



**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 140079) has been designed for 2004 Nissan Titan equipped with a 5.6L V-8 engine, crew cab or extended cab short bed, two or four-wheel drive and 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...*

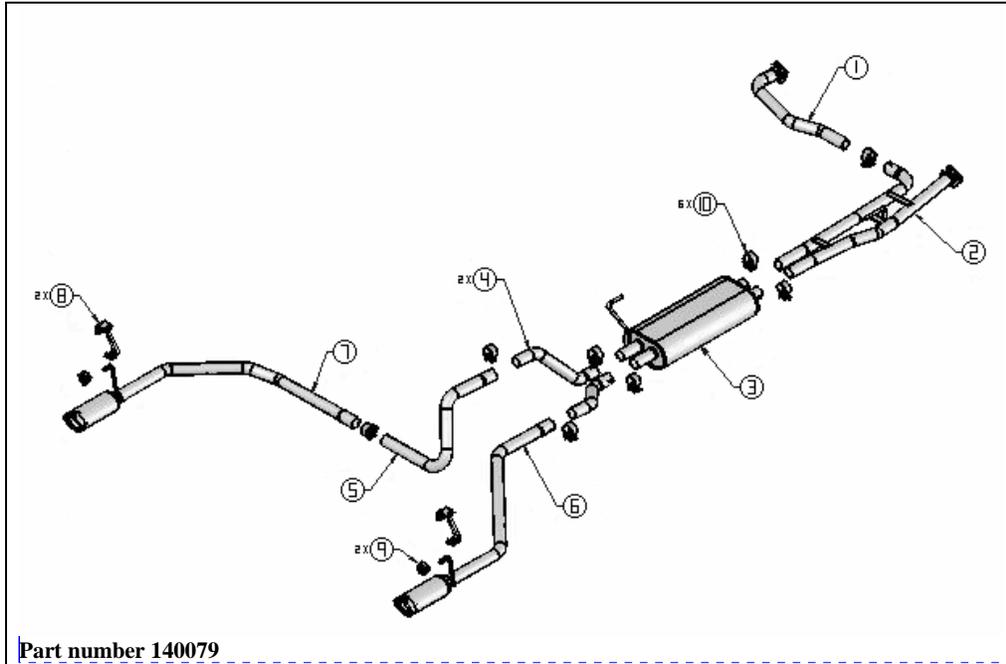
By installing your Borla Performance Exhaust System, you indicate that you have read this document and you agree with the terms stated below.

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.

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



1. Left front pipe assembly
2. Muffler inlet pipe assembly
3. Muffler assembly
4. Muffler outlet pipe
5. Over axle pipe (qty 2)
6. Right tail pipe assembly
7. Left tail pipe assembly
8. Hanger/bracket assembly (qty 2)
9. Rubber bracket (qty 2)
10. 2.00" Accuseal™ clamp (qty 6)

**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. Unbolt the flange shown in figure 1 located just behind the muffler assembly.
2. Lubricate all hangers and rubber brackets.
3. Using a muffler stand or an additional person to hold the tail pipe up in place, remove the hanger from the rubber bracket and remove the tail pipe from the vehicle as shown in figure 2.

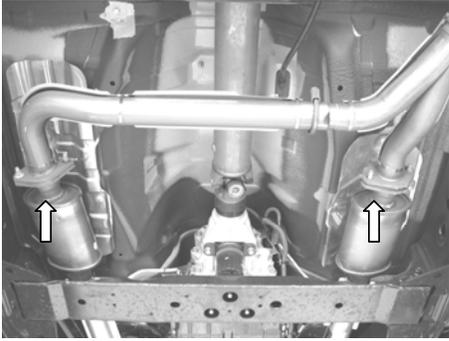


**Figure 1**

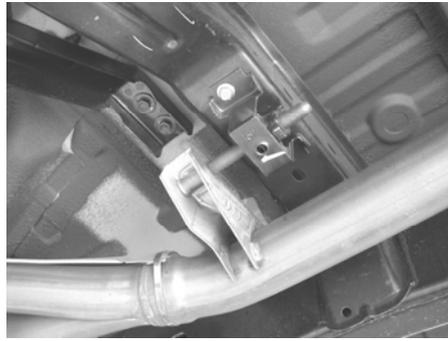


**Figure 2**

4. Unbolt the flanges shown in figure 3 located in front of the muffler assembly making sure to remove the ground strap located on the left flange.
5. Using a muffler stand or an additional person to hold the remaining exhaust up in place, unbolt the rubber bracket shown in figure 4 from the frame of the vehicle.



**Figure 3**

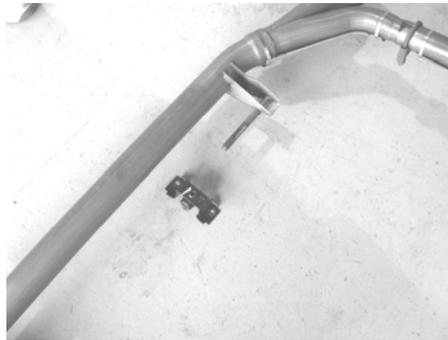


**Figure 4**

6. Carefully remove the remaining exhaust from the vehicle as shown in figure 5.
7. Remove the rubber hanger from the original exhaust as shown in figure 6 and install it onto the right front pipe assembly of your new exhaust.



