

Installation Manual for Jeep Grand Cherokee WK2 PN 140748



******* 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.

Thank you for purchasing a Borla Performance Exhaust System.

Borla Performance Cat-Back™ Exhaust System (PN 140748) is designed for the Jeep Grand Cherokee equipped with a 3.6 L V6 engine, 4WD/2WD automatic transmission.

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:

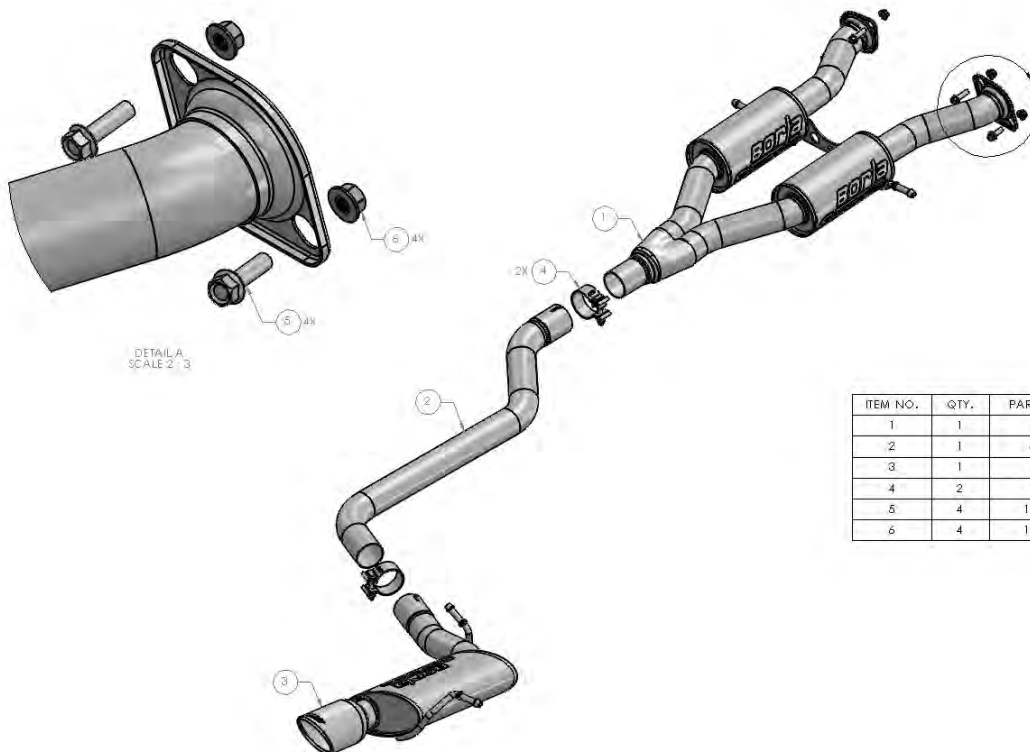
TOOLS:

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

SHOP SUPPLIES:

- 1 Spray Lubricant

Borla Performance - Bill of Materials



140748

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	56826	FRONT MUFFLER ASSEMBLY
2	1	620226	INTERMEDIATE PIPE:Ø2.50" X 41.13"
3	1	56827	REAR MUFFLER ASSEMBLY
4	2	90113	S/S AOCUSEAL CLAMP Ø2.50
5	4	11615767	SCREW:FLNG, HXHD, M10x35mm, 1.50mP
6	4	11614597	FLANGE NUT: M10 - 1.5mm Thread

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.*

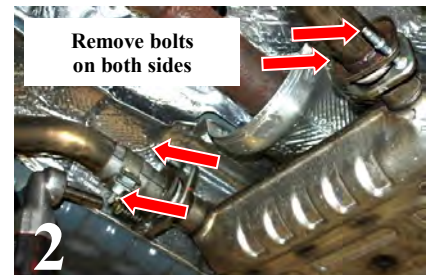
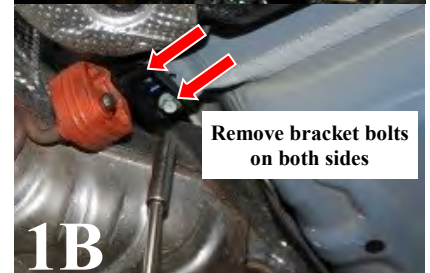
Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

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. Remove (2) bolts on the left-side and right-side bracket hangers, **(4) bolts total**. Keep hardware for reinstallation later. (See Figs. 1A & 1B)
2. Remove (4) nuts on the exhaust front flanges. (See Fig. 2)
3. Using a muffler stand or an additional person to hold the exhaust system in position, remove the hangers from the rubber isolators with a pry bar and remove the remaining exhaust system from the vehicle. (See Fig. 3)
4. Single-piece exhaust removed from vehicle. (See Fig. 4)



Borla Performance Cat-Back™ Exhaust System Installation

1. Orient components on floor referencing page-2 drawing.
2. Reinstall both left-side and right-side hangers to the vehicle using the factory hardware. **Attach the rubber isolator to the left-side bracket and attach the right-side rubber isolator to the Front Muffler Assembly.**
3. Install **Front Muffler Assembly** carefully inserting the left-side hanger into the (hanging) OE rubber isolator, then insert the right-side rubber isolator to the right-side bracket. Use the provided hardware and hand tighten the (4) flange bolts assemblies. (See Fig. 5)
4. Place a clamp over the expanded end of the **Intermediate Pipe Assembly** and insert it to the outlet of the installed **Front Muffler Assembly**. (See Figs. 6A & 6B) Do not tighten the clamp.
5. Place a clamp over the expanded end of the **Rear Muffler Assembly** and insert into outlet of installed **Intermediate Pipe Assembly**. (See Fig. 7) Do not tighten the clamps.
6. Start at front flanges and move to the rear of vehicle. Tighten the flange bolt hardware 10 ft. lbs. torque.
7. Orient position of bolt (on supplied clamps) between (not over) pipe notches and tighten nut 35 ft. lbs. torque.
8. Align tip and tighten clamp nut on **Rear Muffler Assembly**. Loosen clamps to rotate or slide pipe for better alignment. (See Fig. 8)
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.



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.