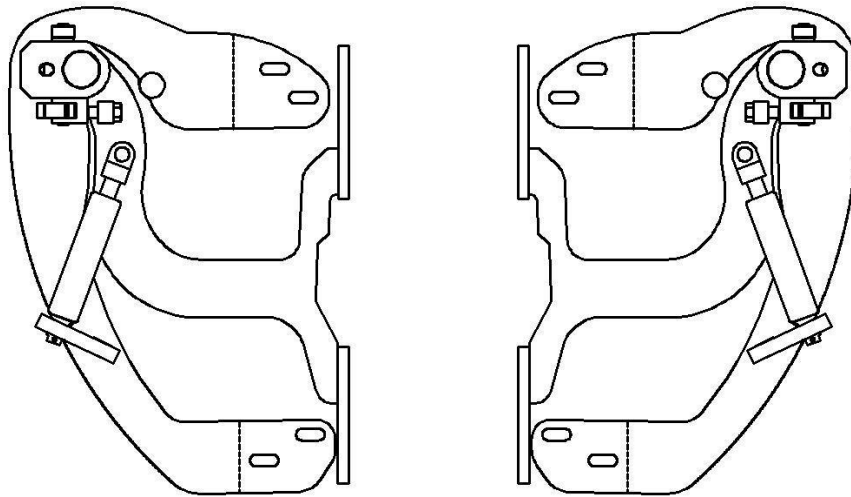
U.S. PATENTS

#6,808,223; #6,845,547; #7,140,075; #7,059,655

PATENTS AGGRESSIVELY ENFORCED!

**PLEASE CAREFULLY READ ALL INSTRUCTIONS BEFORE
ATTEMPTING TO INSTALL THIS PRODUCT.**

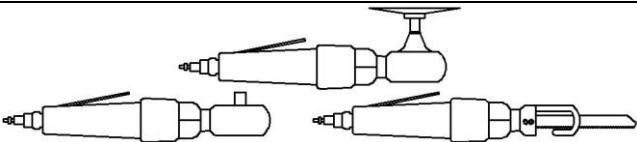

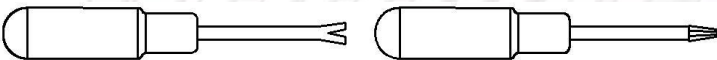


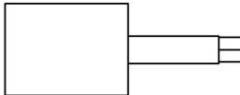
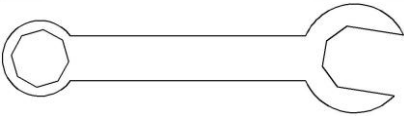
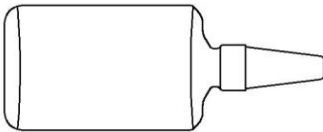
**FOR QUESTIONS PLEASE
CONTACT US AT (951) 245-8669**



THIS KIT INCLUDES:

- 8 M8-1.25X40MM BOLTS WITH WASHERS
- 8 M8-1.25X30MM BOLTS WITH WASHERS
- RIGHT AND LEFT HINGE ASSEMBLY
- WIRE LOOM
- 2 SHOCKS 565 PSI
- 2 SHOULDER BOLTS WITH WASHERS
- 2 PINS

TOOLS REQUIRED FOR INSTALLATION:

	➤ AIR RACHET, GRINDER AND CUTTER.
	➤ 7MM, 8MM, 10MM, 11MM, 13MM, SOCKETS AND EXTENSION.
	➤ FORK AND PHILLIP'S SCREW DRIVERS
	➤ SPACERS FOR THE DOOR GAP.
	➤ 3/16 ALLEN WRENCH
	➤ 1/4 & T15 TORX BIT
	➤ 9/16 WRENCH
	➤ LOCKTITE RED

OTHER TOOLS MAY BE NEEDED DEPENDING ON YOUR VEHICLE.

(Note: The pictures on the manual are for reference only they may not match your vehicle.)

1) Disconnect the battery.

2) Remove fender.

Remove plastic clips from the wheel well. Note: Your vehicle may have different size bolts or type of fasteners.

