

Installation Guide for Jeep Grand Cherokee 4xe PN 140933



******* Please compare the parts in the box with the bill of materials provided *****
to ensure 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

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

This Borla Performance Cat-Back™ exhaust system PN 140933 is designed for the Jeep Grand Cherokee 4xe, equipped with a 2.0L inline-4 turbo-charged engine and AWD automatic transmission.

This system is designed for vehicles with exhaust cut outs in the rear valance.

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:

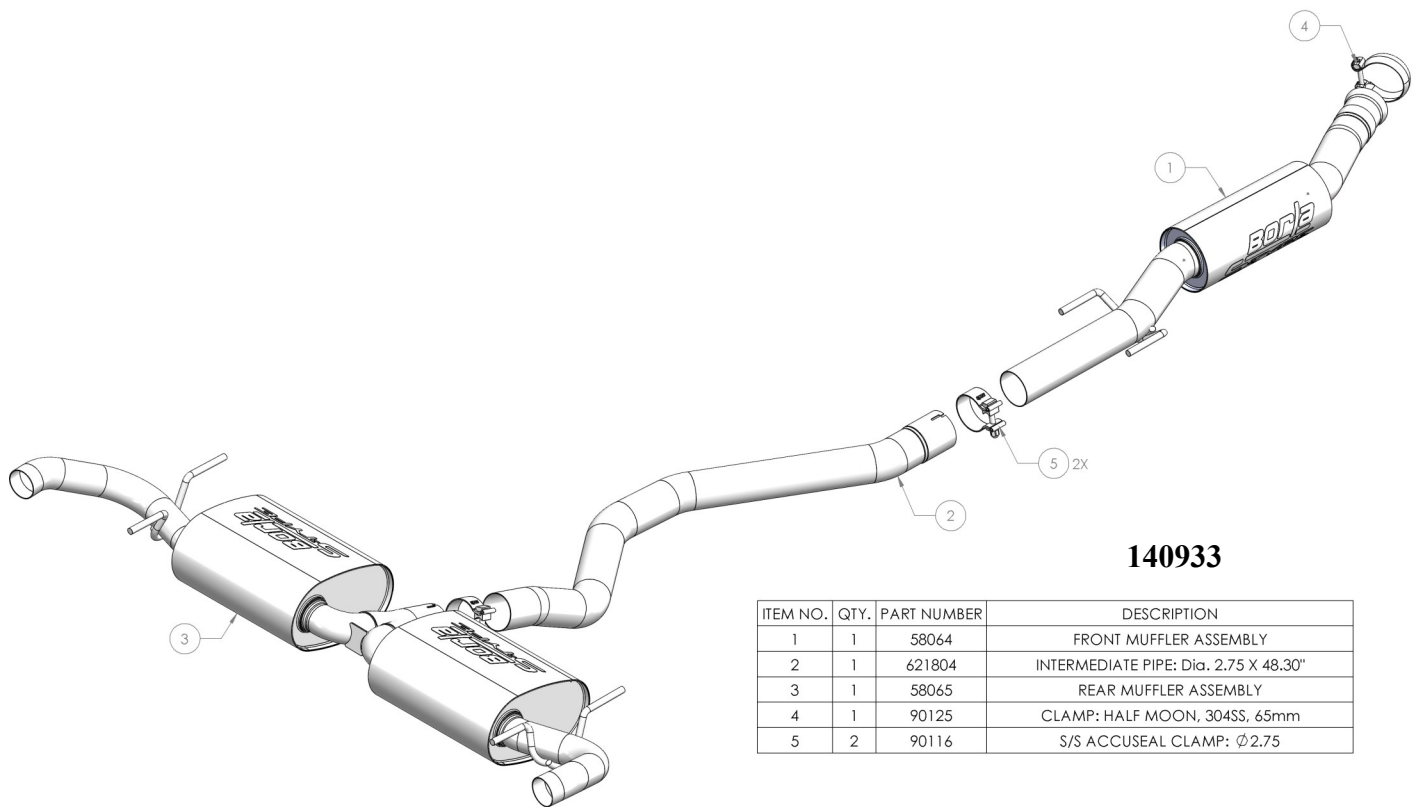
TOOLS:

1. 3/8" drive ratchet
2. 3/8" drive extension 6"
3. 13mm deep well socket
4. 15mm deep well socket

SHOP SUPPLIES:

1. Spray lubricant

Borla Performance - Bill of Materials



140933

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	58064	FRONT MUFFLER ASSEMBLY
2	1	621804	INTERMEDIATE PIPE: Dia. 2.75 X 48.30"
3	1	58065	REAR MUFFLER ASSEMBLY
4	1	90125	CLAMP: HALF MOON, 304SS, 65mm
5	2	90116	S/S ACCUSEAL CLAMP: Ø2.75

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.

