



542 3Rd Street, Lake Elsinore, CA 92530

TEL: 951-245-8669, FAX: 951-245-5481



AUDI A4 B5 (8D) 1995-2001

U.S. PATENTS

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

PATENTS AGGRESSIVELY ENFORCED!

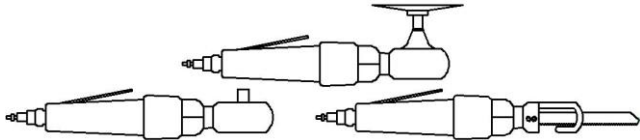




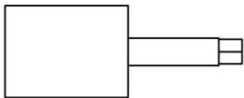
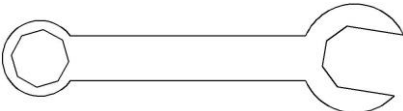
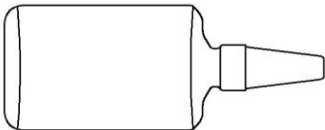
**PLEASE CAREFULLY READ ALL INSTRUCTIONS BEFORE
ATTEMPTING TO INSTALL THIS PRODUCT.**

**FOR QUESTIONS PLEASE
CONTACT US AT (951) 273-1069**

THIS KIT INCLUDES:

- 2 PINS
 - RIGHT AND LEFT HINGE ASSEMBLY
 - 6 HOSE CLAMS
 - 4 SPACERS
- 2 SHOCKS
 - 2 SHOULDER BOLTS WITH WASHERS
 - 5 FT OF HOSE

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 TORX BIT
	➤ 9/16 WRENCH
	➤ LOCKTITE RED

OTHER TOOLS MAY BE NEEDED DEPENDING ON YOUR VEHICLE

“Installers with experience recommended”

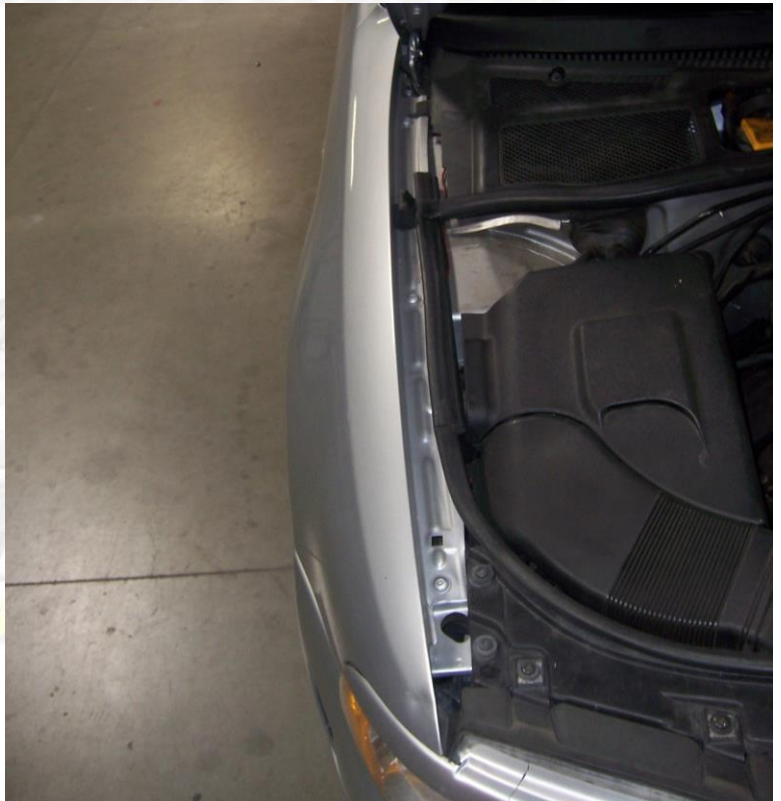
(Note: The pictures on the manual are for reference only they may not match your vehicle.)

Disconnect the battery.

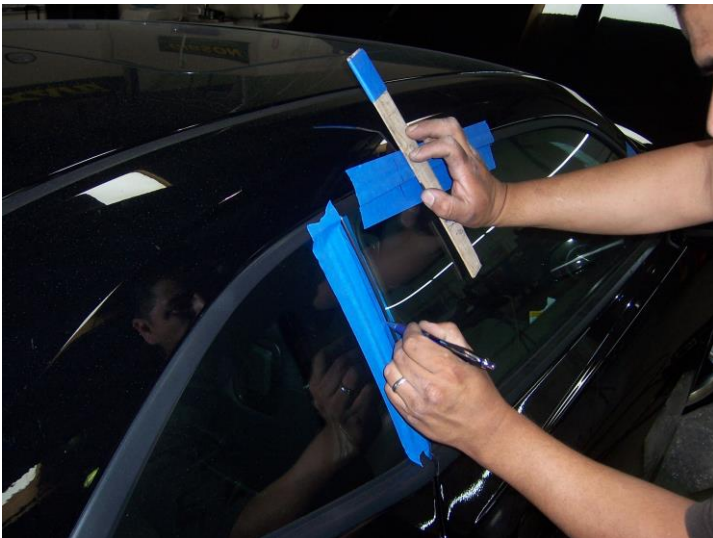
Remove the fender by removing all Plastic clips around the wheel you will also need to remove the side skirt on some models.

