



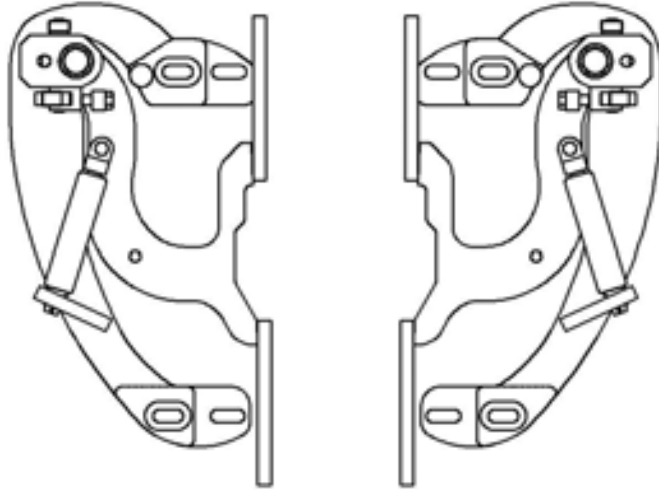
FORD EXPLORER SPORT TRAC 01-05

U.S. PATENTS

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

PATENTS AGGRESSIVELY ENFORCED!

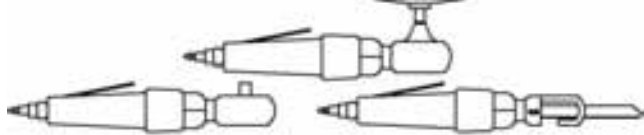

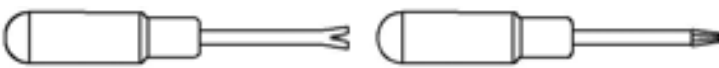





**PLEASE CAREFULLY READ ALL INSTRUCTIONS BEFORE
ATTEMPTING TO INSTALL THIS PRODUCT.**



THIS KIT INCLUDES:

➤ 16 M8-1.25X30MM BOLTS WITH WASHERS	➤ RIGHT AND LEFT HINGE ASSEMBLY
➤ 2 SHOCKS 565 PSI	➤ 2 SHOULDER BOLTS
➤ 2 PINS	

TOOLS REQUIRED FOR INSTALLATION:

	➤ AIR RACHET, GRINDER AND CUTTER.
	➤ 7/23, 10MM, 11MM, 13MM, 14MM, 15MM, 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

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

1) Disconnect the battery.



2) Remove the headlight and signal light

3) Remove fender:

Remove all the fasteners around the wheel well open the door and remove the bolts by the hinges close the door and remove the bolts securing the fender. Carefully remove the fender.



4) Close the door and secure it with 2 inch painters tape make sure to mark the factory location of the door on the vertical and horizontal positions also measure and mark the distance of the front edge of the door to the body by the factory upper and lower hinge location.



5) Disconnect the factory wire harness and pull the wire boot from the body as shown.



On the driver's side you will have to cut the factory wires and wire boot and add the included wires. After lengthening the wires protect them with the enclosed wire loom as shown on the picture.