Loosen the front grill and all the bolts from the top of the fender.

Remove (2) 7mm bolts from the bottom of the fender.

Remove (1) 7mm bolt by pulling on the fender and removing the plastic or foam cover located by the factory hinges. Pull on the fender and use a long extension to remove the 7mm bolt.

You will have to remove the headlight by removing the 3 nuts under the headlight. After disconnecting the headlight wiring harness, you should be able to pull the headlight straight forward.



After removing the headlight, you will have to remove the screws and/or cut the factory clips holding the fender to the body of the vehicle.



To get to the last bolts/clips you will have to pull back on the weather strip at the bottom of the windshield as shown.



After removing all the bolts and clips from the fender you should be able to remove the fender with the help of your helper.

3) Mark factory door location

Make sure you mark the factory door location on the vertical and horizontal axis also mark the distance between the fender and the front edge of the door, this will make the aligning of the fender much easier.

After marking the factory door location secure the door to the body with 2" painters' tape.

Note: DO NOT REMOVE THE DOOR FOR THE BODY.

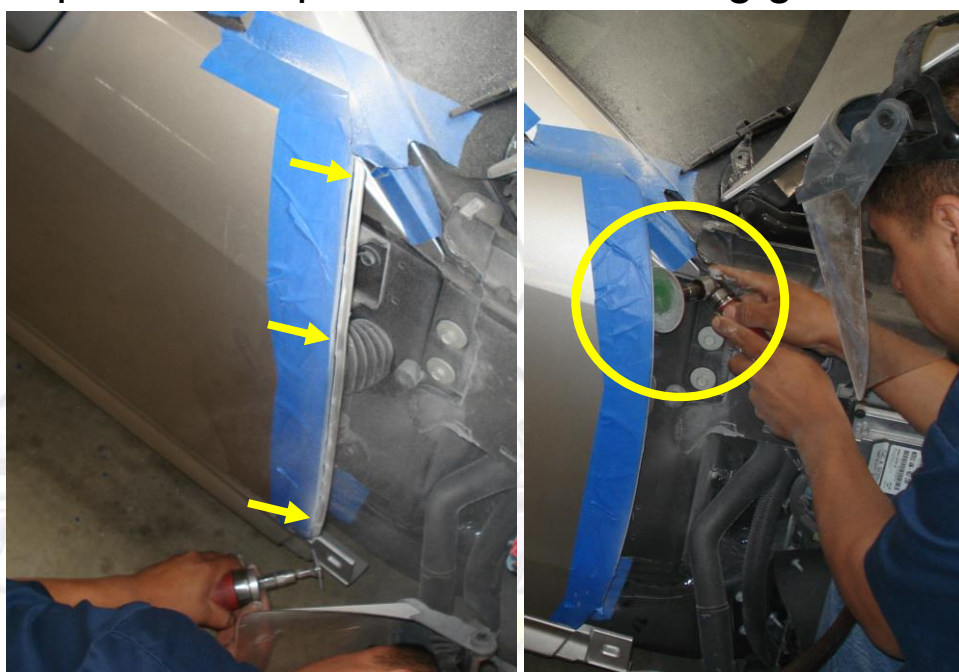


4) Modify the door.

You will have to cut the small front lip of the door as shown. Use painters' tape to protect the paint and as a cutting guide.

The idea is to cut the small lip just enough for the door to clear the fender without hitting.

Use a grinder to smooth out the cut and touch up paint to hide the cut.



5) Modify the apron:

In order for the VDI kit to work properly it must sit on a flat surface. Place a 3/8 spacer by the factory hinge holes and use straight edge to find all the places you will need to grind down in order for the kit to sit flat.



Note: grind the apron and bolts:

6) Modify location of windshield water reservoir.

On the Driver's side remove the clips from the mod guard this will give you access to the rear bolt of the reservoir. Remove the bolts from the bottle and also the bolt/clip from the reservoir inside the hood area



Use the enclosed bracket to move the bottle 1" back and a zip tie to secure it on the top factory hole.

Replace the mud guard.