Remove all the bolts on top of the fender.

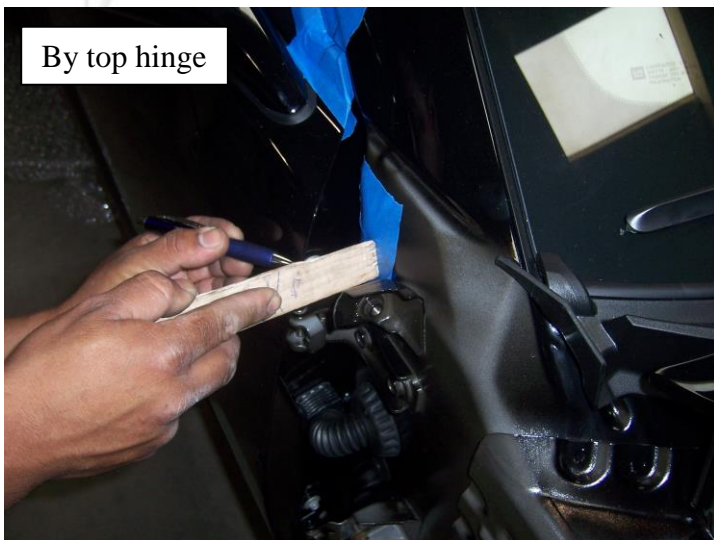
Before you can remove the fender, you will need to unplug the side marker you may need assistance on this process to ensure that you do not damage fender.



Important: Before you remove the factory hinges you need to find the factory location of your door use painters' tape on the door and the body to mark the factory location as shown below.



You will also need to measure and mark the distance of the edge of the door to the body as shown below.



Once you have found the factory location of your door you now can remove the door so that you can install the new VDI hinge as shown on the right.

You will need extra wire slack as shown to achieve this you will need to remove the door panel and a couple of wire clips

to make the wires go in a straighter layout towards the front of the door. After gaining the desired wire slack use zip ties to secure the wires to the door.



