



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

Precision manufactured using aircraft quality T-304 stainless steel; this system is designed to endure years of heavy use. Installing a Borla Performance Exhaust System on your vehicle will eliminate the restrictive design of the stock exhaust, allowing your engine to discharge exhaust gas easier. The result is more horsepower and torque, longer engine life, and a distinctive throaty growl- all this, with easy bolt-on installation. These installation instructions have been written to help you in the installation of your Borla Performance Exhaust System. Please read it completely before installing your system.

**This Borla Performance Cat-Back™ Exhaust System (Part number 14663) has been designed for the 1996-2002 Dodge Viper GTS.**

<p>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.</p>
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*Please take time to read and understand the following...*

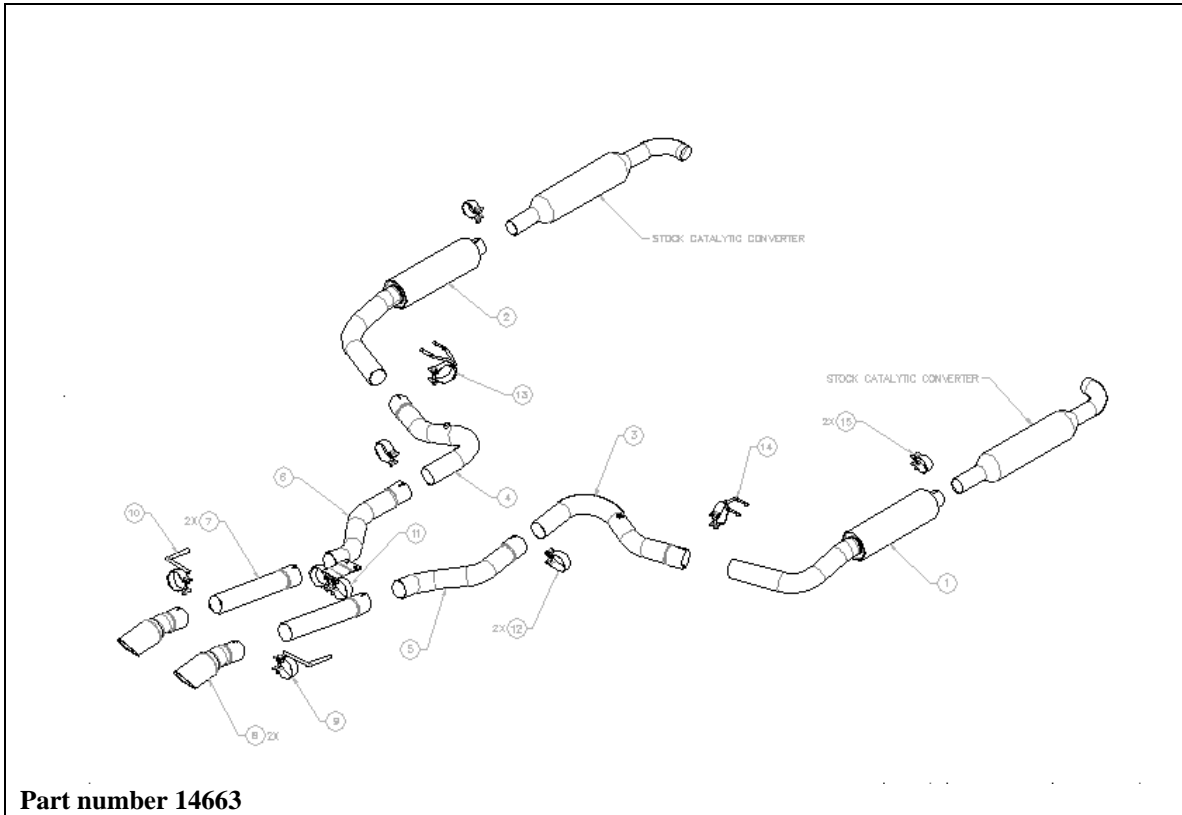
By installing your Borla Performance Exhaust System, you indicate that you have read this document and you agree with the terms stated below.

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.

Included with your Borla Performance Exhaust System is a warranty card. Please read it carefully before you begin any work on your vehicle. If you should have any questions regarding our warranty policy, installation, or any other matter pertaining to your new Borla Performance Exhaust System, please give us a call at the number provided on the warranty card.