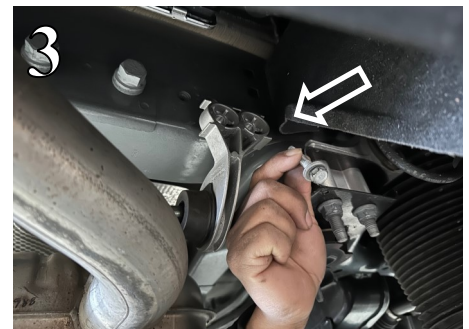
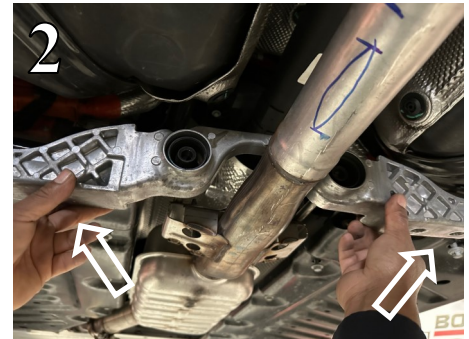
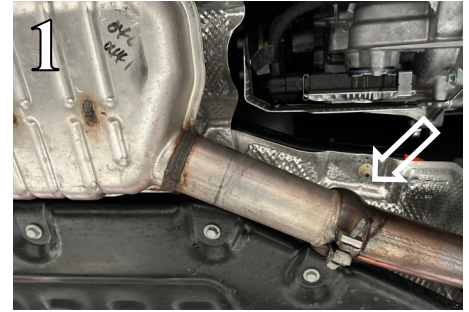
Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

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.

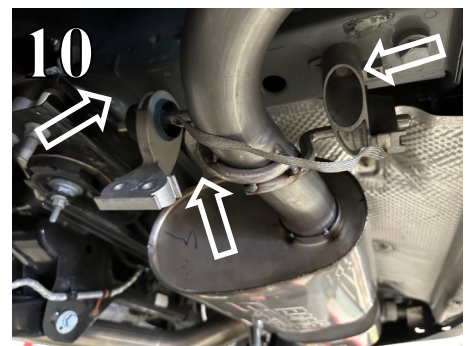
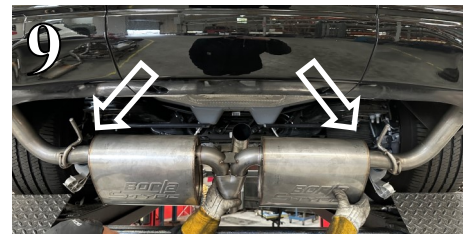
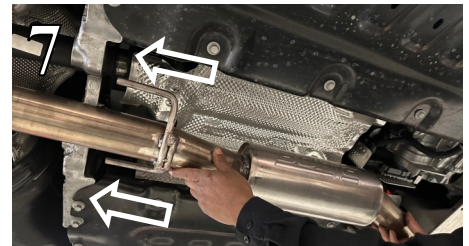
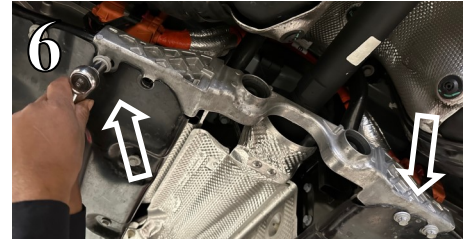
Original Exhaust System Removal

1. Lubricate all hangers, rubber isolators, bolts and nuts.
2. Loosen the clamp that connects the exhaust system to the vehicle (Fig. 1).
3. Loosen and remove the 4 bolts on the isolator assembly and remove the hangers from their rubber isolators by sliding the entire assembly toward the rear of the vehicle (Fig. 2).
4. Using a muffler stand or another person, carefully hold the exhaust system in position while you loosen and remove the hardware connecting the 4 isolator assemblies to the rear muffler assembly. Unclip the grounding wire from the muffler hanger (Figs. 3-4). Keep the hardware for later installation.
5. Carefully lower the exhaust system from the vehicle (Fig. 5).
6. Remove the 4 isolator assemblies from the rear muffler assembly to be installed on your Borla system.
7. Original exhaust system removed.



Borla Performance Cat-Back™ Exhaust System Installation

1. Orient the components on shop floor according to Borla bill of materials drawing on page 2.
2. Install isolator assembly with original hardware that was taken off of the vehicle during removal of the original system (Fig. 6).
3. Place the half-moon clamp over the flared end of the **Front Pipe Assembly** and insert the inlet to the vehicle. Insert the hangers into the original rubber isolator assembly (Fig. 7). Do not tighten the clamp.
4. Place a clamp over the expanded end of the **Intermediate Pipe** and insert the inlet to the **Mid Pipe Assembly** (Fig. 8). Do not tighten the clamp.
5. Install the original rubber isolators onto the **Rear Muffler Assembly** hangers in the same orientation as they were on the original exhaust system.
6. Place a clamp over the expanded end of the **Rear Muffler Assembly** and insert the inlet to the **Intermediate Pipe** while feeding the tailpipe outlets into their positions in the valance (Fig. 9). Do not tighten the clamp.
7. Install the **Rear Muffler Assembly** isolator assemblies to the vehicle using the original hardware. Clip the grounding wire onto the hanger of the **Rear Muffler Assembly** as shown (Fig. 10).
8. Once position has been determined to be correct, tighten the Accuseal clamps to 32-35 ft. lbs (Fig. 11).
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 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.