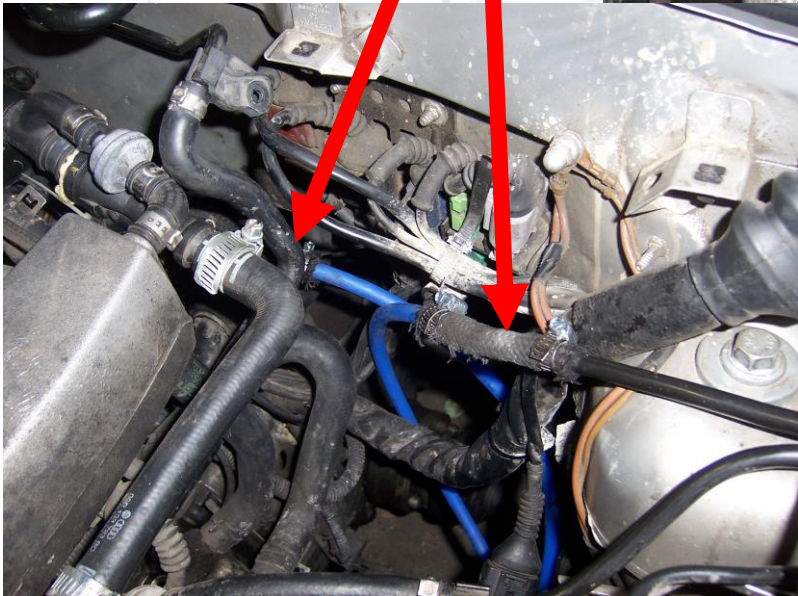
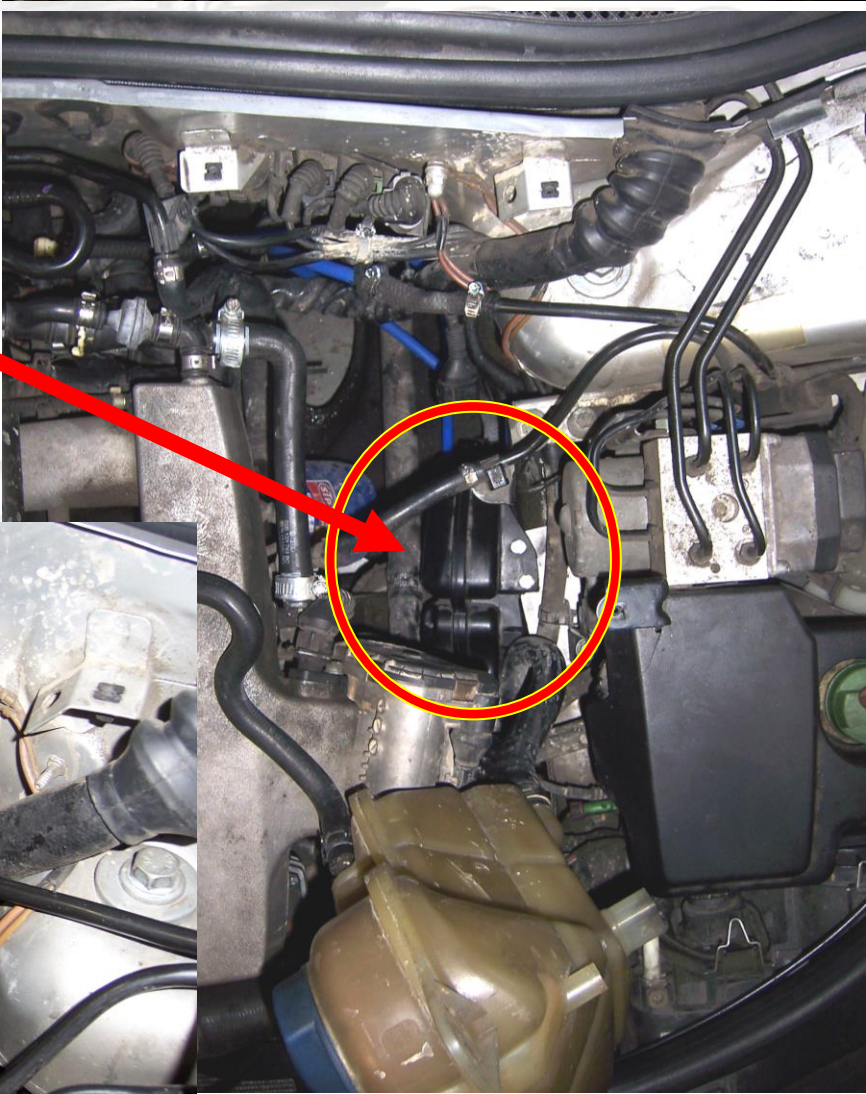
Once you have removed the factory hinges, you will need to remove the emissions canister and install a bypass hose as shown on the right.



The emissions canister will have to be repositioned under the radiator reservoir tank.

