

## Installation Guide for Jeep Grand Cherokee

PN: 140955



**\*\*\*\*\* Please compare the parts in the box with the bill of materials provided \*\*\*\*\*  
to assure that you have all the parts necessary for this installation.**

These instructions have been written to help you with the installation of your Borla Performance exhaust system. Please read this document completely before beginning the installation of your system.

To ensure this part number fits your specific model year, please visit our website for the latest model year listings at [www.BORLA.com](http://www.BORLA.com)

Thank you for purchasing a Borla Performance Cat-Back™ exhaust system.

Borla Performance Cat-Back™ exhaust system PN 140955 is designed for the Jeep Grand Cherokee, equipped with a 3.6L V-6 naturally-aspirated engine and 4WD automatic transmission.

**This system will not fit Grand Cherokee models without valance mounted exhaust tips.**

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.

### Minimum Required Tool List:

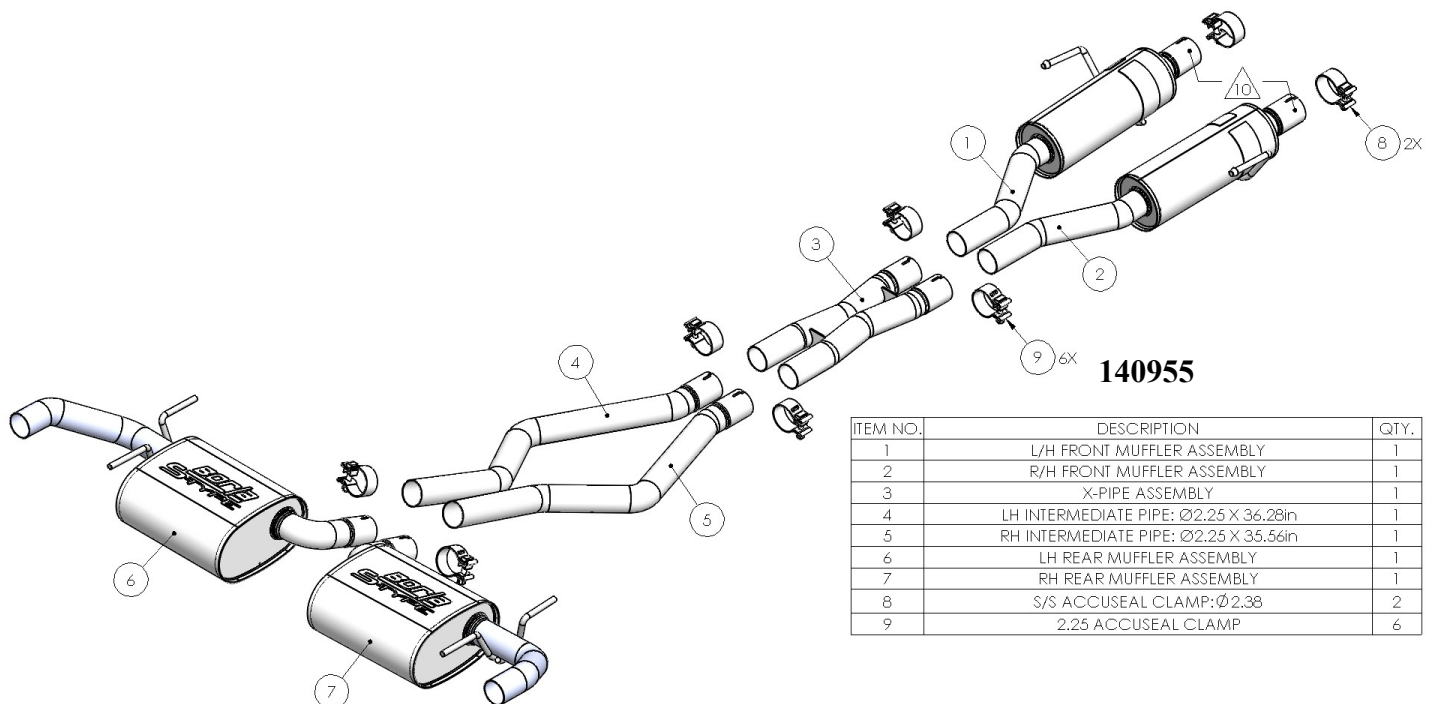
#### **TOOLS:**

1. 3/8" drive ratchet
2. 3/8" drive extension 6"
3. 13mm socket
4. 15mm box end wrench
5. 15mm deep well socket
6. Pry bar

