



## **C5 3" EXHAUST INSTALLATION INSTRUCTIONS FOR USE WITH HEADERS**

Thanks for purchasing Stainless Works 3" Muscleflow exhaust for your C5 Corvette. We have gone to great pains to make sure that our exhaust systems fit and sound great. Please follow these steps to ensure that your installation goes as planned. **Our 3" system is intended for Off Road Use only** since it does not include catalytic converters.

1. These installation instructions assume that you have Stainless Works headers already installed on your C5. If you are using another brand of header you will have to cut and weld the exhaust system to meet your collectors. You should have a qualified shop perform your cutting and welding to expedite the installation.
2. Installing the 3" exhaust is best performed on a lift by a qualified technician. The rear axle should be at full droop to allow the over axle pipes to be inserted first. Make sure that the vehicle is well supported before working underneath.
3. Install the mufflers in the factory location using the factory rubber hanger. Slip the over axle pipes into the welded elbow on the muffler. We recommend using high temp red RTV or muffler cement at all joints to prevent leaking, and also placing a small tack weld at each joint to secure the exhaust system once in place for extra security. Do not tack weld or tighten clamps until the system is in place.
4. Install the front lead pipes into the over axle pipes, then the x crossover, then the headpipes. It may be easiest to let the system droop while installing to get all components lined up.
5. Use the 2 supplied clamps with brackets welded to them for the rear factory spring mount. Again, we recommend a small tack on these clamps to prevent rotating under extreme use.
6. Install the rear tips and rotate to the proper angle. Make sure to have adequate clearance around all wires, hoses and lines. **If anything is in contact with the exhaust system, it will melt.** Make sure to have at least 1/2" of clearance and wrap any suspect areas with DEI thermal barrier wrap. The 3" system fits tightly on a C5, so make sure that you do have adequate clearance.
7. After all pipes are lined up, tighten all clamps. We do highly recommend placing a small tack weld at each joint for added security. If you do not wish to tack weld the joints, you may want to cut a small 1/4" long slot in 4 places around each expanded joint for added clamping-this can be done with a hacksaw or air powered whiz-wheel cutter (make sure to remove any debris or burrs from inside the pipe).
8. After double checking for clearance and making sure all lines, wires and hoses are secured, drive the car for 10-20 miles and re-check all clamps and clearances.