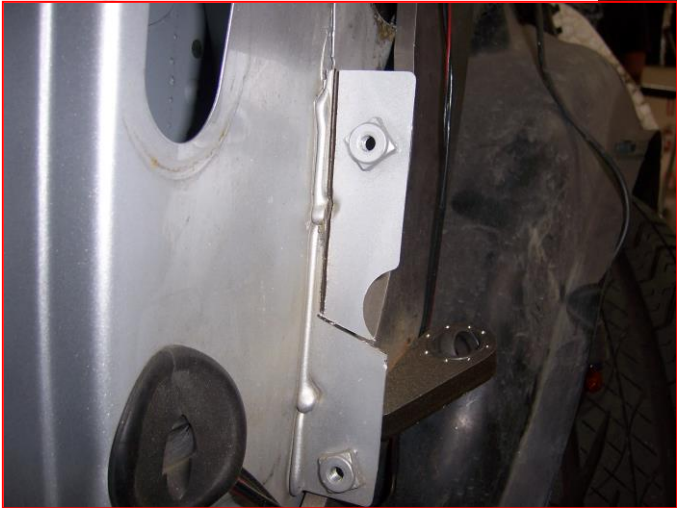
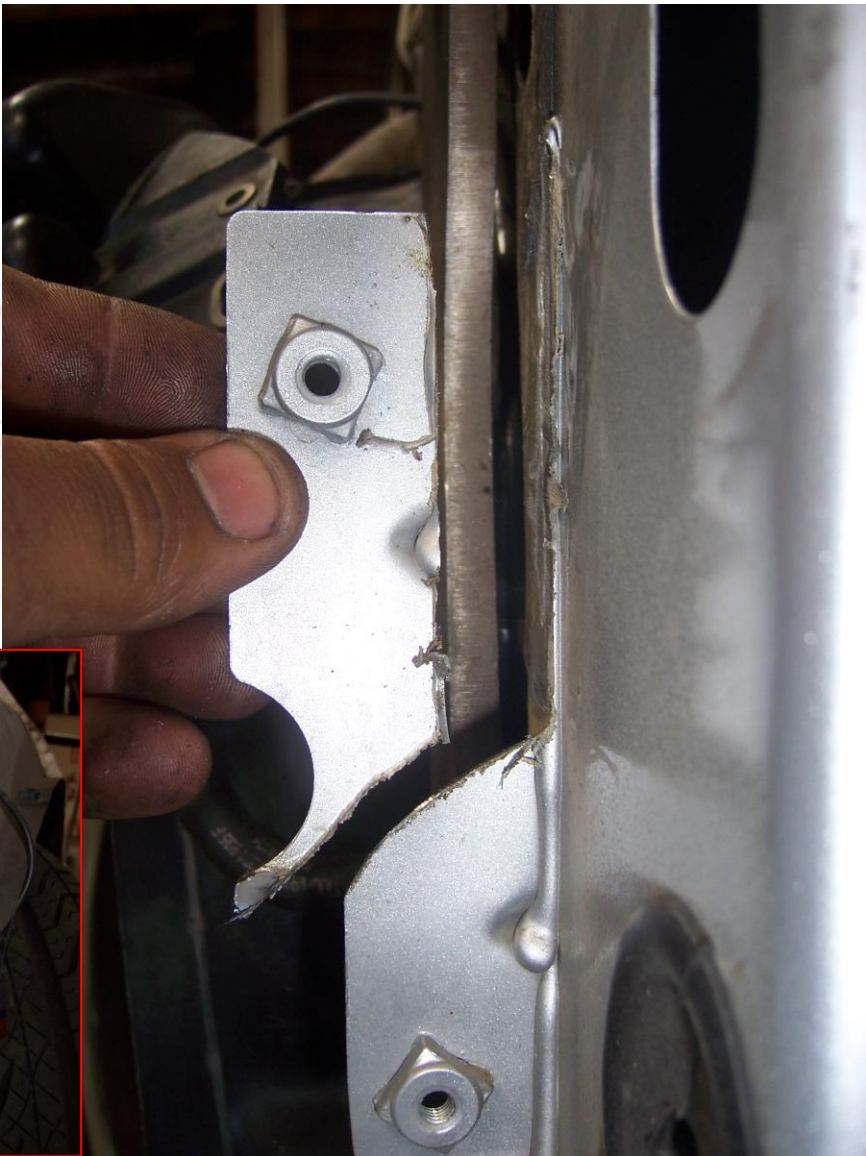


On the picture on the right you can see that the emissions canister and bypass hoses have been installed.