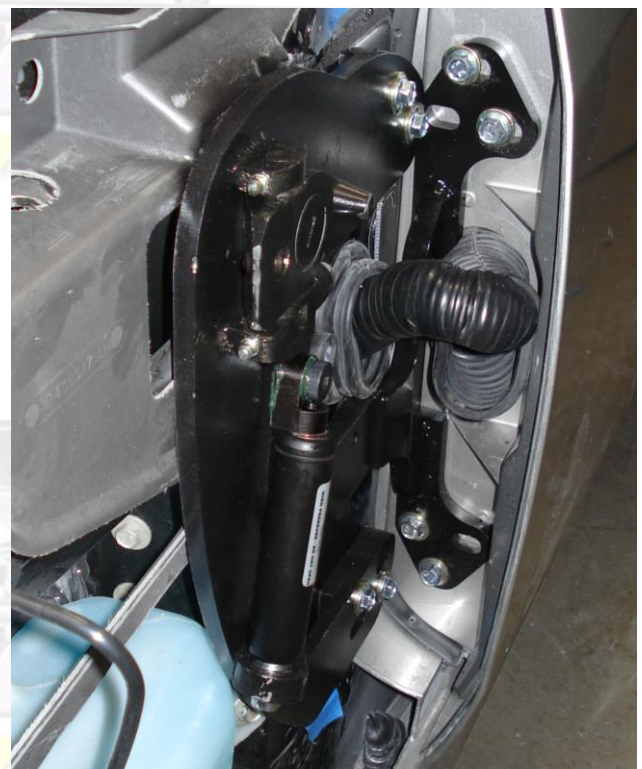


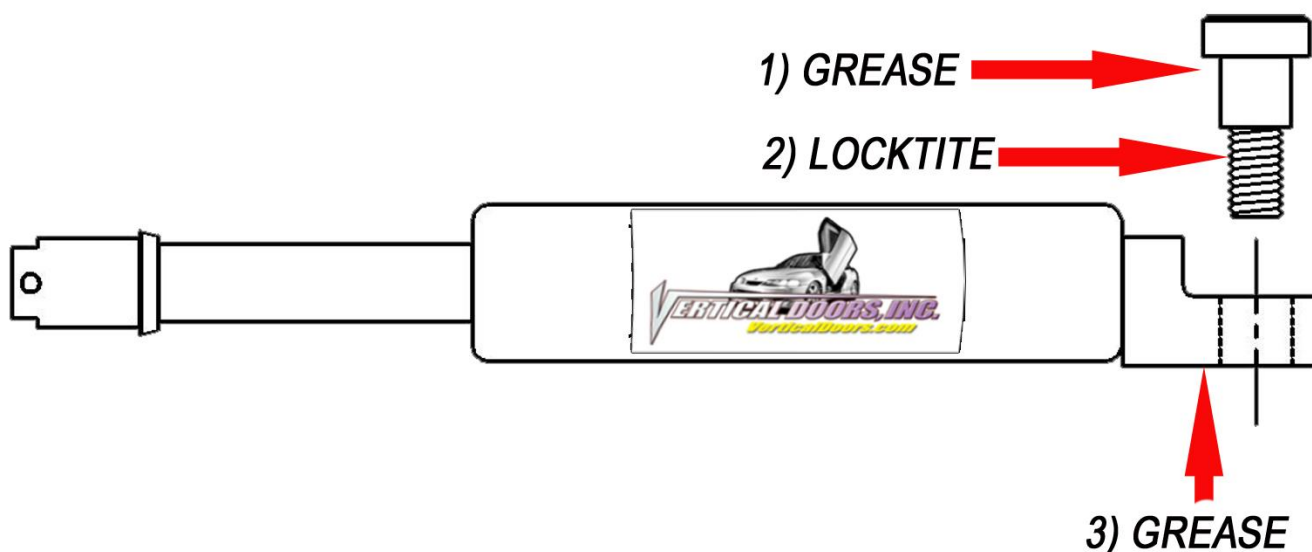
7) Install the new VDI kit.

You will have to cut the factory wire boot in half. (*Easier if you remove it from the vehicle and replace it once you are done cutting it.*) use the enclosed wire loom to protect the exposed wires.

