

# Installation Instructions

## 1997-2005 C5 Chevrolet Corvette Exhaust System

Thank you for your purchase of this fine Billy Boat Performance Exhaust product. With proper installation your new Billy Boat Performance Exhaust system will last a lifetime. While installation of this product is very simple and straight forward, there are a couple areas that need some attention. These instructions apply to:

### ***Bullet***

*FCOR-0100*

*FCOR-0105*

### ***PRT***

*FCOR-0205*

*FCOR-0215*

*FCOR-0240*

### ***Route 66***

*FCOR-0200*

*FCOR-0210*

*FCOR-0235*

### **Tools need for installation:**

*Jack/Jack Stands*

*18mm Socket or Wrench*

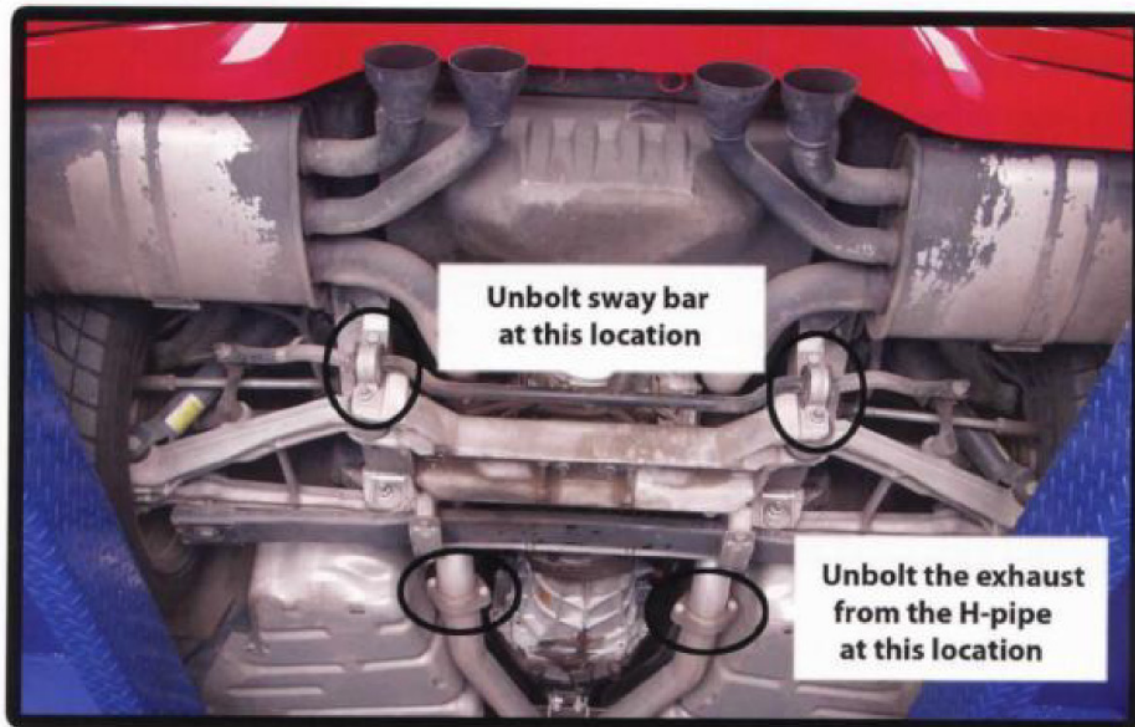
*15mm Socket and Wrench*

*13mm Socket and 6" Extension*

*bar-clamps*

#1- It helps to do this installation on a lift if you want to get the factory mufflers out in one piece. If a lift is not available you may have to cut the factory axle hoop away from the muffler.

#2- With the car safely lifted and chocked remove the nuts and bolts that hold the roll bar and lower the anti-roll bar from the center chassis mounts. It is not necessary to completely remove the bar; it just needs to be moved in order to get the axle hoops out



#3- Unbolt the flanges located just before the rear axle.

#4- Remove the factory rubber mount with the muffler by removing the two nuts holding the mount and begin to work the factory system out and away from the car by rotating it down and back.

#5- The Billy Boat Performance Exhaust's axle hoop and muffler assembly are two separate pieces. Starting with the axle hoops, position them accordingly using the new gaskets provided and factory hardware. Re-install the factory bolts that hold the axle hoops to the stock system, but do not completely tighten just yet.

#6- Re-install the anti-roll bar and tighten the upper bolts to 49-ft/lbs. of torque and the lower to 70 ft/lbs

#7- Position the new mufflers into place by sliding the mufflers onto the axle hoops. Slide the factory rubber hanger onto the hanger on the Billy Boat muffler and rotate the muffler up into position in the car. Start the nuts in the factory hanger, and just tighten them enough to still allow for movement while aligning the system, but do not tighten them completely.



\*Bullet system shown- PRT and Route 66 install the same way but use a 2.5" clamp

#8- With all components in place, use a straight edge along the bottom of the tips for proper alignment. The tips are designed to follow the curve at the rear fascia, so they may angle out slightly. Keep in mind that it may take some time to align them correctly.

#9- Start by tightening the flanges in front of the system first and then the clamps connecting the muffler sections making sure everything is still in alignment. (NOTE: If you want to be sure the system does not move you can place a small tack weld on the clamp.)

#10- Fire the car up and take it for a spin around the block making sure there are no rattles.

#11- After logging on a few hundred miles re-torque your work.