#### **SHOP SUPPLIES:**

1. Spray lubricant

### Borla Performance - Bill of Materials



**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 Exhaust System.*

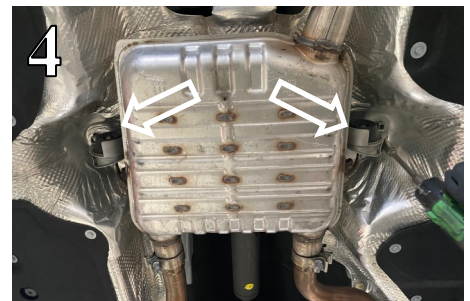
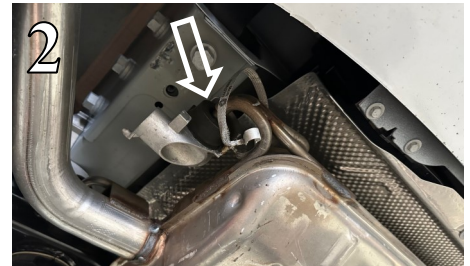
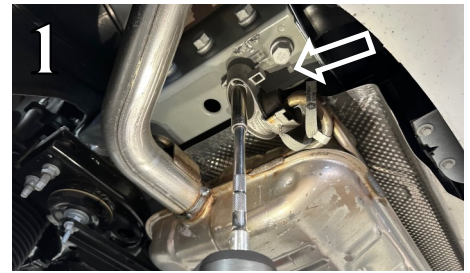
**Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.**

**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 Exhaust System.*

**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.*

## Original Exhaust System Removal

1. Lubricate all hangers, rubber isolators, bolts and nuts.
2. Loosen and remove the hardware attaching the rear muffler assembly rear isolators to the vehicle (Fig. 1). Save this hardware for reinstallation.
3. Disconnect the ground strap from the driver's side of the rear muffler assembly (Fig. 2).
4. Loosen the clamps that attach the front muffler assembly to the vehicle (Fig. 3).
5. Loosen and remove the hardware attaching the front muffler assembly isolators to the vehicle and remove the isolator assemblies from the front muffler assembly (Figs. 4-5). Save the isolator assemblies and hardware for installation of your Borla system.
6. Remove the entire exhaust assembly by sliding it toward the rear of the vehicle out of the front inlets and then move the entire system down and out toward the front of the vehicle (Fig. 6).
7. Not shown: Remove the isolator assemblies from the rear muffler assembly for installation of your Borla system.





## Borla Performance Cat-Back™ Exhaust System Installation

1. Orient components on shop floor according to Borla bill of materials drawing on page 2.
2. Install the original isolator assembly onto the hanger of the **L/H Front Muffler Assembly**. Place a clamp over the expanded end of the **L/H Front Muffler Assembly** and insert the inlet to the vehicle (Fig. 7). Do not tighten the clamp.
3. Repeat Step 2 for installation of the **R/H Front Muffler Assembly**.
4. Attach the isolator assemblies to the vehicle using the original hardware (Fig. 8).
5. Place a clamp over each of the expanded ends of the **X-Pipe Assembly** and insert the inlet to the **Front Muffler Assemblies** (Fig. 9). Do not tighten the clamps.
6. Place a clamp over the expanded end of the **L/H Intermediate Pipe** and insert the inlet to the **X-Pipe Assembly** (Fig. 10). Do not tighten the clamp.
7. Repeat for the **R/H Intermediate Pipe**.
8. Place a clamp over the expanded end of the **L/H Rear Muffler Assembly**. Feed the outlet through the valance and insert the hanger into the original rubber isolator while at the same time inserting the inlet to the **L/H Intermediate Pipe** (Fig. 11). Do not tighten clamp.
9. Insert rear isolator assembly onto the hanger and attach to the vehicle using the original hardware. Attach the grounding strap to the hanger (only found on the **L/H Rear Muffler Assembly**) (Fig. 12).
10. Repeat Steps 8-9 for installation of the **R/H Rear Muffler Assembly**.
11. Once position has been determined to be correct, tighten the Accuseal clamps to 32-35 ft. lbs.
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 the vehicle and check for any leaks. If any leaks are found, determine cause (such as loose or incorrectly positioned clamp) and repair as necessary.

**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.

**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.