Make sure the kit sits flat on the apron.

**Tighten the bolts on the door first then the bolts on the apron.
Open the door slowly and make sure everything clears.



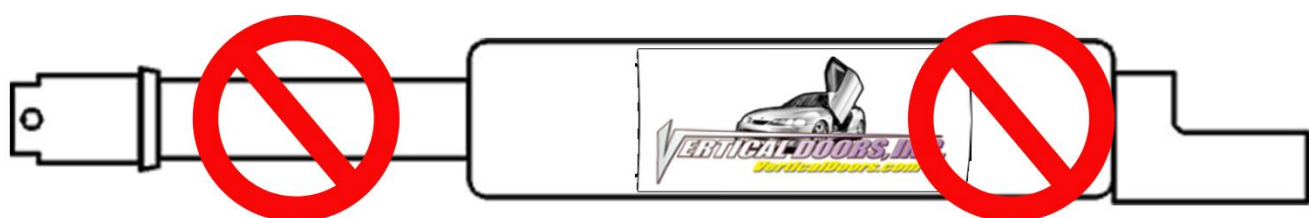


****IMPORTANT STEP: DO NOT SKIP THIS STEP. THIS STEP IS CRUCIAL IN YOUR INSTALLATION PROCESS, IF THIS STEP IS NOT COMPLETED WHEN INSTALLING THE VERTICAL DOOR KIT; ALL WARRANTIES ARE VOIDED, AND MAY CAUSE FUTURE PROBLEMS WITH YOUR VERTICAL DOOR SYSTEM.***

1ST, make sure you put grease on the body of shoulder bolt where the arrow is pointing.

2ND, make sure you put red Locktite, where the arrow is pointing, on thread of shoulder bolt.

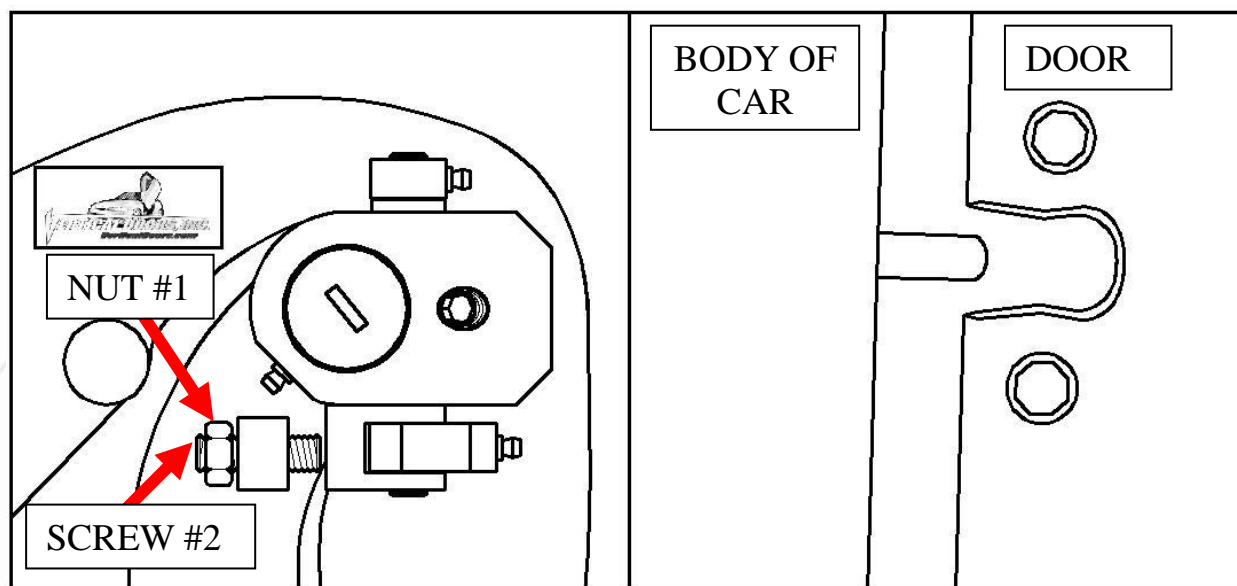
3RD, make sure you put grease on the bottom side of the shock end.



