BORLA PERFORMANCE INDUSTRIES
500 Borla Drive
Johnson City, TN 37604-7523
805-986-8600

Exhaust Diffuser Installation for Borla PN-77013

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-77013) is designed specifically to compliment Borla Performance Exhaust System (PN-140534), Porsche Cayman/Boxster V6 engine RWD, Manual or Automatic Transmissions.

Borla Performance Exhaust Diffuser (PN-77013) 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.

Included with your Borla Performance Exhaust System is a warranty card. Please read it carefully before you begin any work on

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Minimum Required Tool List:

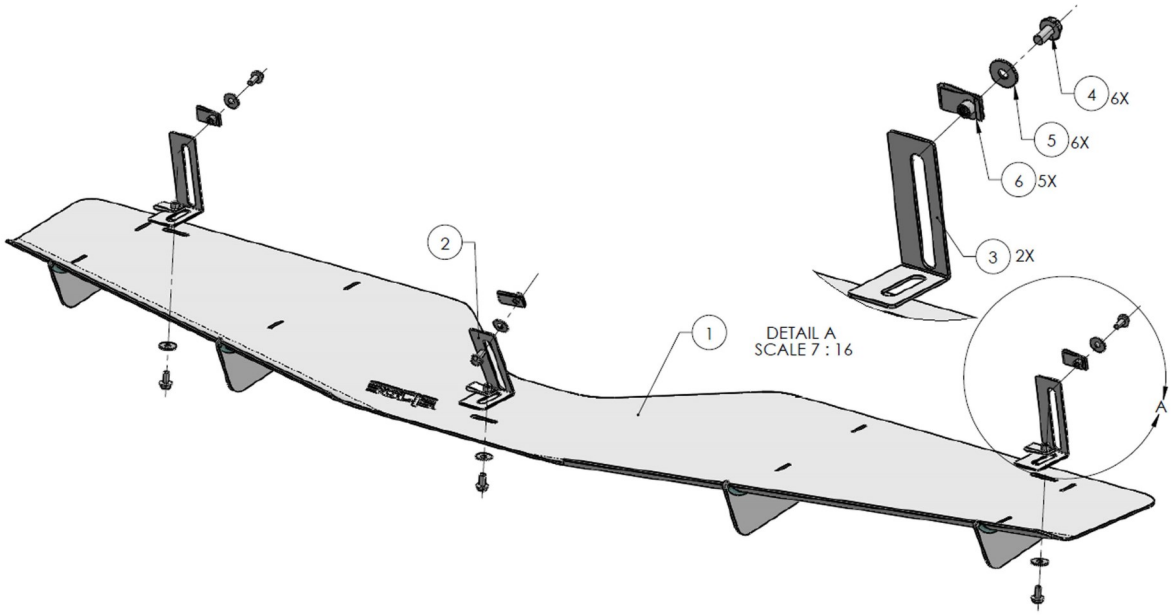
TOOLS:

1. 3/8" Drive Ratchet
2. 3/8" Drive 6" Extension
3. 3/8" Drive Universal Swivel
4. 10mm Deep Socket

SHOP SUPPLIES:

1 Spray Lubricant

Borla Performance - Bill of Materials



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	55188	EXHAUST DIFFUSER: 2013 PORSCHE CAYMAN/BOXSTER
2	1	72231	BRACKET: 3.75 X 2.42 X 1.25"
3	2	72232	BRACKET: 3.75 X 2.42 X 1.25"
4	6	92244444	BOLT/SCREW-EXH MANIF H/SHLD
5	6	92039	Flat Washer: M6 Screw Size, 18mm OD
6	6	93077	Clip-on Nut: M6 Size, 1mm Pitch

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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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 System.
Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift.

Note: 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 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. Maximum M6 bolt torque value (dry): 9-10 ft. lbs.

