

Exhaust Diffuser Installation for Borla PN-77011



BORLA® Performance Industries is proud to offer a truly unique product to the aftermarket Cat-Back™ industry we started over 30-years ago. Inspired by motorsports aerodynamics, BORLA® Performance now offers racecar-styling for your BORLA® equipped street car. The BORLA® Exhaust Diffuser is an aesthetic component adding a subtle, track-inspired look to your BORLA® exhaust system.

This BORLA® Exhaust Diffuser is not an afterthought product. It is styled to compliment your vehicle aesthetics, incorporating visual contours and multiple-fin elements for a subtle race-inspired look. This BORLA® Exhaust Diffuser is developed concurrently with BORLA® products for proper static and dynamic thermal ventilation, adequate vehicle ground clearance, and combined system weight savings over your factory exhaust system.

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.

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.

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 Exhaust Accessory.

Borla Performance Exhaust Diffuser (PN-77011) is designed specifically to attach to Borla Performance Exhaust System (PN-140473), Audi TT-RS 2.5L Turbo 5-cylinder engine AWD and manual transmission.

Borla Performance Exhaust Diffuser (PN-77011) is not designed to fit the OE exhaust system.

Borla Performance Industries recommends that an exhaust shop or professional after market parts installer perform the installation of this system. However, if you decide to perform the installation on your own it is recommended that two people are used. This installation should not be performed by one person due to the risk of injury. Ensure the installers use 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:

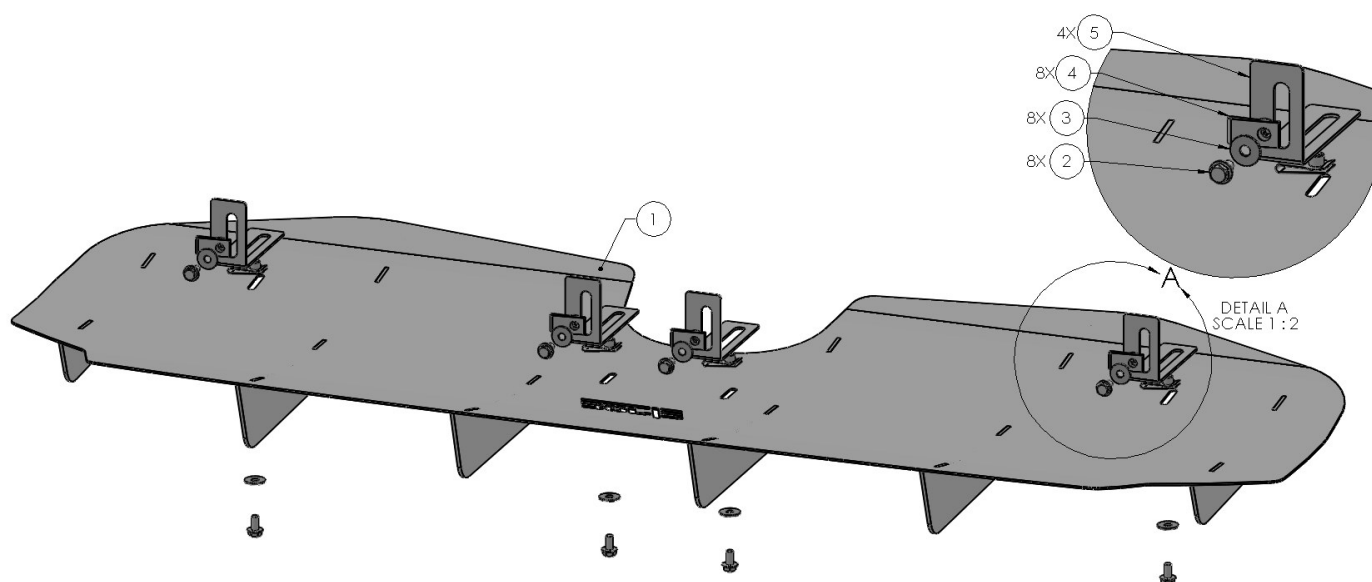
TOOLS:

1. 3/8" Drive Ratchet
2. 3/8" Drive Extension
3. 3/8" Flex
4. 10mm Deep Socket
5. Pry Bar

SHOP SUPPLIES:

- 1 Spray Lubricant

Borla Performance - Bill of Materials



77011

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	54852	Exhaust Diffuser: 2012 Audi TT-RS
2	8	92244444	BOLT/SCREW-EXH MANIF H/SHLD
3	8	92039	Flat Washer: M6 Screw Size, 18mm OD
4	8	93077	Clip-on Nut: M6 Size, 1mm Pitch
5	4	72188	L-BRACKET: 3.75 X 2.42 X 1.25"

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 Rear Section Exhaust System.

