

Installation Guide for RAM 1500 RHO

PNs: 60755 & 60756



******* 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

Thank you for purchasing a Borla Performance Mid-Section exhaust system.

Borla Performance Mid-Section exhaust PNs 60755 and 60756 are designed for the RAM 1500 RHO equipped with a High Output 3.0L inline-6 twin turbo-charged engine and automatic 4WD transmission.

NOTE: These Mid-Section exhaust systems will work with both the original tips and Borla Optional Tip PNs 60718, 60718BC, & 60719CB.

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. 15mm deep well socket
3. 16mm deep well socket
4. Pry bar

5. Reciprocating Saw with metal cutting blade

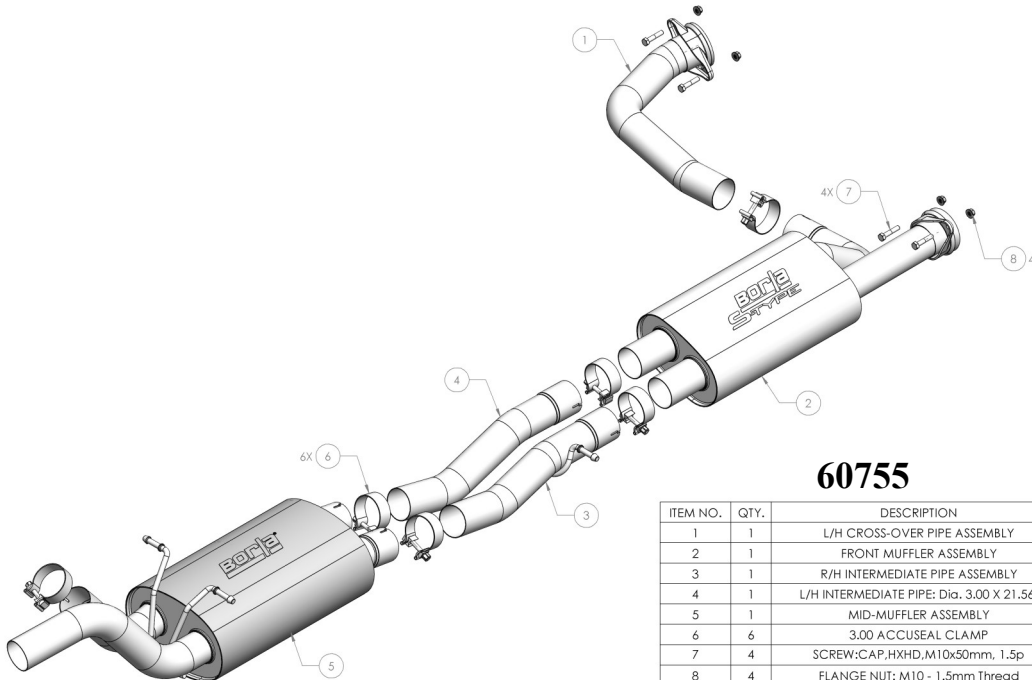
6. Tape Measure

7. Hammer

SHOP SUPPLIES:

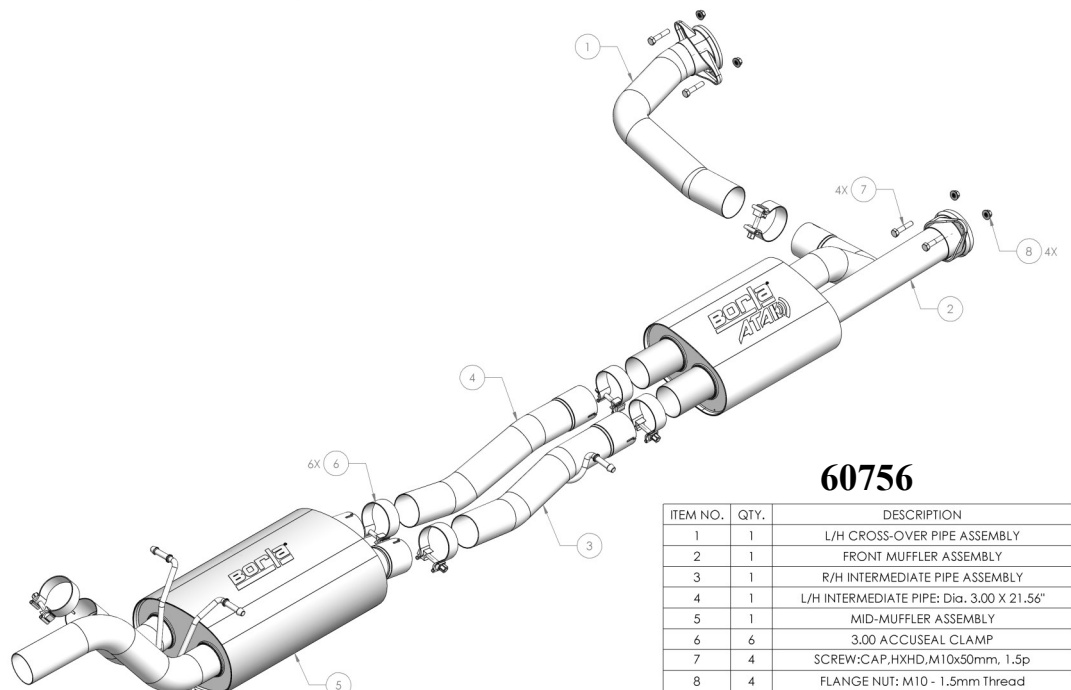
1. Spray lubricant

Borla Performance - Bill of Materials



60755

ITEM NO.	QTY.	DESCRIPTION
1	1	L/H CROSS-OVER PIPE ASSEMBLY
2	1	FRONT MUFFLER ASSEMBLY
3	1	R/H INTERMEDIATE PIPE ASSEMBLY
4	1	L/H INTERMEDIATE PIPE: Dia. 3.00 X 21.56"
5	1	MID-MUFFLER ASSEMBLY
6	6	3.00 ACCUSEAL CLAMP
7	4	SCREW:CAP,HXHD,M10x50mm, 1.5p
8	4	FLANGE NUT: M10 - 1.5mm Thread



60756

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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.*

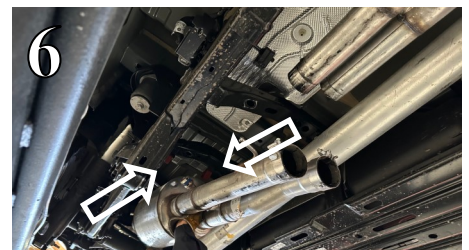
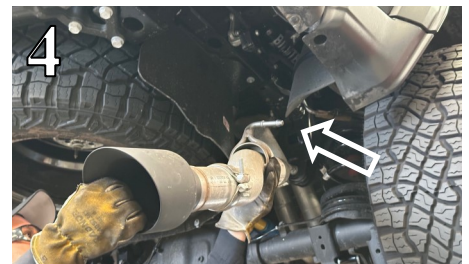
Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

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.*

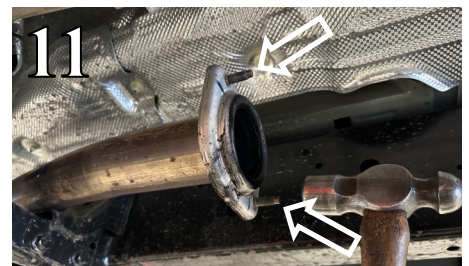
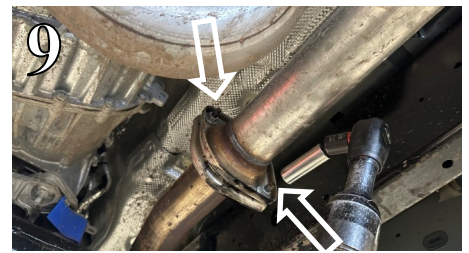
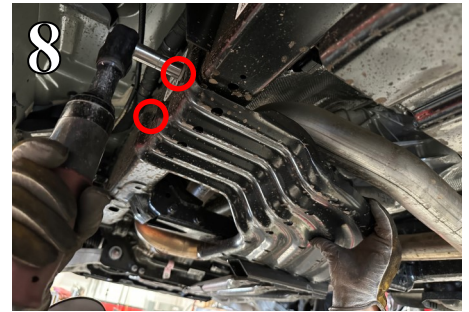
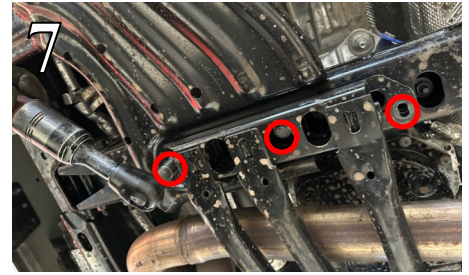
Original Exhaust System Removal

