

Exhaust System Installation For Corvette C5/Z06



Thank you for purchasing a Borla Performance Cat-Back™ Exhaust System.

These Borla Performance Cat-Back™ Exhaust Systems (PN's 140426,140427,140428) are designed for the Chevrolet Corvette C5/Z06 equipped with a 5.7L V-8 engine, automatic or manual transmissions.

Borla Performance Industries recommends that an exhaust shop or professional after market parts installer, who has all the necessary equipment, tools and experienced personnel needed for proper installation, should perform the installation of this system. However, if you decide to perform the installation, we recommend someone should help you. Ensure the installer uses all under car safety precautions including eye protection.

Please take time to read and understand the following...

By installing your Borla Performance Exhaust System, you indicate that you have read this document and you agree with the terms stated below.

It is the responsibility of the purchaser to follow all installation instruction guidelines and safety procedures supplied with your Borla Performance Exhaust System

Borla Performance Industries assumes no responsibility for damages occurring from misuse, abuse, improper installation, improper operation, lack of responsible care, or all previously stated reasons resulting from incompatibility with other manufacturer's products and/or systems.

Minimum Required Tool List:

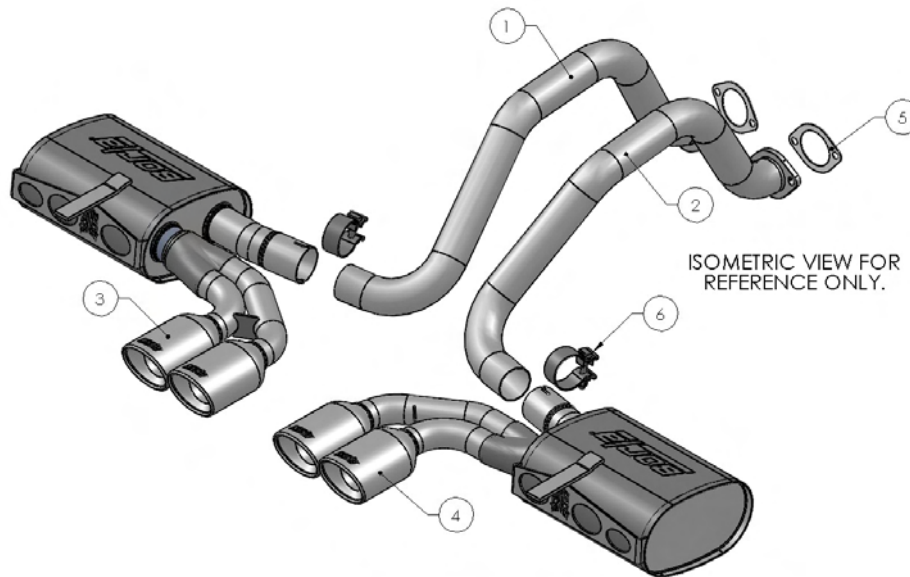
TOOLS:

1. 3/8" Drive Ratchet
2. 3/8" Drive Extension 3"
3. 15mm Deep Well Socket
4. 18mm socket
5. 13mm socket
6. Pry Bar

SHOP SUPPLIES:

- 1 Spray Lubricant

Borla Performance Cat-back™ Bill of Materials



ITEM NO.	QTY.	DESCRIPTION
1	1	LH OVER AXLE PIPE ASSEMBLY
2	1	RH OVER AXLE PIPE ASSEMBLY
3	1	LH MUFFLER ASSEMBLY
4	1	RH MUFFLER ASSEMBLY
5	2	2-BOLT GASKET: $\varnothing 2.60$ port, w/2 holes 3.69
6	2	S/S ACCUSEAL CLAMP $\varnothing 2.50$

Caution!!! *Never work on a hot exhaust system. Serious injury in the form of burns can result* If the vehicle has been in use and the exhaust system is hot, allow vehicle to cool for at least 1 hour. Always wear eye protection when working under any vehicle.

Note: It is our recommendation that you use a hoist or hydraulic lift to facilitate the installation of your new Borla Performance Rear Section Exhaust System.

Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

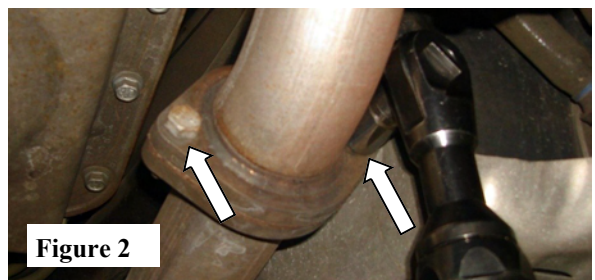
Note: Before removing the original exhaust system from your vehicle, please compare the parts you have received with the bill of materials provided on the previous page to assure that you have all the parts necessary for the installation of your new Borla Performance Rear Section Exhaust System.

Original Exhaust System Removal

Note: With a used vehicle, we suggest a penetrating spray lubricant to be applied liberally to all exhaust fasteners and allowing a significant period of time for the chemical to lubricate the threads before attempting to disassemble.