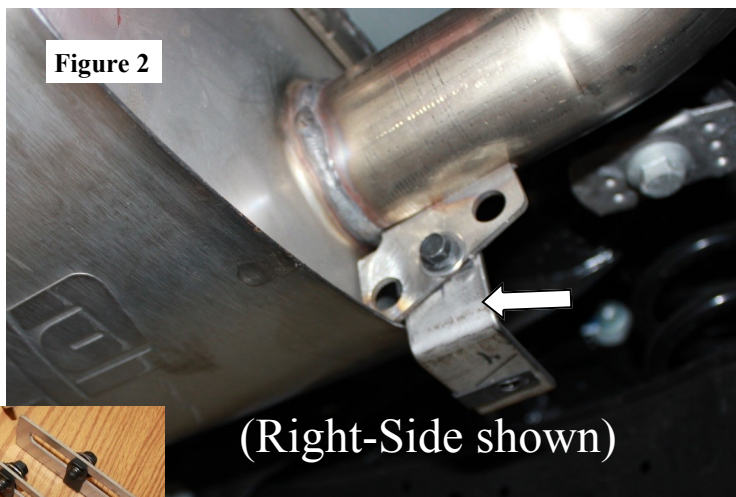
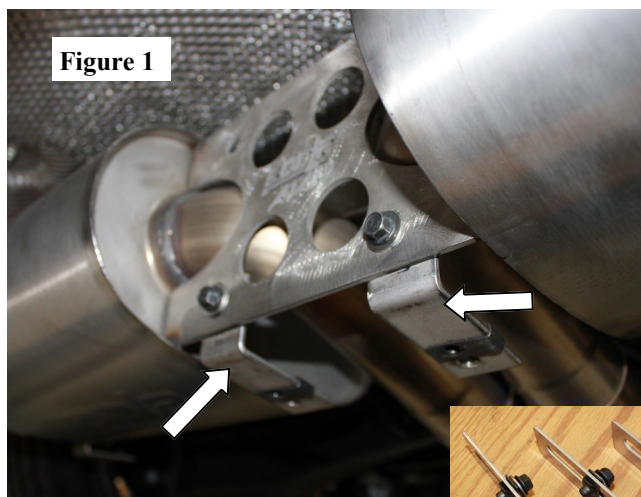
Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

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 Rear Section Exhaust System.

NOTE: Borla recommends using a liquid thread-lock to all hardware bolts to minimize bolts becoming loose. Inspect hardware periodically to prevent loose hardware that could lead to damage. Clean product using aluminum cleaner.

Borla Performance Exhaust Diffuser Installation

1. Verify your cat-back exhaust (PN-140473) is properly installed before installation of your new exhaust diffuser. Refer to page 2 assembly drawing for proper assembly position of components.
2. Install brackets to muffler assembly orienting short-side of bracket to exhaust brackets. Snug bolts by hand allowing brackets to slide freely. (See Figs. 1 & 2)



**Exhaust Diffuser material is lightweight aluminum finished with a durable powder-coat.
The Exhaust Diffuser can be color-customized by the customer.**

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Note: It is our recommendation that you use a hoist or hydraulic lift to facilitate the installation of your new Borla Performance Rear Section Exhaust System.

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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 Rear Section Exhaust System.

Borla Performance Exhaust Diffuser Installation

3. Orient Exhaust Diffuser body underneath exhaust. Start with left side hole-slot, align slot to bracket clip-on nut and thread supplied bolt (& washer) keeping bolt lightly tightened. Repeat process for remaining bolt moving from left to right.
4. Hand-tighten bottom bolts until L-brackets are snug to Exhaust Diffuser Body. (See Fig.4)
5. Check centering of Exhaust Diffuser body and adjust height of Exhaust Diffuser body to match rear valence height. Use socket extension and tighten bolts.

NOTES:

- Exhaust Diffuser front edge (closest to axle) final height position is approximately 1-inch lower than back edge
- A gap of approximately 1-inch on left and right sides are designed to for air-circulation and thermal expansion
- Brackets hardware is 300-Series stainless steel and may require slight bending adjustments



Figure 4



Figure 5

NOTE: Borla recommends using a liquid thread-lock to all hardware bolts to minimize bolts becoming loose. Inspect hardware periodically to prevent loose hardware that could lead to damage. Maximum M6 bolt torque value (dry): 9-10 ft. lbs.