1. Lubricate all hangers, rubber isolators, bolts and nuts.
2. Make a mark and cut with a reciprocating saw 1/2" above the bend clamp indent on the driver side tail pipe (Figs. 1-2).
3. Loosen the clamp that attaches the passenger side tailpipe to the muffler assembly. Using a flathead screwdriver or a prybar, remove the hanger from the rubber isolator and remove the tailpipe from the vehicle (Figs. 3-4).
4. Loosen both clamps at the inlet of the muffler assembly. Using a flathead screwdriver or a prybar, remove the 3 muffler assembly hangers from their rubber isolators (Figs. 5-6).
5. Separate the muffler assembly from front crossover assembly by sliding the assembly toward the rear of the vehicle. Once detached, the end with the clamps will need to be lowered toward the front of the vehicle (Fig. 6).



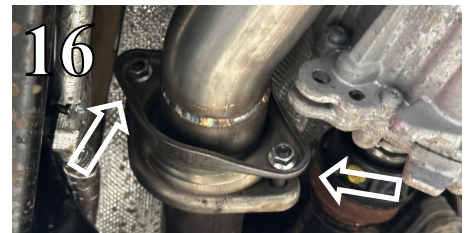
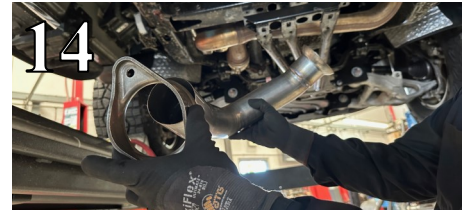
Original Exhaust System Removal Cont'd

6. Remove the five bolts (two on the side of the frame rail, three on the bottom) attaching the curved section of the factory skidplate to the vehicle (Figs. 7-8). Save hardware and skidplate for reinstallation.
7. Remove the four nuts attaching the flanges of the front crossover assembly to the vehicle (Fig. 9).
8. Remove the front crossover assembly by sliding it away from the front of the vehicle and angle the flange side down (Fig. 10).
9. Using a hammer, remove the original studs from the passenger side exhaust inlet (Figs. 11-12).
10. Original exhaust system removed.



Borla Performance Mid-Section Exhaust Installation

1. Orient components on shop floor according to Borla bill of materials drawings on page 2.
2. Install the **Front Muffler Assembly** by mating the flange to the vehicle and loosely thread the supplied **Screws** and **Flange Nuts** through the flange (Fig. 13).
3. Place the **2 Bolt Formed Flange** onto the **L/H Cross-Over Pipe Assembly** with the domed end of the flange toward the flare on the pipe assembly (Fig. 14).
4. Place a clamp over the expanded end of the **Front Muffler Assembly** and insert the inlet to the **L/H Cross-Over Pipe Assembly** (Fig. 15). Do not tighten the clamp.
5. Mate the flange of the **L/H Cross-Over Pipe Assembly** to the vehicle and loosely thread the supplied **Screws** and **Flange Nuts** through the flange (Fig. 16).
6. Place a clamp over each of the outlets of the **Front Muffler Assembly** (Fig. 17).
7. Place a clamp over each of the expanded ends of the **Mid-Muffler Assembly** and insert the **L/H** and **R/H Intermediate Pipe Assemblies** into their corresponding inlets on the **Mid-Muffler Assembly** (Figs. 18-19). Do not tighten the clamps.



Borla Performance Mid-Section Exhaust Installation Cont'd

8. Lift the entire assembly created in Step 7 into the vehicle inserting the inlets to the **Front Muffler Assembly** and the driver side tailpipe into the expanded outlet of the **Mid-Muffler Assembly** (Figs. 20-21). Do not tighten the clamps.
9. Insert the hangers into the original rubber isolators (Figs. 22-23).
10. Reinstall the passenger side tailpipe by feeding the inlet up and over the axle and insert the inlet to the **Mid-Muffler Assembly**. Insert the hanger into the original rubber isolator (Figs. 24-25). Do not tighten the clamp.
11. Reinstall the factory skidplate using the original hardware (Fig. 26).
12. Once position has been determined to be correct, start at the front of the vehicle and tighten the original hardware on the **L/H Cross-Over Pipe Assembly** and **Front Muffler Assembly** then tighten the Accuseal clamps to 32-35 ft. lbs.
13. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
14. 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.

