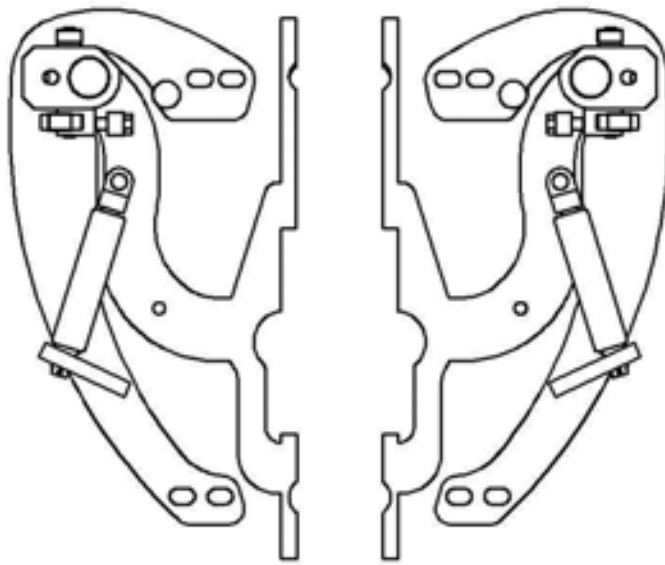




HONDA CIVIC 2006 INSTRUCTIONS

US PATENT #6,808,223 & #6,845,547



THIS KIT INCLUDES:

- 16 M8-1.25X30MM BOLTS WITH WASHERS
- 2 SHOULDER BOLTS WITH WASHERS
- 2 PINS
- RIGHT AND LEFT HINGE ASSEMBLY
- 2 SHOCKS 720 PSI

TOOLS REQUIRED FOR INSTALLATION:

	<ul style="list-style-type: none"> ➤ AIR RACHET, GRINDER AND CUTTER.
	<ul style="list-style-type: none"> ➤ 7MM, 8MM, 10MM, 11MM, 13MM, SOCKETS AND EXTENSION.
	<ul style="list-style-type: none"> ➤ FORK AND PHILLIP'S SCREW DRIVERS
	<ul style="list-style-type: none"> ➤ SPACERS FOR THE DOOR GAP.
	<ul style="list-style-type: none"> ➤ 3/16 ALLEN WRENCH
	<ul style="list-style-type: none"> ➤ 1/4 TORX BIT
	<ul style="list-style-type: none"> ➤ 9/16 WRENCH
	<ul style="list-style-type: none"> ➤ 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 all Phillip's fasteners from the wheel well.

After removing all the fasteners, pull back on the wheel well and remove (1) 10mm bolt securing the fender to the bumper.

After removing the bolt securing the fender to the bumper, pull on the bumper to gain access to the bolts securing the fender to the body.

Remove the bolts securing the fender to the chassis at the bottom of the door.



Open the door and use the fork to remove the cover located at the bottom of the windshield pillar, this will allow you to remove (1) 10mm bolt securing the fender to the body.

Remove the windshield wiper arm assembly and pull up on the plastic cover to gain access to the bolts located at the top of the fender.

Open the hood and remove the bolts securing the top of the fender to the body.

Now **carefully** remove the fender and place it in a safe place.

3) Remove the door catch:
Open the door and remove bolts from the body and from the door. Push the door catch inside the door.

You will need to remove the door panel to retrieve the door catch.



4) You will need to more wire slack:

Remove all the covers and the screws under the covers. Carefully remove the door panel. As you remove the door panel, also disconnect the mechanical and electric wire harness.



After removing the door panel, remove the speaker. And the wire clip closest to the speaker this will give the necessary wire slack for the new VDI kit to open fully and also the clearance to remove the door catch.



5) Close door and use painter's tape to secure the door in preparation for factory hinge removal.

Use a 13mm socket to remove the factory hinges.

Hint (You can make your spacer out of paint sticks and about 8-10 turns of blue painters tape)*

Insert the spacers after removing the factory hinges.



