

Installation for Cadillac ATS-V Coupe PN-140692



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 Cat-Back™ Exhaust System.

Borla Performance Cat-Back™ Exhaust System (PN-140692) is designed for the Cadillac ATS-V coupe equipped with a 3.6L Twin Turbo engine, automatic or manual transmission.

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 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:

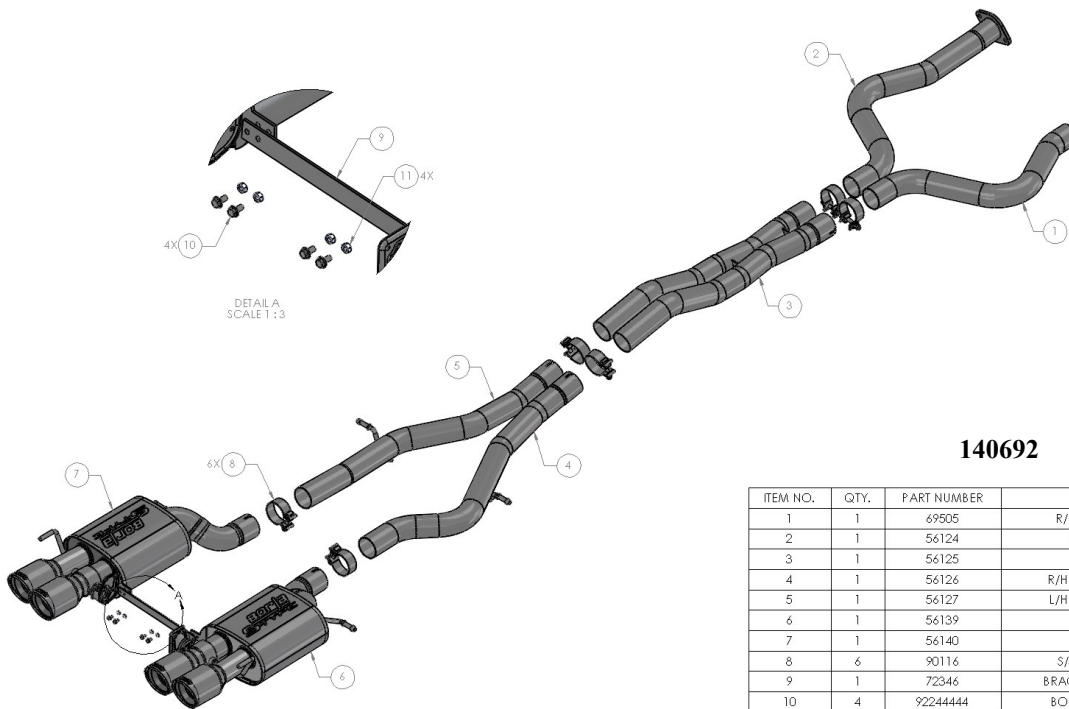
TOOLS:

1. 3/8" Drive Ratchet
2. 3/8" Drive Extension 3"
3. 15mm Socket
4. 13mm Socket
5. 10mm Socket
6. 10mm Wrench
7. Pry Bar

SHOP SUPPLIES:

- 1 Spray Lubricant

Borla Performance Cat-back™ Bill of Materials



140692

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	69505	R/H FRONT PIPE: Ø2.75 X 32.25"
2	1	56124	L/H FRONT PIPE ASSEMBLY
3	1	56125	X-PIPE ASSEMBLY
4	1	56126	R/H INTERMEDIATE PIPE ASSEMBLY
5	1	56127	L/H INTERMEDIATE PIPE ASSEMBLY
6	1	56139	R/H MUFFLER ASSEMBLY
7	1	56140	L/H MUFFLER ASSEMBLY
8	6	90116	S/S ACCUSEAL CLAMP: Ø2.75
9	1	72346	BRACKET: 13.00" X .125" THK. X 1.00"
10	4	92244444	BOLT/SCREW-EXH MANIF H/SHLD
11	4	93004	NUT: HXHD, M6 X 1.00" PITCH, DIN 934

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.

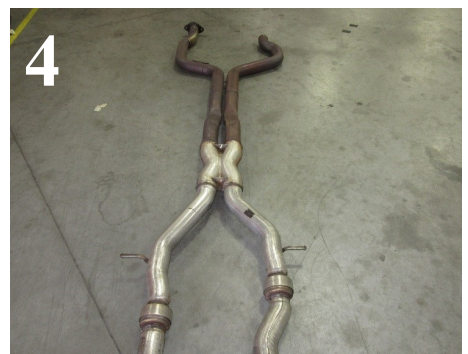
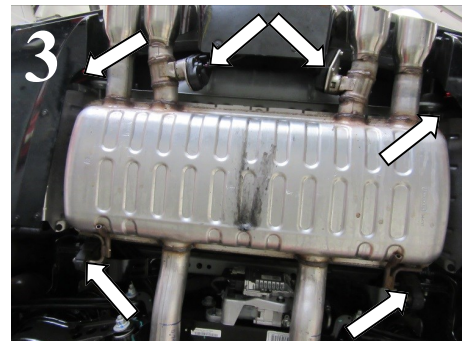
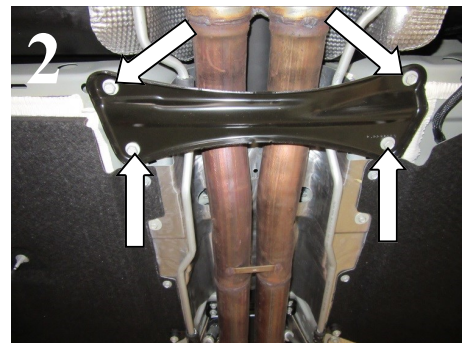
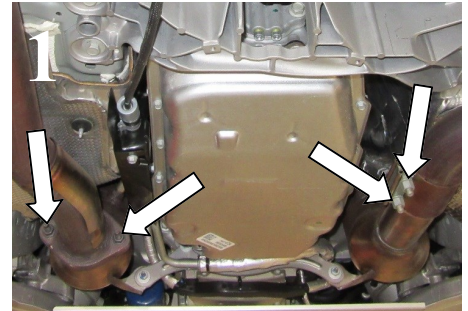
Note: With a used vehicle, we suggest a penetrating spray lubricant be applied liberally to all exhaust fasteners and allowing a significant period of time for the chemical to lubricate the threads before attempting to disassemble.