WARNING! THE USE OF ANY TYPE PLYERS, PAINT OR FOREIGN MATERIALS ON THE SHOCK'S BODY OR SHAFT WILL VOID THE WARRANTY.

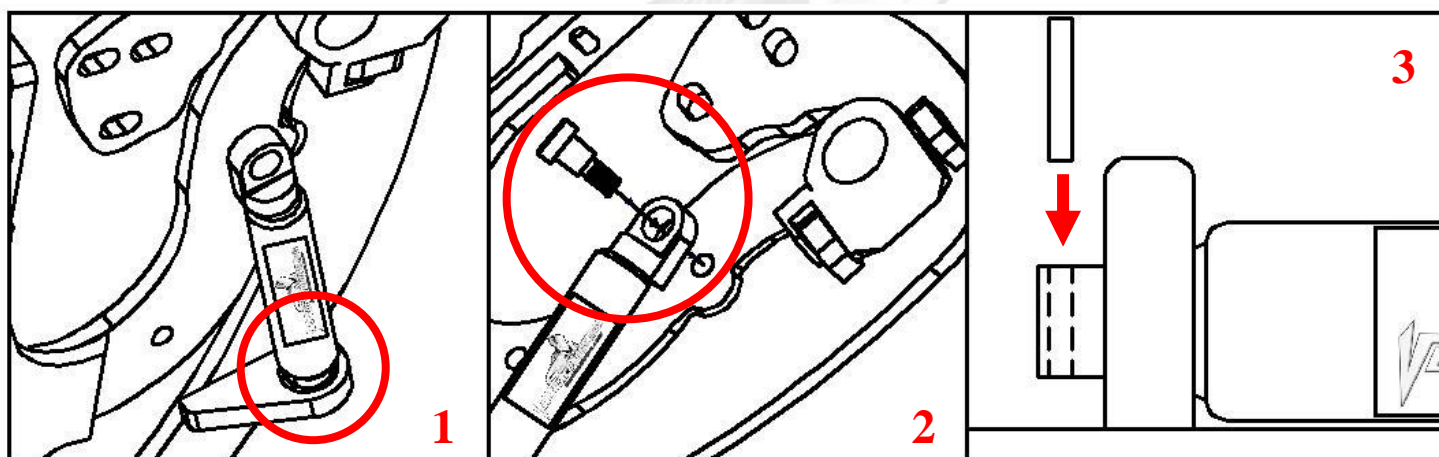
VERTICAL DOORS, INC.
VerticalDoors.com

8) Once hinge is locked in place, break nut #1 then turn Allen set screw #2 on fig until it hits the block then open the door and continue to adjust until the door matches with the striker, open and close door making sure it closes like factory.