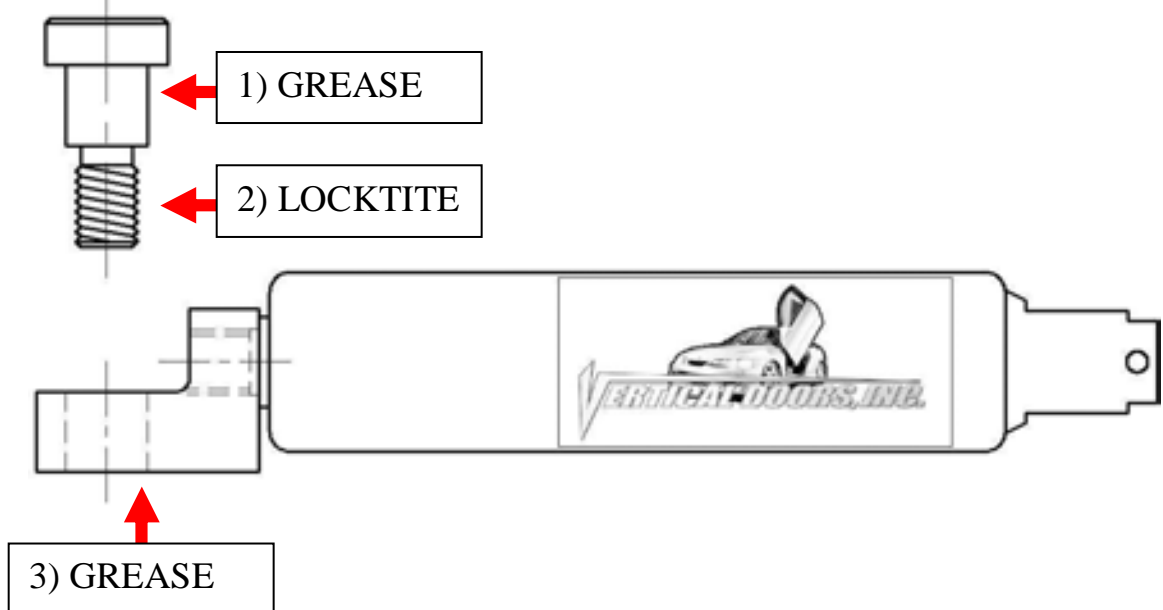
6) Install new Vertical Doors Inc. system:

In order for the vertical hinge to sit flat against the apron you will have to grind down a small part of the apron. The new Vertical Doors Inc. system should sit flat against apron to work properly.

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

Note: you will have to pull the factory wire boot cut it in half and flip it up side down to gain extra wire slack.





***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.

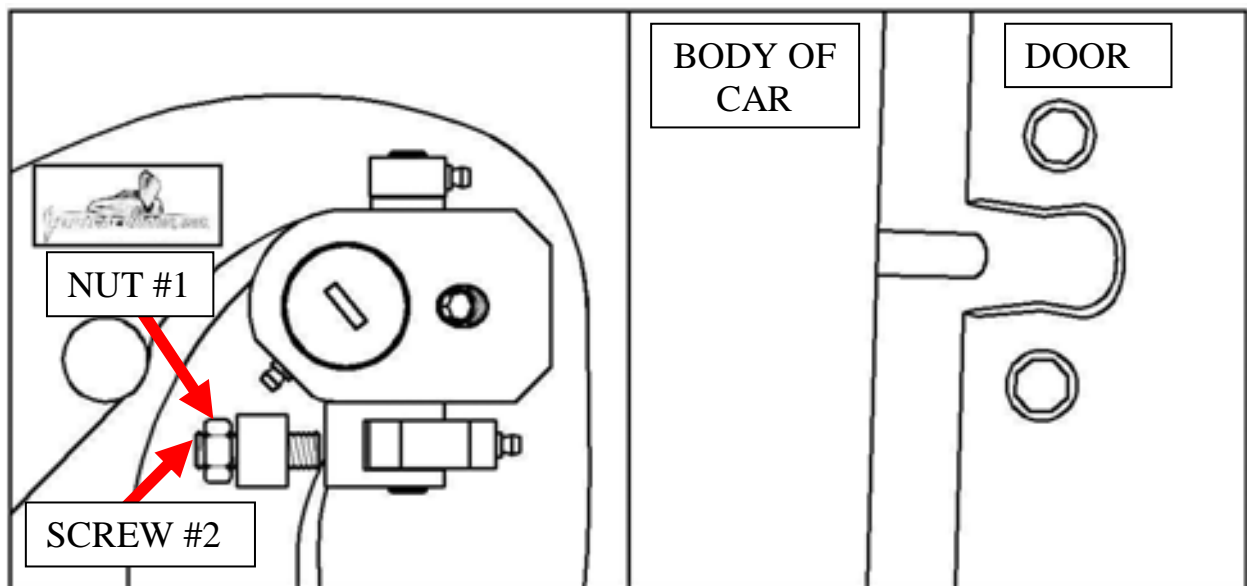
2ND, make sure you put red Locktite, where the arrow is pointing, on thread of shoulder bolt.