Borla Performance Exhaust Diffuser Installation

1. Verify your cat-back exhaust (PN-140534) is properly installed before installation of your new exhaust diffuser.

2. Install (2) L-Brackets to Muffler Assemblies (refer to page 2 assembly drawing for proper orientation).
   NOTE: DO NOT TIGHTEN BOLTS. (See Figs. 2A & 2B)

Figure 2A

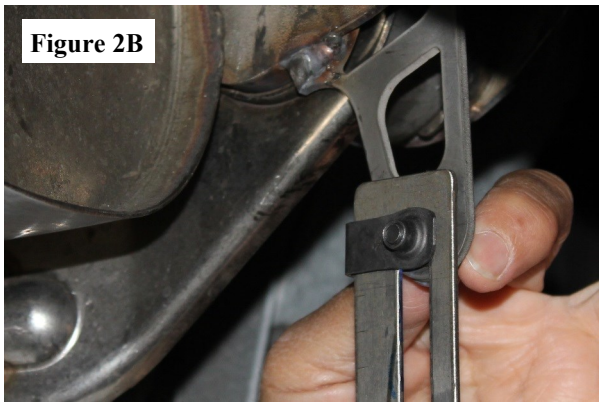
Figure 2B

3. Install (1) angled Bracket to center position (refer to page 2 assembly drawing for proper orientation).
   NOTE: DO NOT TIGHTEN BOLTS. (See Figs. 3A & 3B)

Figure 3A

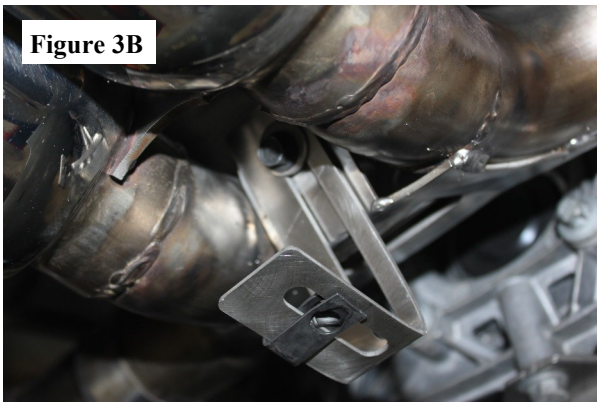
Figure 3B

Exhaust Diffuser material is lightweight aluminum finished with a durable powder-coat.
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Borla Performance Exhaust Diffuser Installation (cont'd)

4. Position Diffuser Dody to bracket slots and insert bolt/washer thru slots (refer to page 2 assembly drawing for proper orientation). Center Diffuser Body L-R and lightly hand-tighten bolts. (See Fig.4) Repeat Step 3 to right-side brackets.

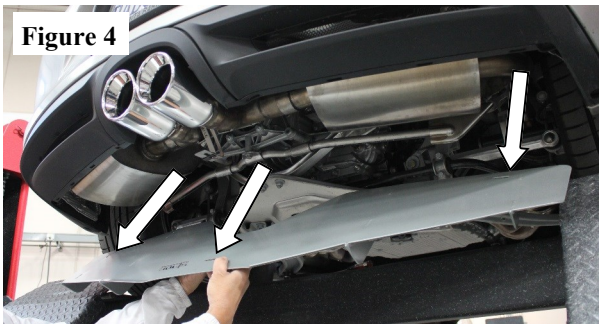
Figure 4

5. Adjust angle of Exhaust Diffuser body adjusting height bolts.

6. Next, adjust the Exhaust Diffuser body Front-Back & Side-Side using bottom bolts. (See Figs. 5A & 5B)

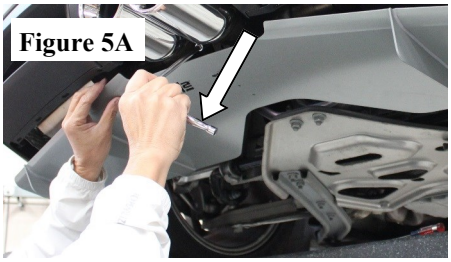
Figure 5A

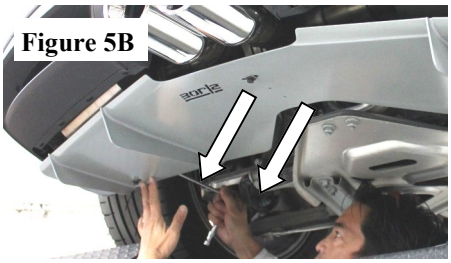
Figure 5B

7. Use socket with extension and tighten bolts 15-18 ft. lbs.

******** NOTES *********

- ***Exhaust Diffuser front edge (closest to axle) final height position is approximately 1.00" higher than back edge (closest to tip).***
- ***A gap of approximately 1-inch on left and right sides are designed to for air-circulation and material thermal expansion.***

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