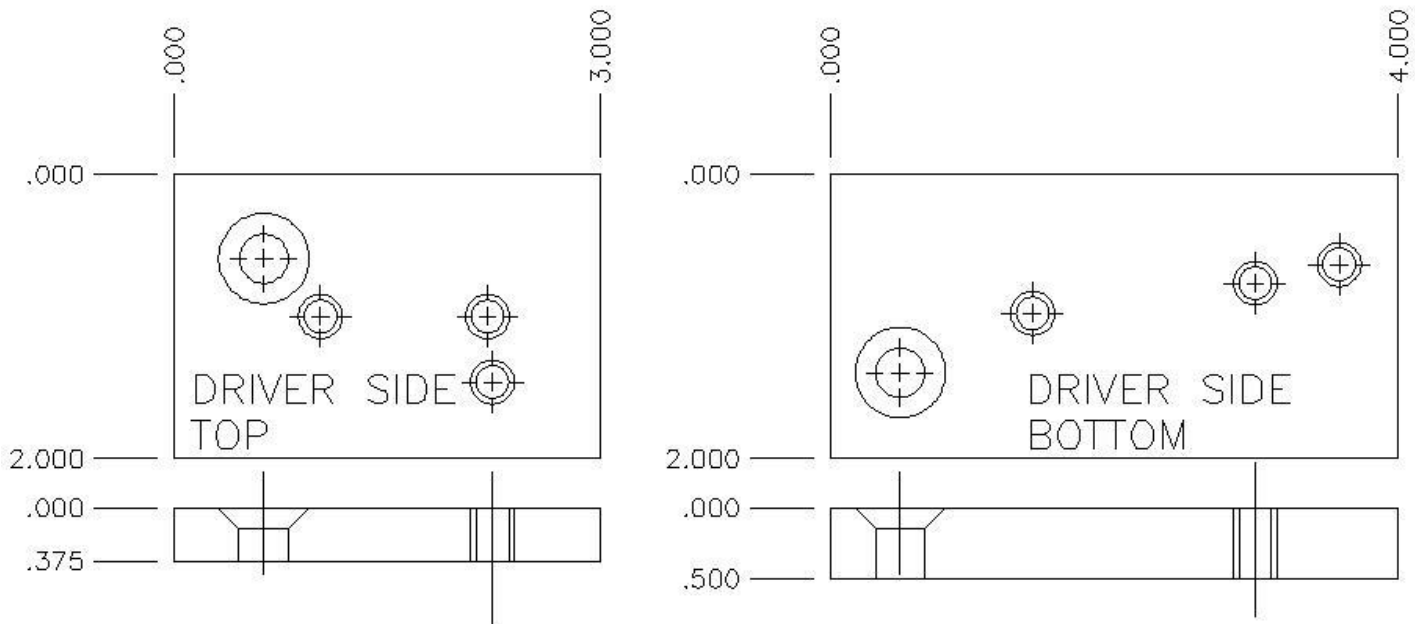


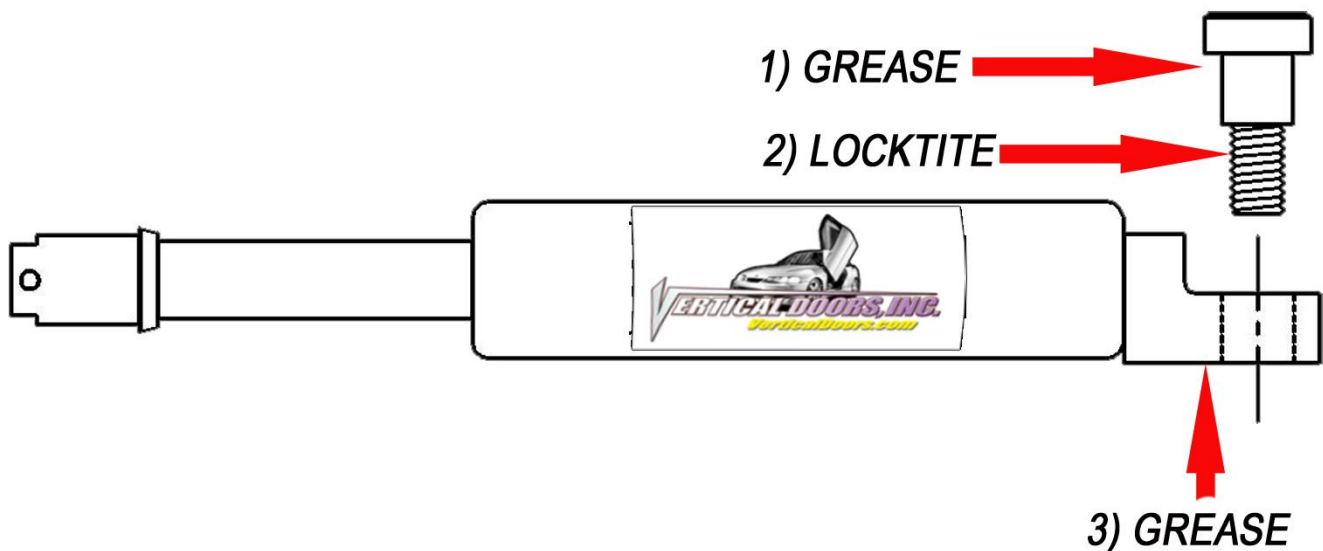
After repositioning the emissions canister, you can reinstall the radiator water reservoir to its original location.

Before you can reposition the door on the car you will need to cut the extruding plate from the apron area as shown on the picture on the right. After cutting it use a grinder to smooth out the cut and use rust resistant paint to protect the cut.



Before you can install the kit, you will need to install the spacers. The thinner spacer goes on top and the thicker spacer goes on the bottom.



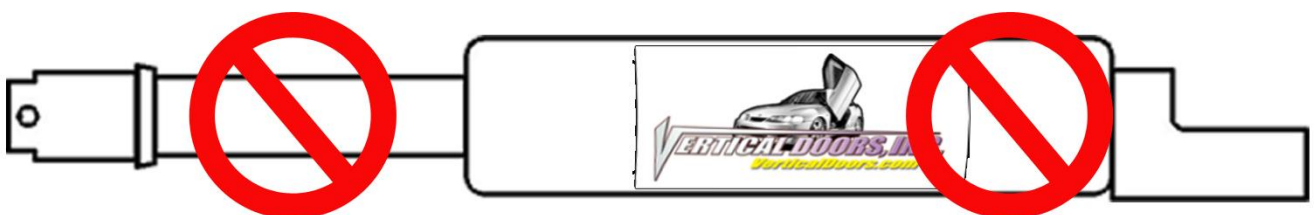


****IMPORTANT STEP: DO NOT SKIP THIS STEP. THIS STEP IS CRUCIAL IN YOUR INSTALLATION PROCESS, IF THIS STEP IS NOT COMPLETED WHEN INSTALLING THE VERTICAL DOOR KIT; ALL WARRANTIES ARE VOIDED, AND MAY CAUSE FUTURE PROBLEMS WITH YOUR VERTICAL DOOR SYSTEM.***