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



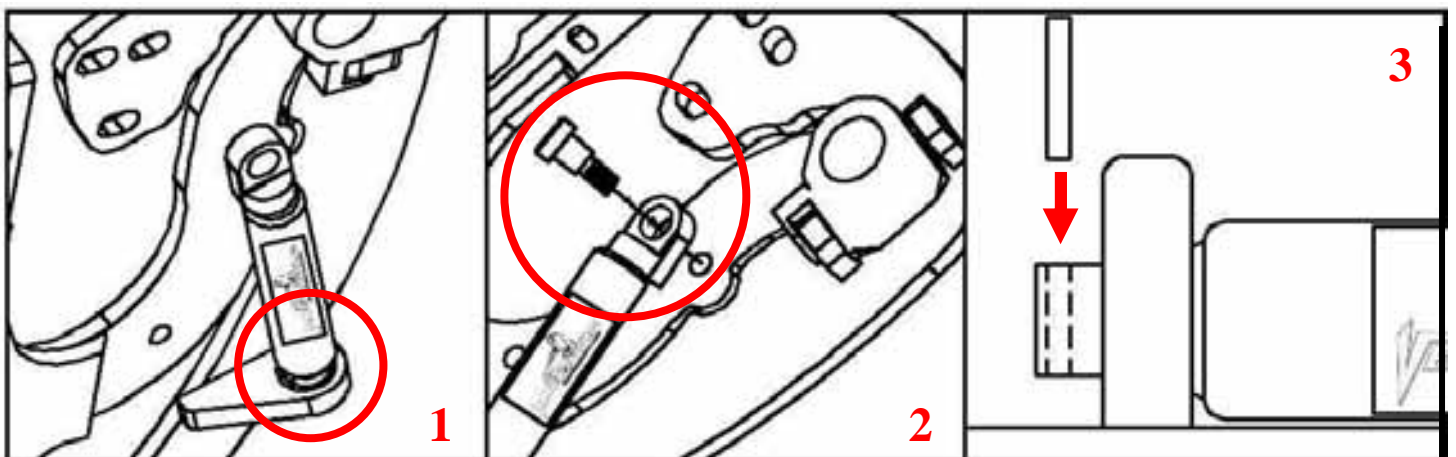
WARNING! THE USE OF ANY TYPE PLYERS, PAINT OR FOREIGN MATERIALS ON THE SHOCK'S BODY OR SHAFT WILL VOID THE WARRANTY.