1. Loosen (4) 18mm bolts/13mm nuts securing the anti-sway bar leaving the bottom bolts in place, which run through the lower control arm. (See Fig.1)
2. Rotate the anti-sway bar down and out of the way.
3. Remove (2) bolts from each flange in front of the over axle pipe assemblies. (See Fig.2)
4. On automatic transmission equipped models, remove the muffler hangers located above the mufflers at the rear of the vehicle by removing the two bolts holding each one in place. On manual transmission models this does not have to be done, as there is more room to remove the muffler/over axle pipe assemblies. (See Fig.3)
5. Remove left-side and right-side exhaust system the vehicle. (See Fig.4)

Warning: Use extreme caution during installation. Torque all fasteners according to manufacturer's torque values and tightening sequence. **DO NOT** use air impact tools to tighten fasteners on Borla Performance Exhaust Systems. Use of such tools may result in bent flanges or gasket contact areas leading to exhaust leaks.



Borla Performance Cat-Back™ Exhaust System Installation

1. Orient components on floor referencing page-2 drawing. (See fig.5)
2. Starting with RH Muffler Assembly, slide OE muffler hangers on to the muffler brackets. Place a clamp over expanded end of pipe. (See Fig.6)
3. Place the RH Over Axle pipe assembly into position and bolt onto the flange using the provided gaskets and original hardware. Hand tighten bolts. (See Figs.7 & 8)
4. Place the RH Muffler Assembly by inserting expanded pipe (with clamp) over RH Over Axle Pipe. Bolt the rubber hangers into position. On manual transmission equipped models you should be able to slide muffler hangers back into their rubber brackets and attach mufflers to over axle pipe assembly using the hardware provided. (See Fig.9)
5. Repeat steps 2 –4 for left side components.
6. Holding exhaust tips into proper position, tighten the flanges at the muffler.
7. Check your exhaust system for proper clearance under the vehicle and also for tip alignment.
8. Once position has been determined to be correct, swing the anti-sway bar back into position re-installing the original hardware previously removed.
9. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
10. Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose or incorrectly positioned clamp) and repair as necessary.

Congratulations!!! You have completed the installation of the world famous Borla Performance Stainless Steel Exhaust System.

Note: When you first start your vehicle after the installation of your new Borla Performance Exhaust System, there may be some smoke and fumes coming from the system. This is a protective oil based coating used in the manufacturing of mandrel bent performance exhaust tubing. This is not a problem and will disappear within a very short period of time after the exhaust has reached normal operating temperatures.



Figure 5

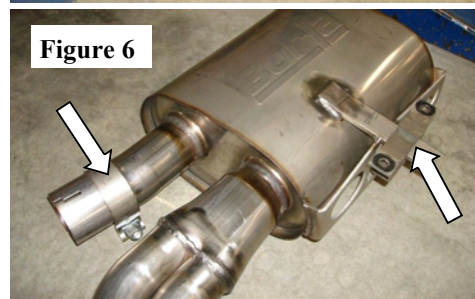


Figure 6

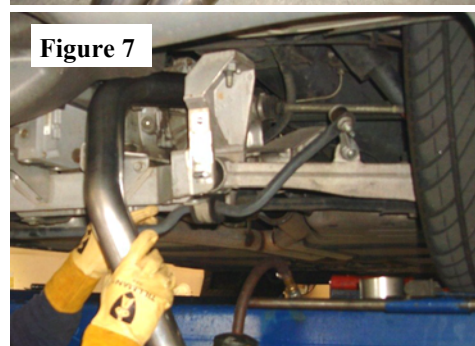


Figure 7

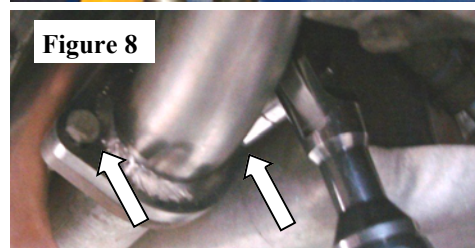


Figure 8

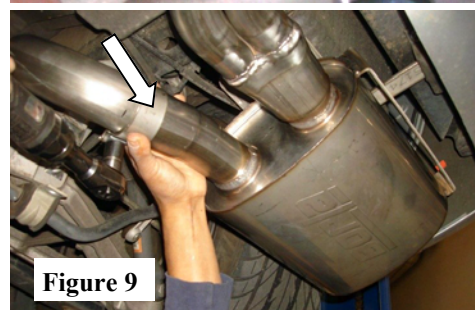


Figure 9

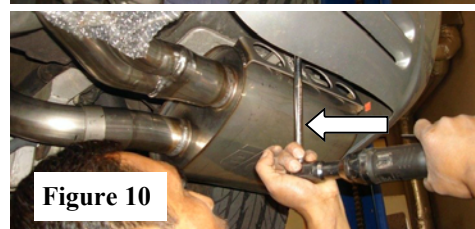


Figure 10