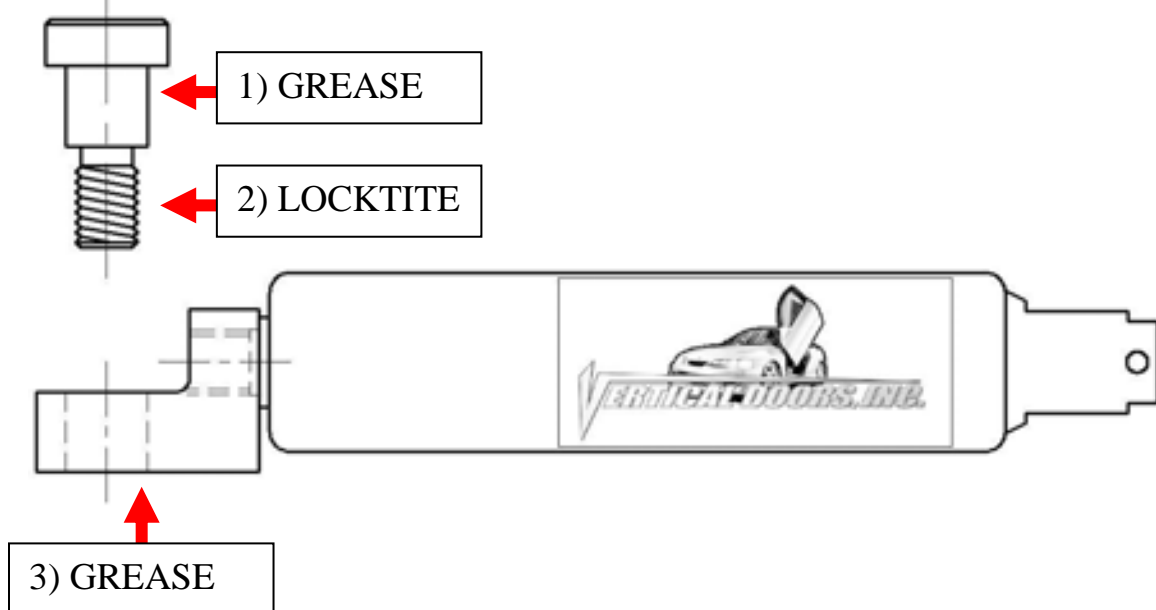


After doing that remove the factory door hinges from the body and the door.

6) Install new Vertical Doors Inc. system:

Make sure the surface is completely flat.

Hint Tighten the bolts on the door first then the bolts on the body.*



***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.

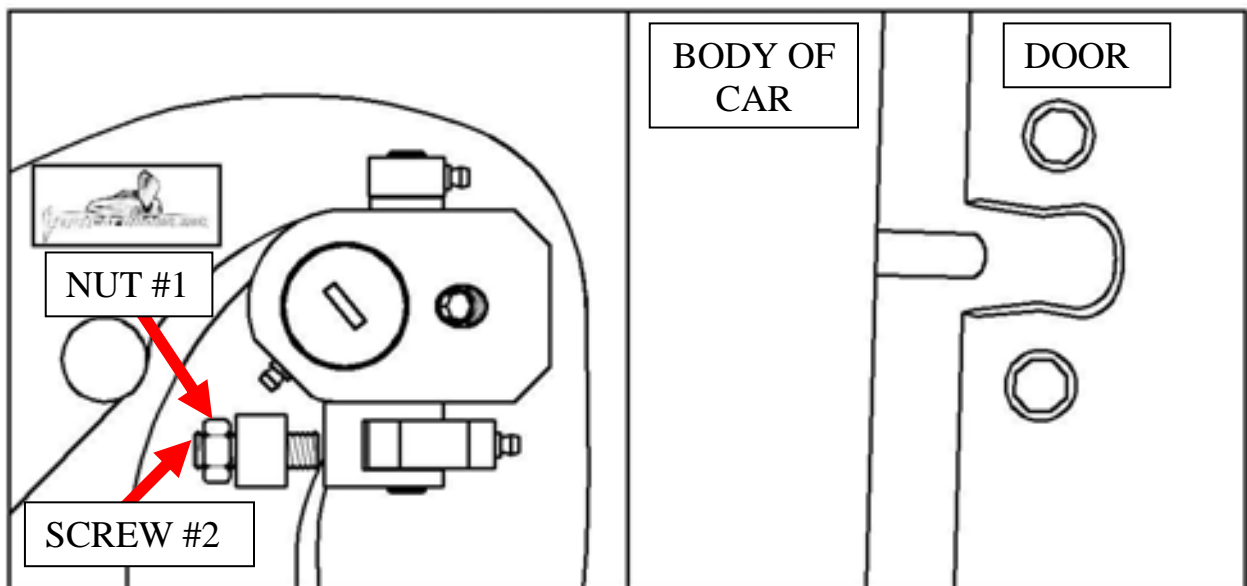
2ND, make sure you put red Loctite, where the arrow is pointing, on thread of shoulder bolt.

