

Vertical Doors, Inc.

951.245.8669



**SCAN THE QC CODE FOR DETAILED INSTRUCTIONS AND
READ ALL PAGES BEFORE STARTING INSTALLATION.**

BASIC GENERAL INSTALLATION INSTRUCTIONS

- 1) Disconnect the battery.
- 2) Remove the fender
- 3) Make sure to remove door catch if equipped.
- 4) Usually, you will need to more wire slack: You may need to remove the door panel or kick plate. Cut the factory wire boot in half and add wire loom to protect exposed wires.
Do not cut and extend the wires unless you have no other choice. Use 2" painters' tape to mark the factory door location on the vertical and horizontal planes. Also measure the distance between the apron and front edge of the door by the top and bottom hinge.
- 5) Close the door and use 2" painters' tape to secure the door to the body of the car.
- 6) Install the new Lambo Door kit, make sure you have a flat surface, if not you may need to modify your apron.
- 7) Make fine tuning adjustments and make sure all pivot points are greased. Install the shock.

*****DO NOT USE ANY TOOLS ON THE BODY OR SHAFT OF THE SHOCK*****

Don't forget to use thread locker on the shock bolt

Note: Do not install the fender until the door is adjusted perfectly.

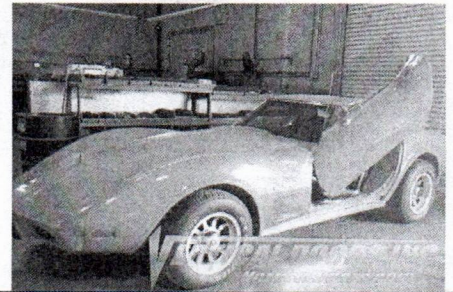
- 9) Cut the inner lip of your fender to make room for the Vertical Door Hinge. Note: Cut only enough for the hinge to move freely. After cutting the fender, use a sander to smooth out the cut. Use touch-up paint to protect the exposed material and give it a finished look.

Close the door and reinstall the Fender.

If you have any questions please do not hesitate to give us a call.

**NOTE: INSTALLATION FOR THE CORVETTE REQUIRES EXTRA STEPS
PLEASE READ THE INSTRUCTIONS BEFORE STARTING THE
INSTALLATION.**

Corvette C3



Scan the QC Code



to access detail,
full color installation
instructions



**DO NOT TAKE DOORS OFF
PLEASE FOLLOW THE
INSTRUCTION MANUAL**

WARNING

**DO NOT DRIVE WITH YOUR
DOORS UP!**

**If YOU DO SO, ALL
WARRANTIES ARE VOIDED,
AND MAY CAUSE DAMAGE.**

**VERTICAL DOORS INC. IS
NOT LIABLE FOR ANY
INJURY OR DAMAGE**

Before bringing the door down for the first time after installing the shock, make sure the horizontal adjustment screw is tightend such that there is no horizontal play. If you bring the door down with the door open too wide horizontally, you could break the shock.

If you have any question about installation please give us a call at (951) 245 8669

Para cualquier pregunta por favor llamanos a (951) 245 8669

para la mayoría de los vehículos, no quite las puertas

Advertencia: ¡No conduzca con las puertas levantadas! Si lo hace, anulará todas las garantías y puede causar daños.

Vertical Doors Inc. no es responsable de ninguna lesión o daño

NOTA:
Vertical Doors Inc.
No es responsable por
ningun daño debido a una
mala instalacion

Fabor de leer el manual
antes de comensar la
instalacion.

Es recomendado que se
use lubricantes on todas
las partes que se mueven
en la visagra cada 3-6
meses.



**CONGRATULATIONS ON THE
PURCHASE OF AN ORIGINAL
U.S. PATENTED
VERTICAL DOORS, INC. KIT**

U.S. PATENT #6,808,223; #6,845,547; #7,140,075; #7,059,655 and other patents pending.

**Now that you have installed your new Vertical
Doors, Inc. kit, show it off to everyone.**

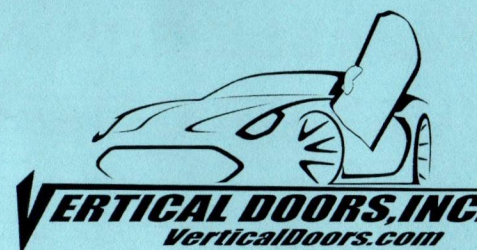
**Send us your best pictures for our review, and
we might post them on our website.**

**Your ride may appear in one of our feature
magazine ads or in other print materials.**

Please send your pics to social@verticaldoors.com

Leave your info so we can add caption to your pictures

(Your name, your shop's name, car club, etc).