## Borla Performance Cat-Back™ Bill of Materials



**Part number 14663**

1. Right front muffler assembly
2. Left front muffler assembly
3. Right over axle pipe assembly
4. Left over axle pipe assembly
5. Right intermediate pipe
6. Left intermediate pipe
7. Connector pipe (qty 2)
8. Tip assembly (qty 2)
9. Right rear muffler clamp assembly
10. Left rear muffler clamp assembly
11. Bracket/Clamp assembly
12. 3.00" Accuseal™ clamp (qty 2)
13. Left Hanger/Clamp assembly
14. Right Hanger/Clamp assembly
15. 2.5" Accuseal™ clamp (qty 2)

**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 Cat-Back™ 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 Cat-Back™ 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. Disconnect battery by removing the negative (-) cable from the battery terminal first.
2. Remove the four bolts at the rear of the vehicle securing the rubber brackets.
3. Remove the rear clamps located at the rear of the vehicle at the slip fit connection that separates the front and rear sections of the exhaust system.
4. Using a rubber mallet, remove the rear section of the exhaust system by striking it at the slip fit, hitting toward the rear of the vehicle.
5. Applying a sparing amount of spray lubricant, remove the rubber brackets from the stock exhaust system and place them aside for use on the new Borla Performance Cat-Back™ system.
6. Remove the fiberglass skirts from under each door by removing the six screws on top and four screws on the bottom of each skirt.
7. Remove both oxygen sensors from the center pipes located just in front and inside of each rear tire.
8. On both sides of the vehicle, loosen the clamp that is located between the catalytic converter and the muffler and slide the clamps onto the catalytic converter pipe.
9. On both sides of the vehicle, remove the hardware securing each side rail hanger to the vehicle located at the bottom of each doorsill in front of the rear wheels.
10. Remove each muffler section by rotating it and pulling towards the rear of the vehicle and out at the same time.
11. Applying a sparing amount of spray lubricant, remove each side rail hanger from the rubber brackets. Set the rubber brackets aside for use with the Borla Performance Cat-Back™ system.

# Borla Performance Cat-Back™ Exhaust System Installation

**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. If any welding is performed, protect vehicle brake, fuel, vacuum or similar lines. Always check for any damage after welding has been done. Also check inside vehicle for damage to such items as carpet, inner liner, etc. Always have a class C fire extinguisher and a bucket of water available during any welding process.

1. Install the rubber brackets previously removed from the side rail hangers using the original hardware.
2. Install the rubber brackets previously removed from the rear of the vehicle using the original hardware.
3. Place a clamp over the expanded end of both left and right front muffler assemblies and place into position sliding them on to the catalytic converter pipe as shown in figure 1. **DO NOT** tighten the clamp.
4. Install oxygen sensors into both left and right over axle pipe assemblies.
5. Place the appropriate hanger/clamp assembly over the expanded end of both left and right over axle pipe assemblies. Place left and right over axle pipe assemblies in position installing the hangers into the rubber brackets as shown in figure 2. **DO NOT** tighten the clamp.

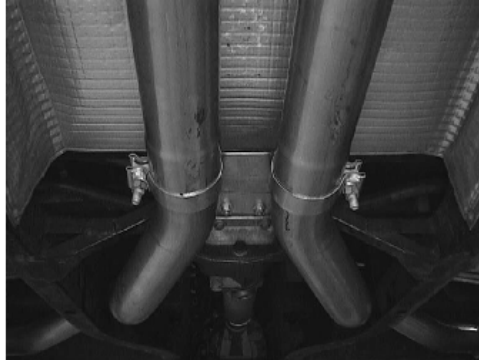


**Figure 1**



**Figure 2**

6. Place a clamp over the expanded end of both left and right intermediate pipes and install them into position. **DO NOT** tighten the clamps.
7. Place the bracket/clamp assembly over the expanded end of both connector pipes and place them into position sliding them over each intermediate pipe. Secure the bracket/clamp assembly to the vehicle using the original hardware as shown in figure 3. **DO NOT** tighten the clamp.
8. Place the appropriate rear clamp assembly on the expanded end of each tip assembly. Place each tip assembly into position installing the hangers into the rubber brackets as shown in figure 4. **DO NOT** tighten the clamp.



**Figure 3**



**Figure 4**

9. Check your exhaust system for proper clearance under the vehicle and also for tip alignment.
10. Once position has been determined to be correct, tighten the Accuseal™ clamps to 32-35 ft. lbs. working from the front of the vehicle to the rear.
11. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
12. Connect the battery to the vehicle positive (+) cable first.
13. 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.
14. Install both left and right side skirts using the original hardware.

*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.*



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