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



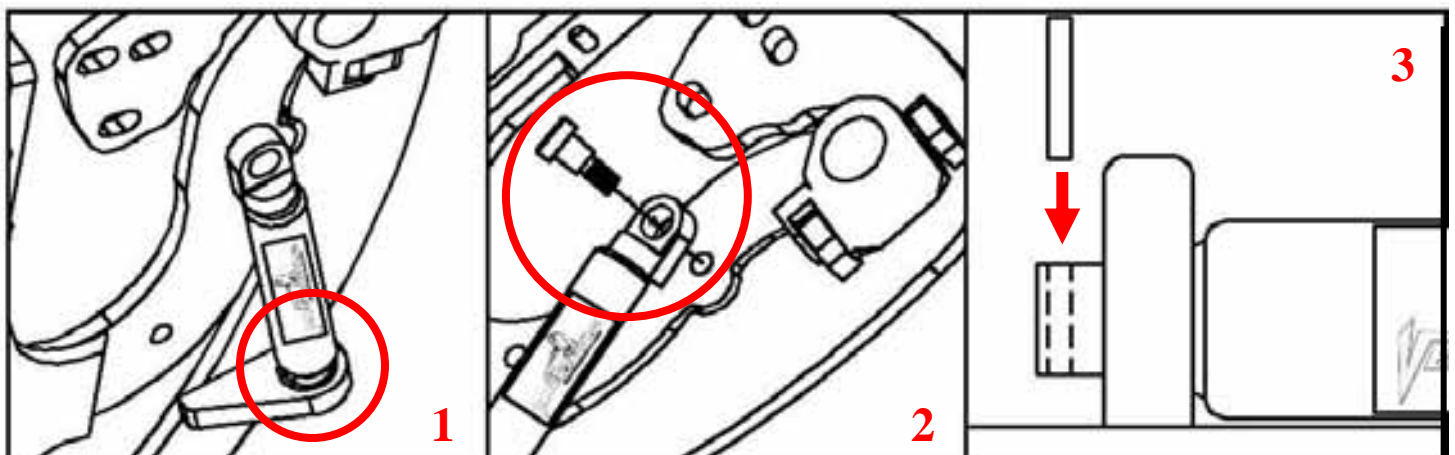
WARNING! THE USE OF ANY TYPE PLYERS, PAINT OR FOREIGN MATERIALS ON THE SHOCK'S BODY OR SHAFT WILL VOID THE WARRANTY.

7) 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.



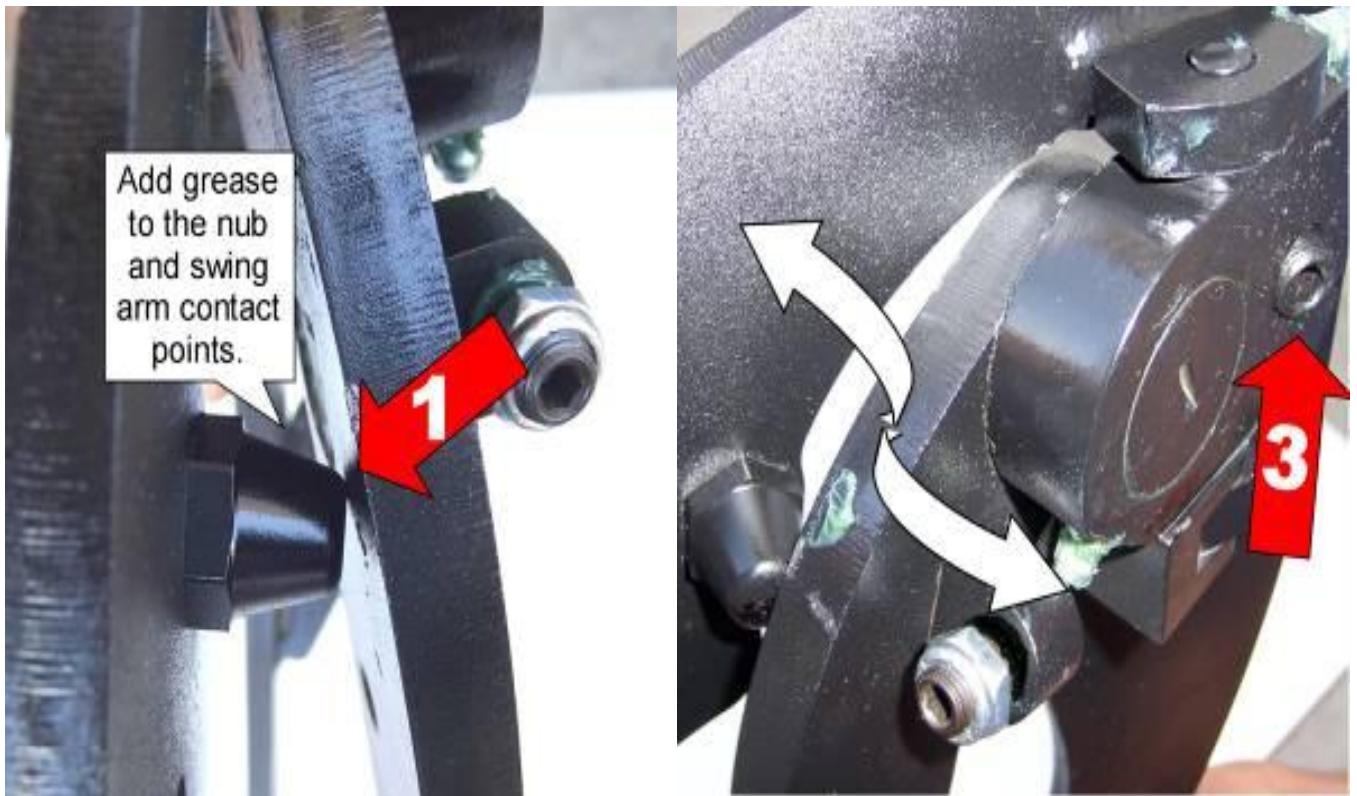
Hint(leave #1 nut loose until shock is installed Allen set screw will have to be re-adjusted after shock is installed.*