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

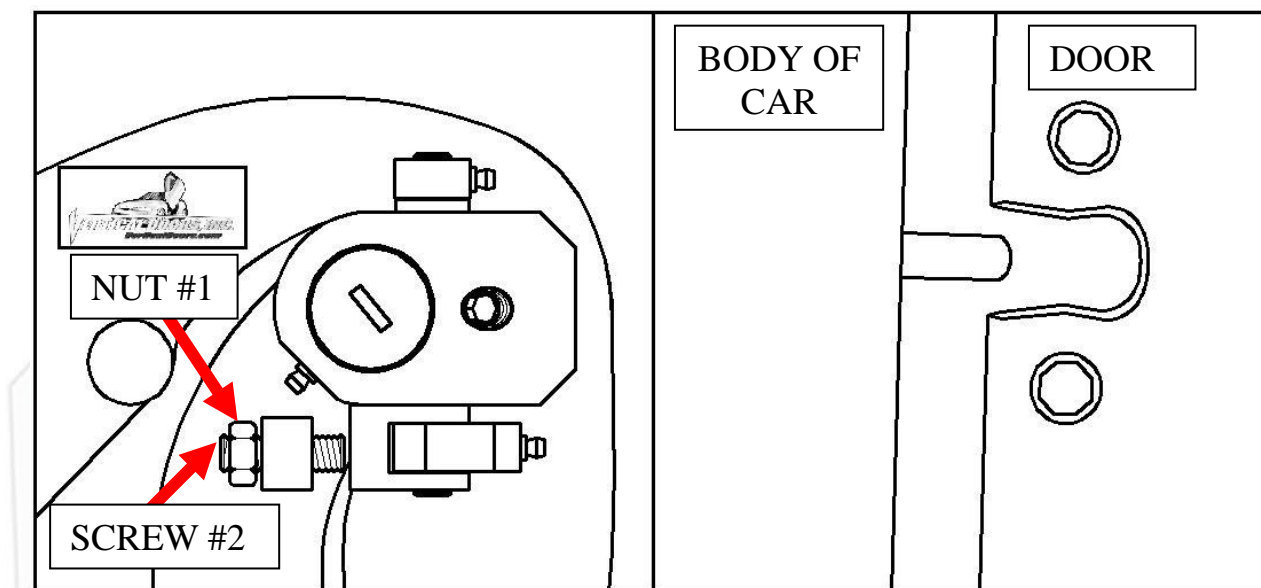
2ND, make sure you put red Locktite, where the arrow is pointing, on thread of shoulder bolt.

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



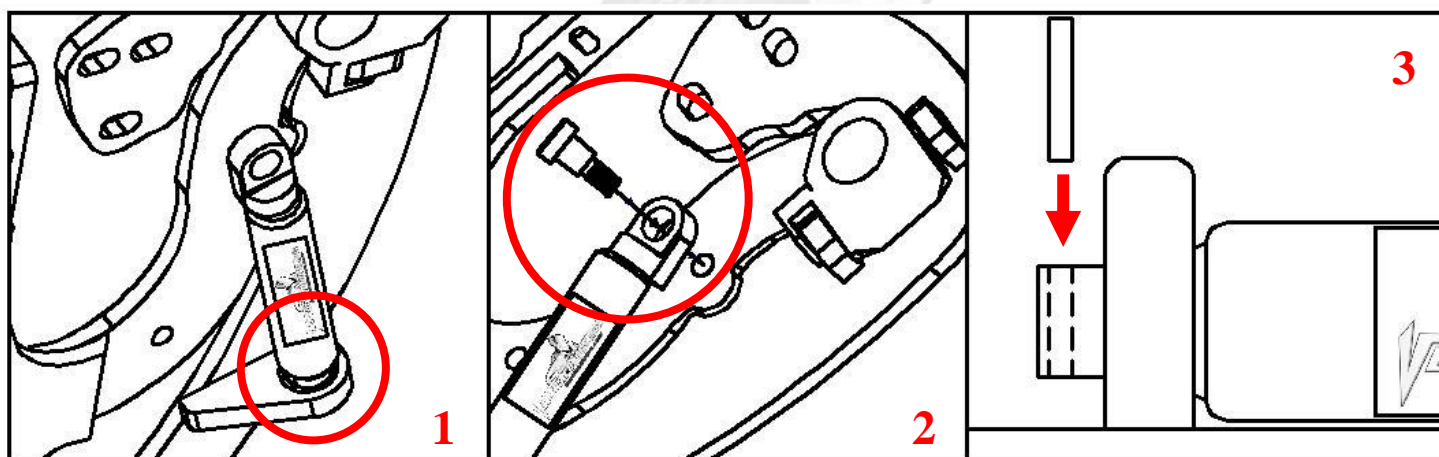
WARNING! THE USE OF ANY TYPE PLYERS, PAINT OR FOREIGN MATERIALS ON THE SHOCK'S BODY OR SHAFT WILL VOID THE WARRANTY.