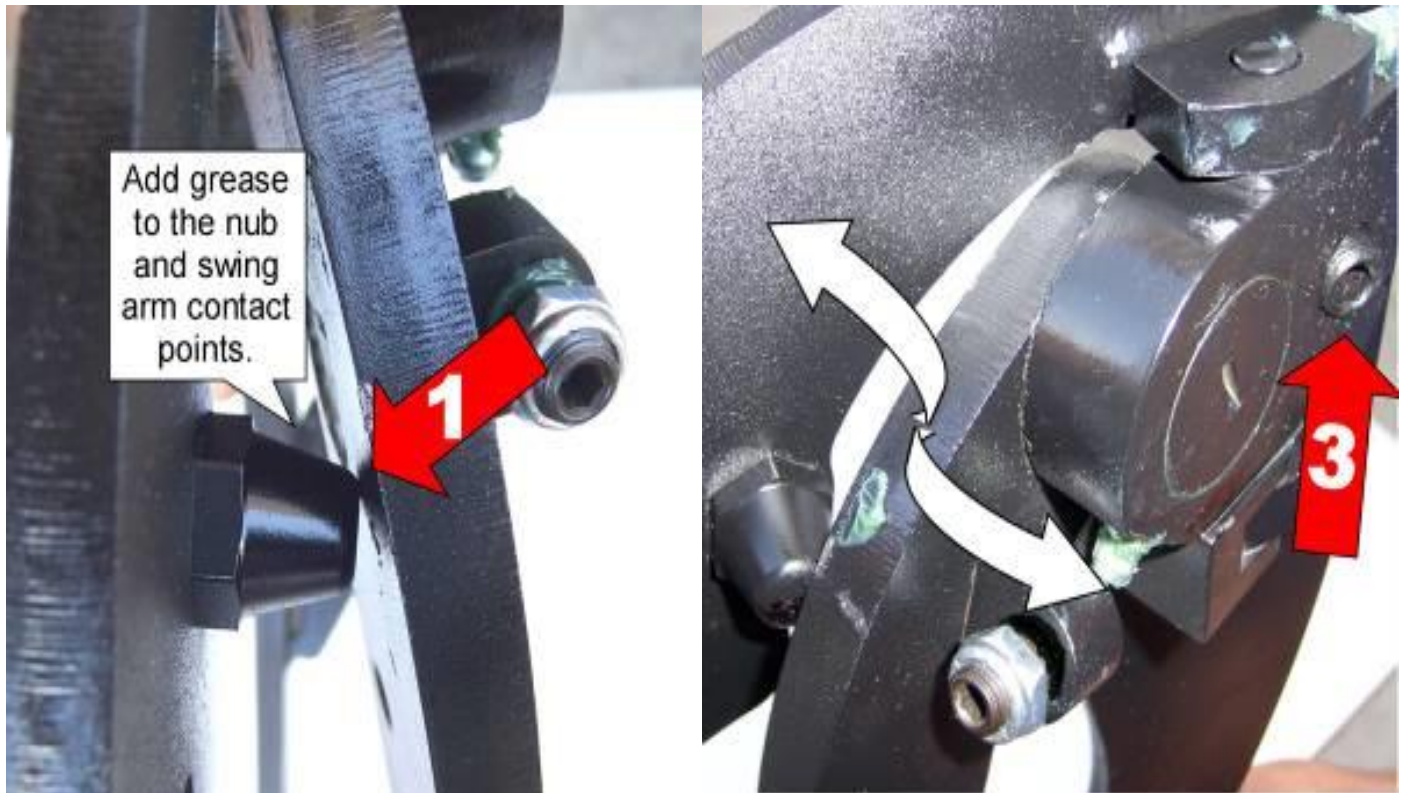
Hint(leave #1 nut loose until shock is installed Allen set screw will have to be re-adjusted after shock is installed.*

9) Install the shock.

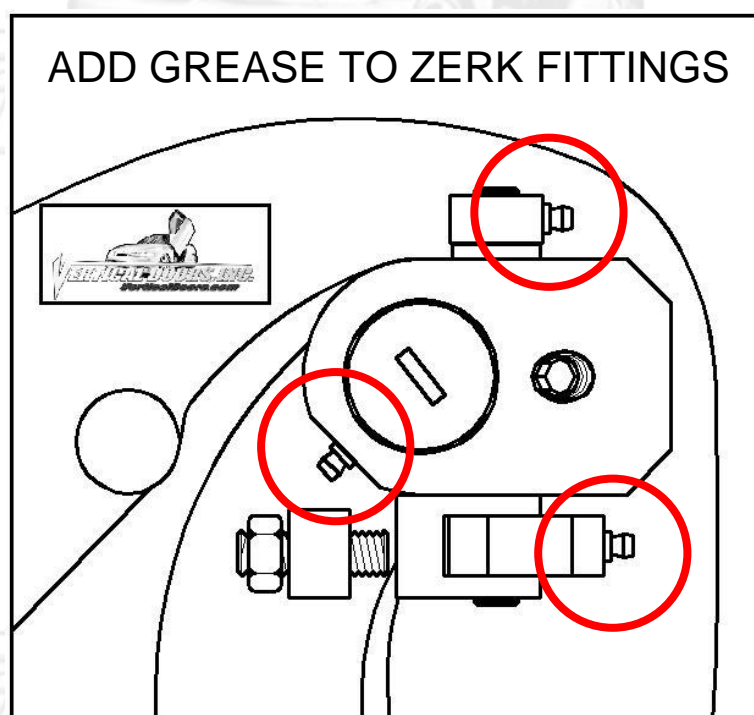


Hint (You will need a helper to raise the door). (Slip the spherical rod mount into the spherical ball bearing (1). Using a 1/4 Allen wrench, tighten the screw into the swing arm (2). After the shock is installed secure it by installing the pin in the bottom shock end (3).*