8) Install the shock.

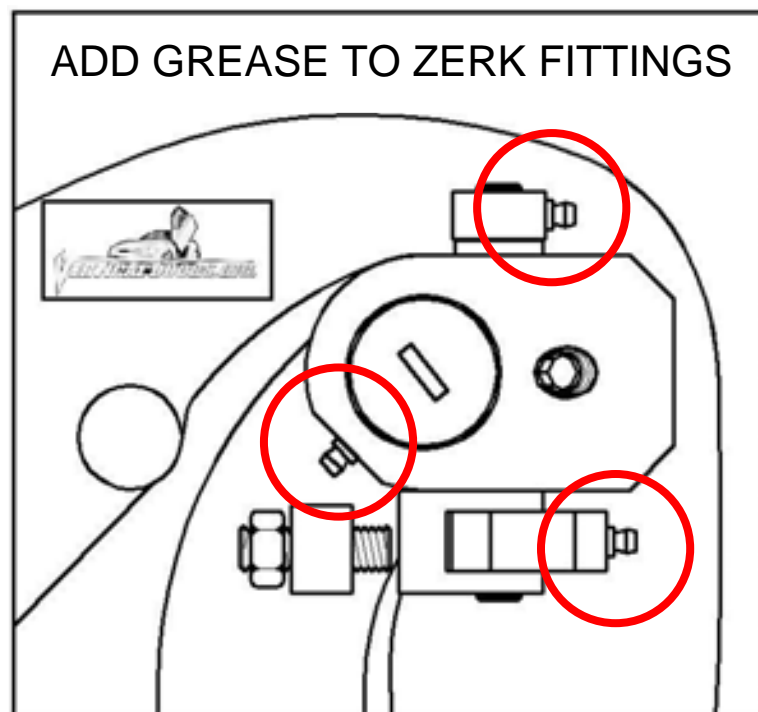


Hint (You will need a helper to raise the door). (Slip the spherical rod mount into the spherical ball bearing (1). Using a 1/4 Allen wrench, tighten the screw into the swing arm (2). After the shock is installed secure it by installing the pin in the bottom shock end (3).*

9) 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 sticker 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 Loctite.

10) Modify factory wire loom.

You will have to open and raise the door and add included wire loom to protect exposed wires.

Note: picture is for reference only



11) Cut the inner lip of your fender to make room for the new Vertical Doors Inc. system. Note: After you have cut the fender use a sander or grinder and take out any sharp edges, use black door trim to give it a finish look.

12) Close the door and Replace the fender.

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

13) For the other side follow steps 2-12.