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.



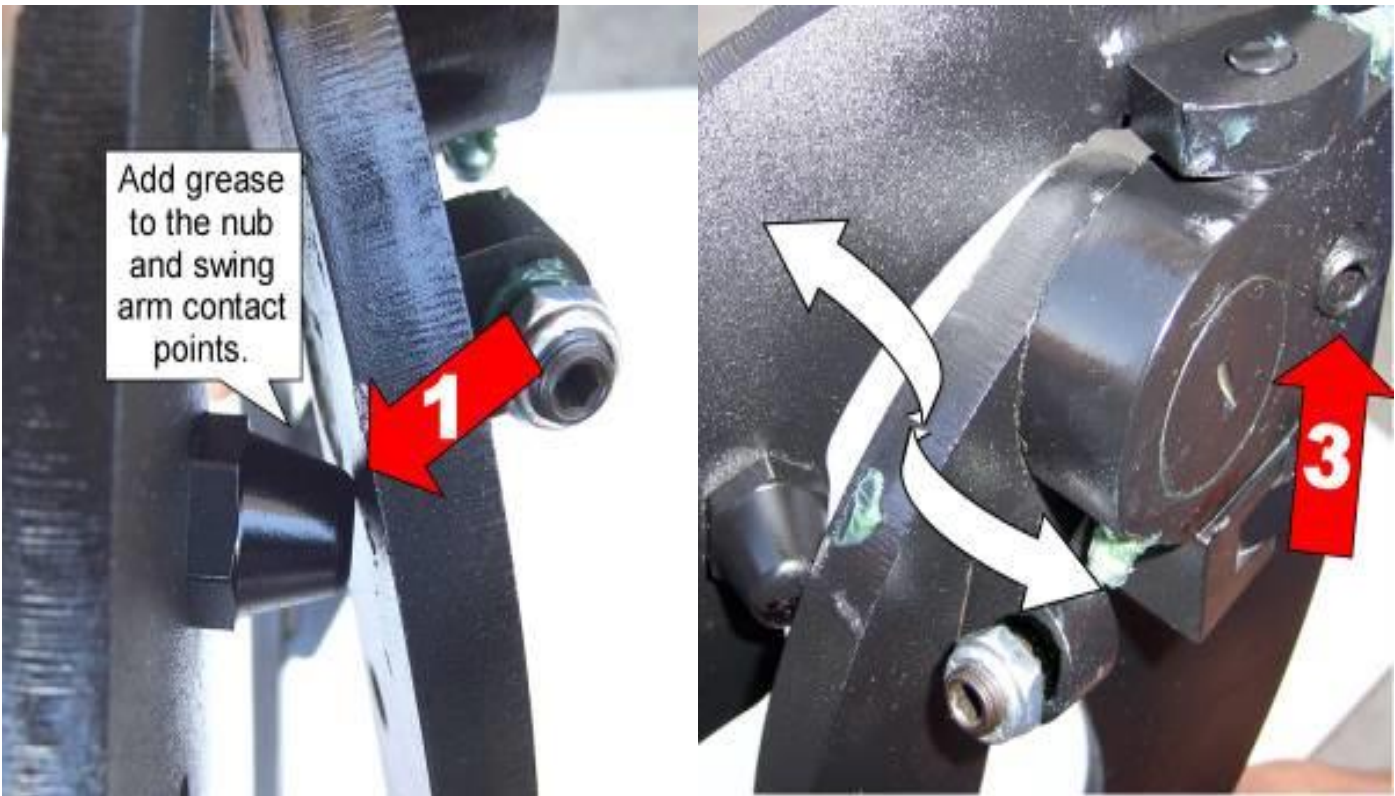
Hint(leave #1 nut loose until shock is installed Allen set screw will have to be re-adjusted after shock is installed.*

Install the shock.