**Figure 5**

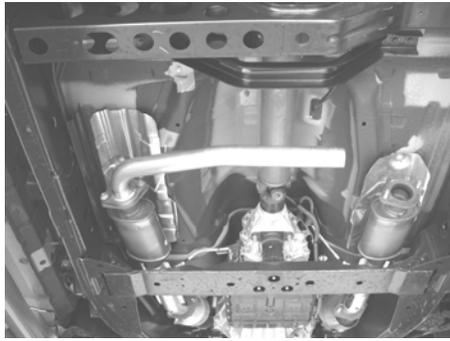


**Figure 6**

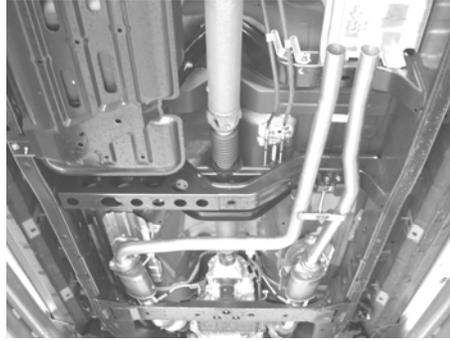
## **Borla Performance Cat-Back™ Exhaust System Installation**

**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.

1. Using the original hardware and gasket, place the left front pipe assembly into position as shown in figure 7 making sure to install the ground strap. Hand-tighten the hardware for now.
2. Using the original hardware and gasket, place a clamp over the expanded end of the right front pipe assembly and set it into position as shown in figure 8. Hand-tighten the hardware for now. Using the vehicle manufacturer's recommendations, secure the rubber bracket to the frame of the vehicle using the original hardware.

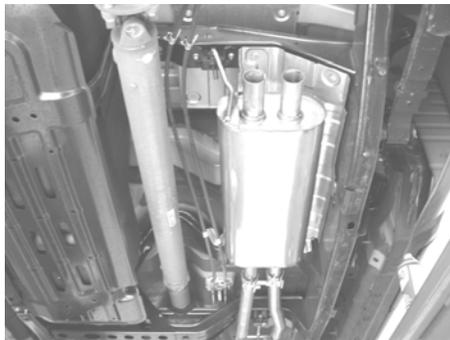


**Figure 7**

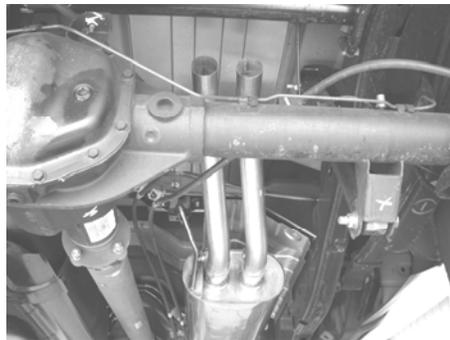


**Figure 8**

3. Place a clamp over the expanded end of each muffler inlet pipe and set the muffler assembly into position as shown in figure 9. DO NOT tighten the clamps.
4. Place a clamp over the expanded end of both left and right intermediate pipes and place them into position as shown in figure 10. DO NOT tighten the clamps.

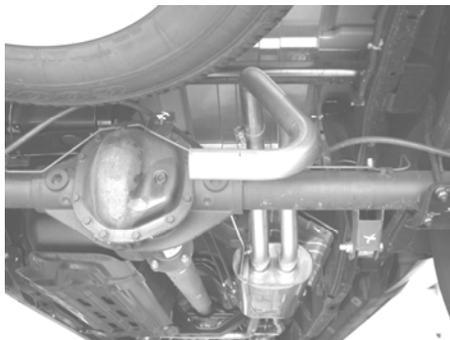


**Figure 9**



**Figure 10**

5. Place a clamp over the expanded end of left over axle pipe assembly and set it into position as shown in figure 11. DO NOT tighten the clamp.
6. At the rear of vehicle just behind each leaf spring, install each hanger/bracket assembly as shown in figure 12. Install a rubber bracket onto each hanger/bracket assembly.

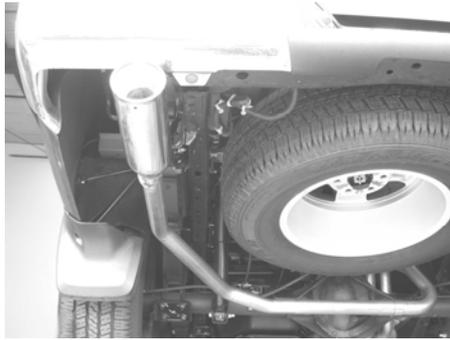


**Figure 11**



**Figure 12**

7. Place a clamp over the expanded end of the left tail pipe assembly and set it into position as shown in figure 13 installing the hanger into the rubber bracket. **DO NOT** tighten the clamp.
8. Place a clamp over the expanded end of the right tail pipe assembly and set it into position as shown in figure 14 installing the hanger into the rubber bracket. **DO NOT** tighten the clamp.



**Figure 13**



**Figure 14**

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.
11. Secure the flanges to the vehicle manufacturers recommendations.
12. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
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.

*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.