10) After shock is installed re-install door panel and lift the door. Adjust door opening screw #3 clockwise until distance between nub and swing arm is enough so that the swing arm moves up and down freely.

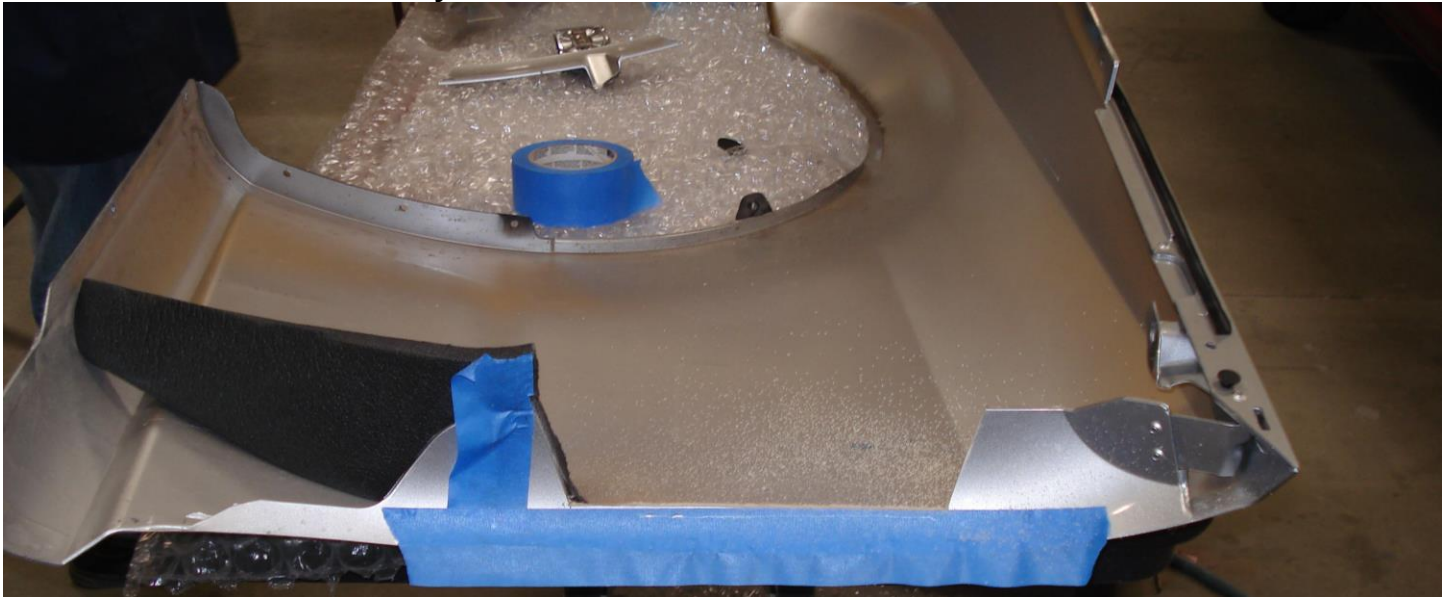


Hint (Fine tune the Allen set screw (#2) to realigned striker with door. After the door is aligned, test door by opening and closing, lifting and lowering door several times.*



Note: Do not install fender until the adjustment of the door is accurate, and the set screw is tightly secure. Also make sure everything is tight, adjustment is set and everything is Locktite.

11) Cut the inner lip of your fender to make room for the new Vertical Doors Inc. system.