- Please make sure you follow the Installation Manual included with your patented Vertical Doors, Inc. Kit.
- Using two installers will make the installation process much faster and safer.
- Experienced installers are highly recommended. (Please call us for the nearest Vertical Doors, Inc. installer.)
- Vertical Doors, Inc. kits have been engineered to work on an accident-free vehicle. If your vehicle has been in an accident, special modification may be required.
- Make sure to remove any items from your door as they may fall when your door goes vertical.
- Shock pressures have been adjusted to a normal factory door weight. If factory items have been removed or aftermarket equipment has been installed, you may need a different shock pressure.
- Make sure that all pivot points have been properly greased (please see instruction manual).
- We recommend that you grease all pivot points in your Vertical Doors, Inc. kit on a regular basis to ensure a long trouble-free life.
- Make sure your wires do not get pinched or damaged during installation or operation of the Vertical Doors, Inc. Kit.
- Vehicles with side air bags should have the system functionality verified by the dealer or a qualified mechanic using the proper scan tool after installation of a Vertical Doors, Inc. kit.
- Make sure to apply paint or primer to any exposed metal to prevent rust.
- Before you re-install your fenders, make sure that the door closes properly, and that all components work (door locks, power windows, power mirrors, etc.)

SAFETY AND INSTALLATION INFORMATION
IMPORTANT PLEASE READ CAREFULLY

Great care must be taken to ensure that no damage occurs to the rod which would damage the internal seal, specifically:

DO NOT SCRATCH, DENT, CHIP, BEND OR PAINT THE ROD
ROD DAMAGE WILL VOID YOUR WARRANTY

On gas shocks there is a seal where the rod enters the body. For longevity, this seal must be lubricated by the oil within the body. The seal is only lubricated when the shock is operated, therefore vehicles that sit may experience shock failures. We also do not recommend keeping extra shocks on the shelf for this reason. Shocks should be stored with the rod end down.

Gas springs normally lose their pressure gradually over a period of 2-7 years depending on operating conditions. Generally, All Lift Supports lose output force over time and this can be further impacted by extreme conditions. Colder temperatures accentuate power loss over time, leading to product failure.

GAS SPRINGS ARE PRESSURIZED WITH INERT NITROGEN GAS.

DO NOT PUNCTURE OR INCINERATE

Gas springs will not tolerate side load forces. Ensure that the mounting positions are in line and that any flexing of the load does not induce side load forces. Any side load applied to a shock due to improper operation can cause the shock to break. If we can tell that this is the cause of your failure your warranty will be void.

It is essential that the gas spring end fittings are fully screwed on when in use. Failure to fully screw the end fittings severely weakens the springs. Under no circumstances should the end fittings be unscrewed to increase the length of the springs.

When installing or removing the spring do not unscrew the rod from the end fitting. If the rod end fittings is removed, ensure that the rod does not rotate during its removal.

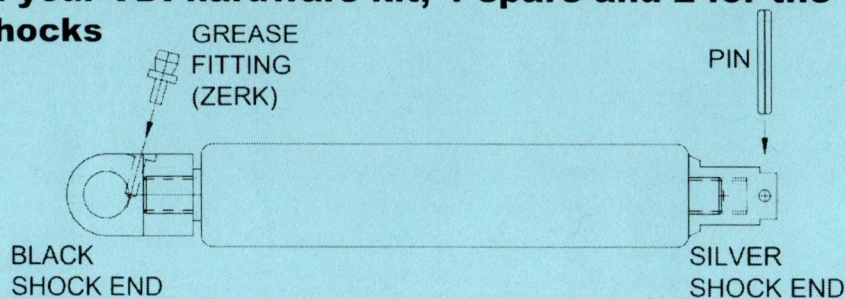
Gas springs should not be operated more than 15 times per minute. Faster rates of operation will lead to excessive heat build-up with subsequent internal seal damage.

The operating temperature range of our standard gas springs is -4 to 176°F
The internal pressure of the Lift Support changes with temperature. As the temperature decreases, so does the internal pressure. As the internal pressure decreases, so does the output force. For every 18°F change in temperature, the output force changes 3.5%.



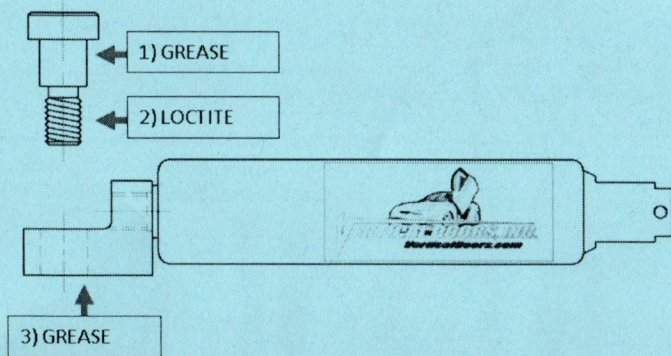
You must install the grease fitting into your VDI shock end

A total of three (3) grease fittings are included in your VDI hardware kit, 1 spare and 2 for the shocks



Align the grease fitting with its hole and tap in with a hammer

Please Note: Make sure you install the driver and passenger side shock on the proper side. The grease fitting should be serviceable when the fender is reinstalled.



IMPORTANT STEP: DO NOT SKIP THIS STEP. IF THIS STEP IS NOT COMPLETED WHEN INSTALLING THE VDI KIT; ALL WARRANTIES ARE VOIDED, AND MAY LEAD TO FUTURE PROBLEMS.

- 1) Apply grease on the body of shoulder bolt.
- 2) Apply Red Loctite on the threads of the shoulder bolt.
- 3) Apply grease on the bottom side of the shock end.

NOTE:

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

Please read instructions before starting installation.

It is recommended that every 3-6 months all moving parts of the hinge should be sprayed with a lubricant to ensure smooth hinge operation