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.*

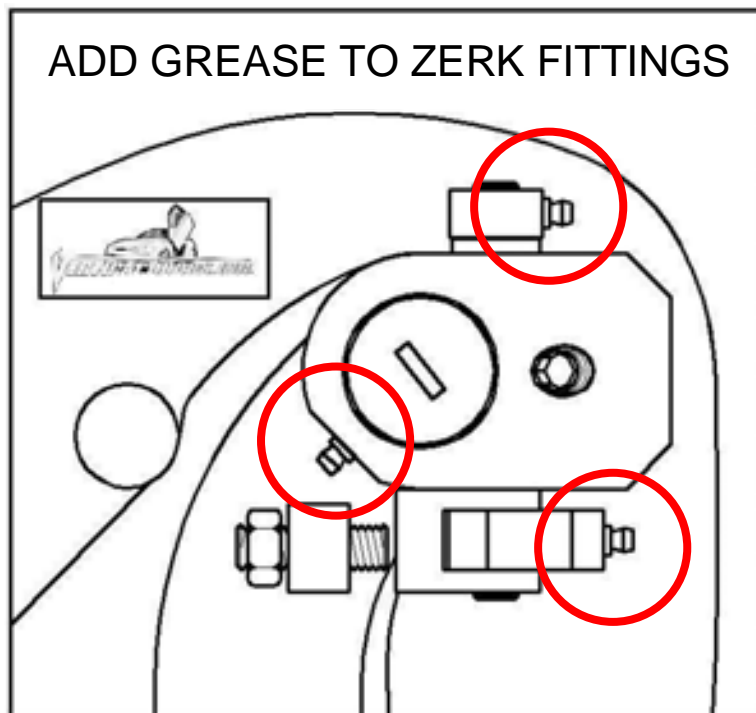
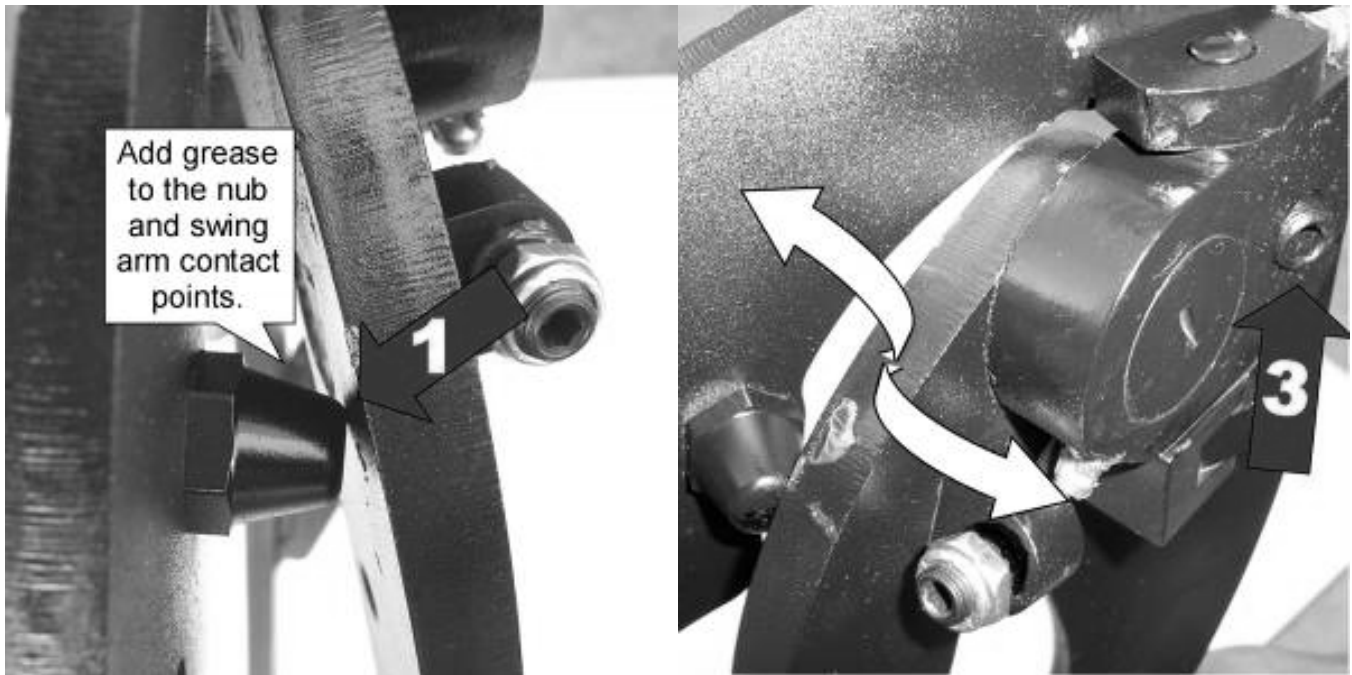
8) Install the shock.



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 Adjustment screw (#2) to realigned striker with door. After the door is align 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.

10) Modify factory wire loom:
In order to be able to open and raise the door, cut the factory wire boot in half and add wire loom to protect exposed wires.



11) Cut the inner lip of your fender to make room for the new Vertical Doors hinge. Note: After you have cut the fender use a sander or grinder and make sure the surface is completely flat.



12) Close the door and replace the fender by reversing step 2.

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

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