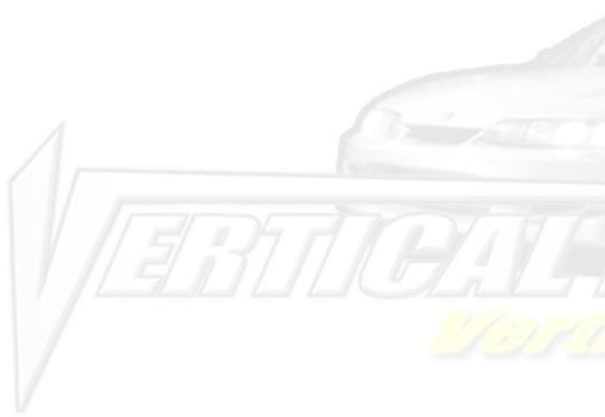
Use a power cutter and grinder to cut and take any sharp edges off. Use black door trim or touch it up with paint to give it a finish look.

12) Lift the door and Replace the fender by reversing step 2 and 3.

Hint(Make sure the electrical wires don't get pinched enough to damage wires)*

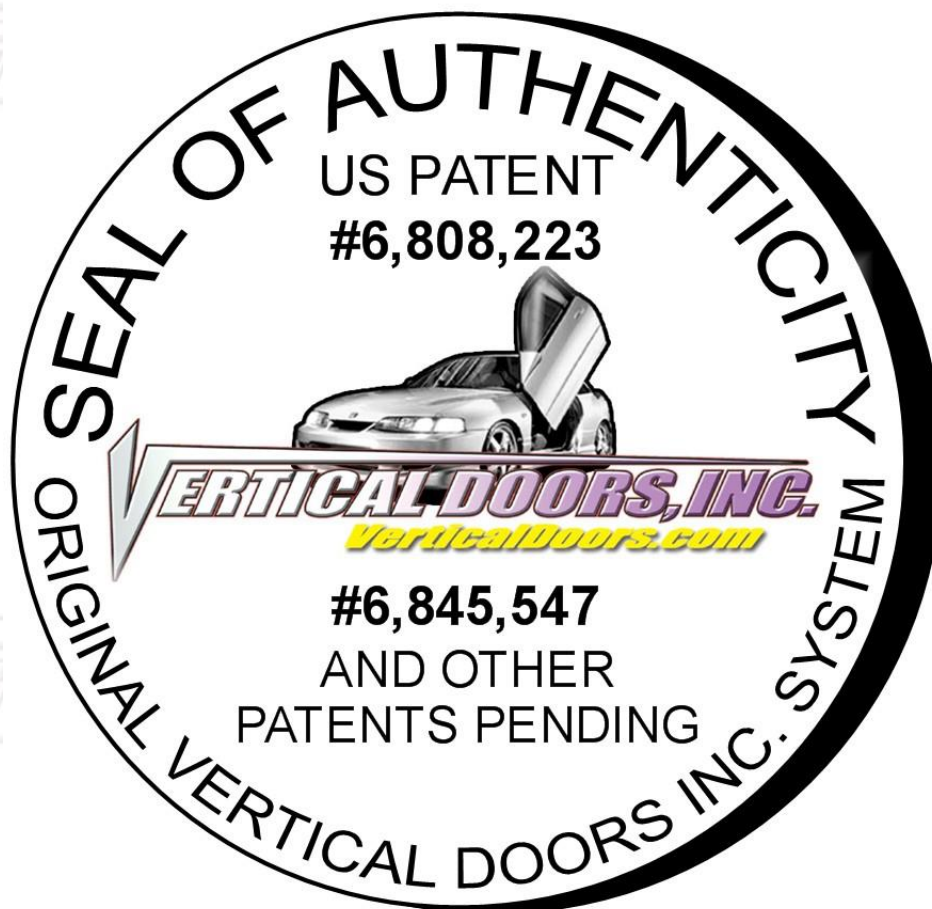
13) For the other side just follow the same steps.

Note: You will need to modify the top front of the door panel as shown.



Thank you for your purchase of the
VERTICAL DOORS INC.
SYSTEM

Simply Uplifting



NOTE:

Vertical Doors Inc. assumes no responsibility for any damages caused by improper installation.