Original Exhaust System Removal

1. Lubricate all exhaust hangers, rubber isolators, bolts and nuts.
2. Loosen the clamps and flange located behind the catalytic converter, retain hardware for use during the re-installation of your new exhaust system. (See Fig. 1)
3. Remove (4) bolts from cross-brace to gain exhaust clearance. (See Fig. 2)
4. Remove right side and left side hangers from rubber isolator on the vehicle, disconnect the wire from the OE actuator. (See Fig. 3)
5. Using a muffler stand or an additional person, to hold the muffler in position and carefully remove from the vehicle.
6. Remove the electronic actuators (2) by loosening 3-fasteners per unit. Retain the actuators for re-installation to your new Borla Cat-back Exhaust System.
7. Original exhaust system removed. (See Fig. 4)

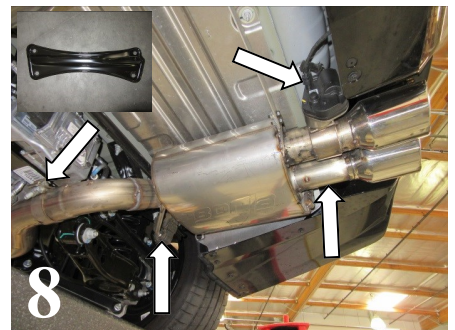
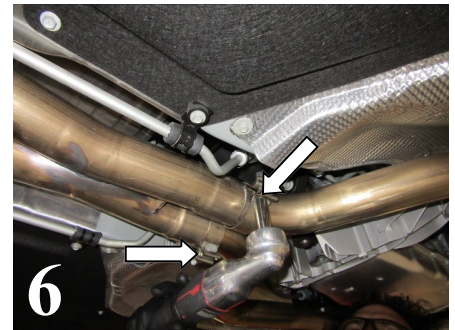
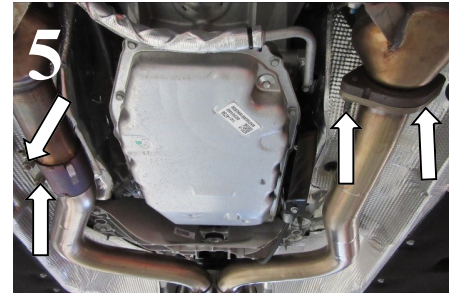
WARNING: Use extreme caution during installation. Torque all fasteners according to manufacturer's torque values and tightening sequence. **DO NOT** use air impact tools to tighten fasteners on Borla Performance Exhaust Systems. Use of such tools may result in bent flanges or gasket contact

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.



Borla Performance Cat-Back™ Exhaust System Installation

1. Transfer the OE band clamp to the **R/H Front Pipe** inlet and install to vehicle with **L/H Front Pipe** flange mating to the front flange using factory hardware. Do not tighten the clamps. (See Fig. 5)
2. Place a clamp over each expanded end of the **X-pipe Assembly** and insert inlets to **Front Pipes**. (See Fig. 6)
3. Place a clamp over the expanded ends of the **R/H Mid-Pipe Assembly** and **L/H Mid-Pipe Assembly**. Insert inlet to outlet of each **X-Pipe Assembly** inserting hangers into the rubber isolators. Do Not Tighten the clamp. (See Fig. 7)
4. Transfer the electronic actuators to the valve holder using original hardware on the **L/H and R/H Muffler Assemblies**.
5. Place a clamp over the expanded end of the **R/H Muffler Assembly**, and insert inlet to **R/H Mid-Pipe Assembly** installing the hangers into the rubber isolators. Do Not Tighten the clamp. (See Fig. 8)
6. Repeat the same process for the **L/H Muffler Assembly**.
7. Install the cross-brace using the original hardware.
8. Re-connect wire harness to right and left electronic actuators.
9. Check your exhaust system for proper clearance under the vehicle and also for tip alignment. (See Fig. 9)
10. Once position has been determined to be correct, tighten clamp bolts to 33-35 ft. lb.
11. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
12. Start vehicle and check for any leaks. If any leaks are found, determine cause and repair as necessary.



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