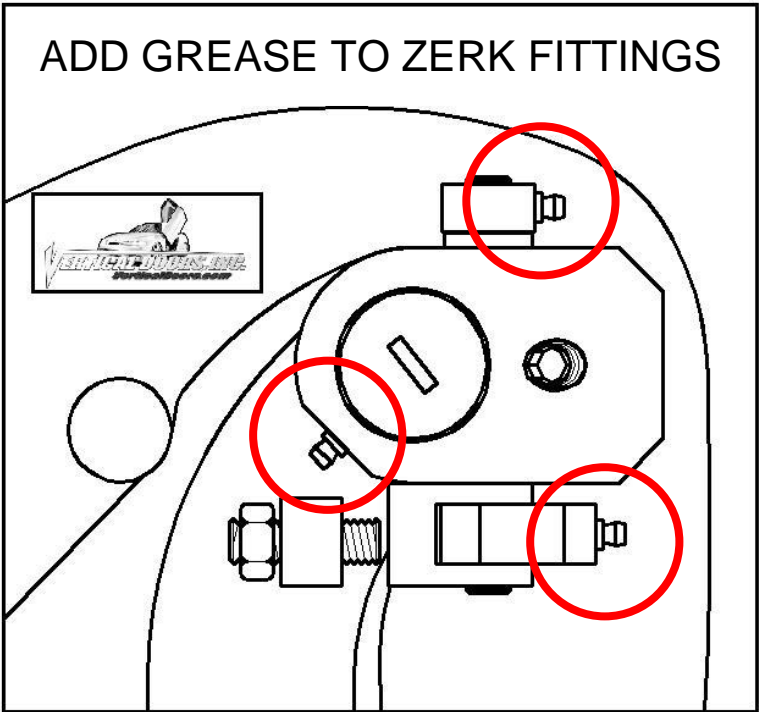


Hint (You will need a helper to raise the door). (Slip the spherical rod mount into the spherical ball bearing (1). Using a 1/4 Allen wrench, tighten the screw into the swing arm (2). After the shock is installed secure it by installing the pin in the bottom shock end (3).*

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.

Once the shock has been installed use the enclosed wire loom to protect the exposed wires.

Wrap high quality black electrical tape tightly around the wire loom to protect from moisture.

Use zip ties to secure the factory wire boot to the provided wire loom as shown on the picture on the right.

Note that you will need to cut the inner fender as shown, use a grinder to smooth out the edges and touch up paint to protect the cut.



Before you can replace the fender, you will have to modify the side marker as shown in the picture on the right.

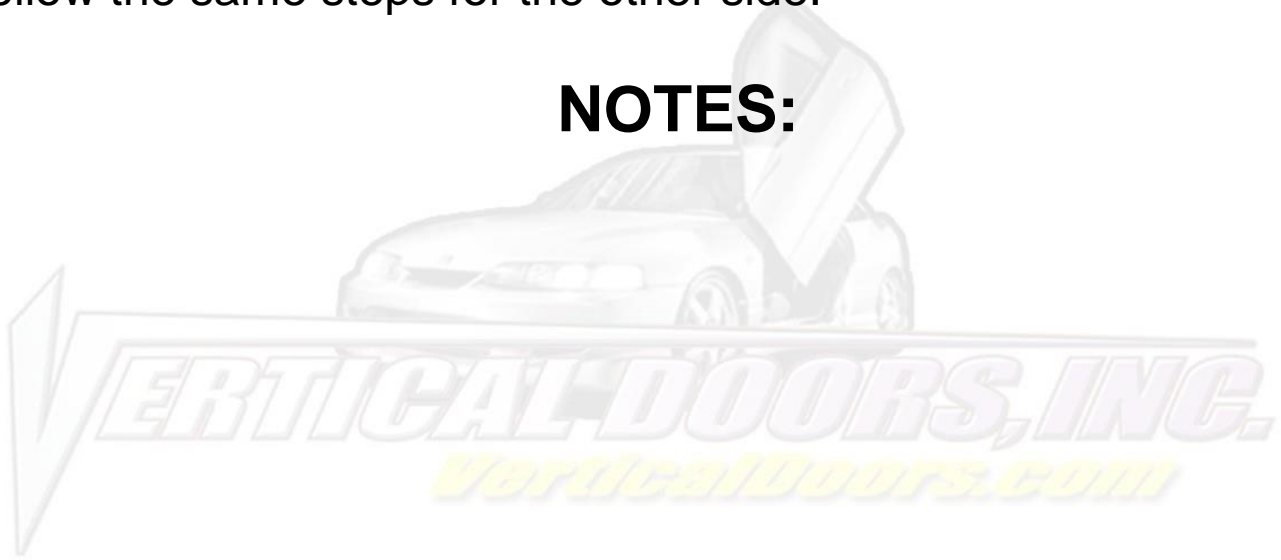


Close the door and Replace the fender

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

Follow the same steps for the other side.

NOTES:



Thank you for your purchase



NOTE:

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