

Cat-Back Installation for Chevrolet Cruze PN-140352



Thank you for purchasing a Borla Performance Exhaust System.

Borla Performance Exhaust Systems (PN-140352) is designed for the Chevrolet Cruze Sedan equipped with a 1.8L engine or 1.4L turbo engine, front-wheel drive with automatic or manual transmissions.

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:

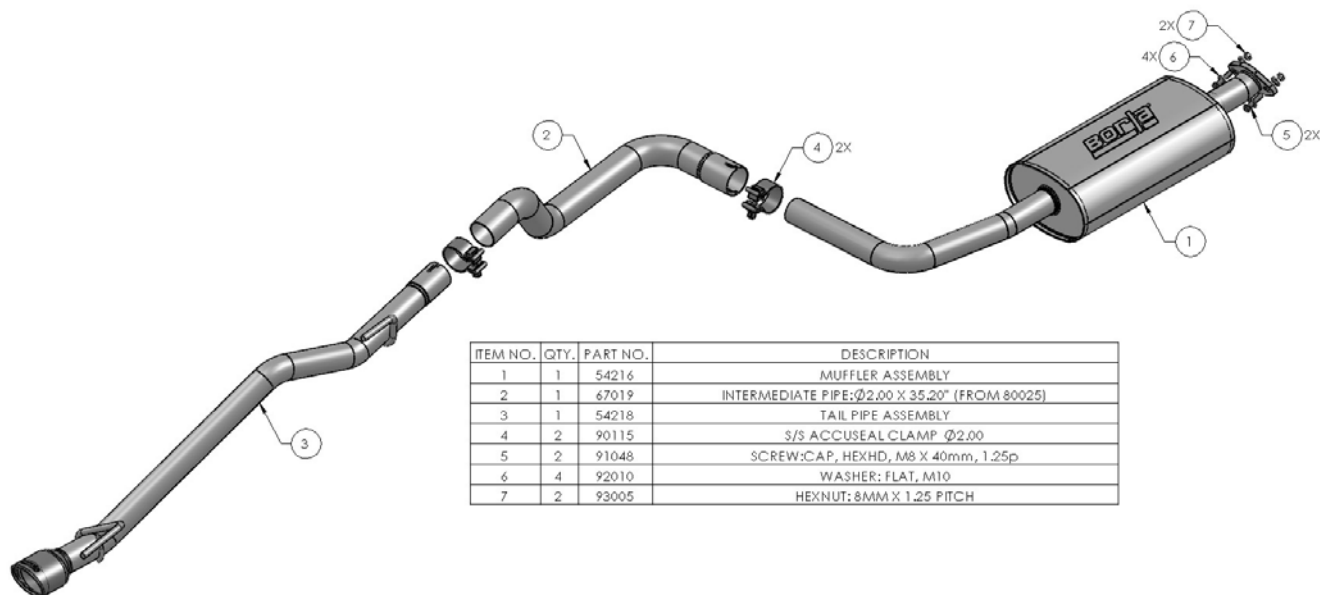
- 1 3/8" Drive Ratchet
- 2 3/8" Drive Extension 3"
- 3 15mm Deep Well Socket
- 4 Pry Bar
- 5 Metal-cutting Sawsall

SHOP SUPPLIES:

- 1 Spray Lubricant

Borla Performance Bill of Materials

140352



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	54216	MUFFLER ASSEMBLY
2	1	67019	INTERMEDIATE PIPE: Ø2.00 X 35.20" (FROM 80025)
3	1	54218	TAIL PIPE ASSEMBLY
4	2	90115	S/S ACCUSEAL CLAMP Ø2.00
5	2	91048	SCREW: CAP, HEXHD, M8 X 40mm, 1.25p
6	4	92010	WASHER: FLAT, M10
7	2	93005	HEXNUT: 8MM X 1.25 PITCH

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 Cat-Back™ 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.

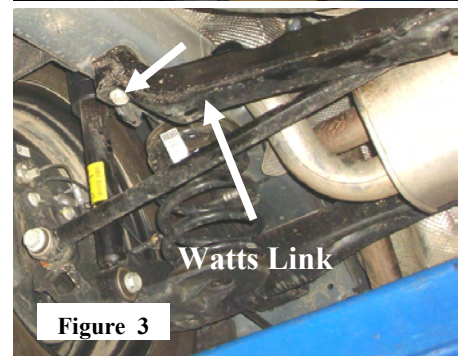
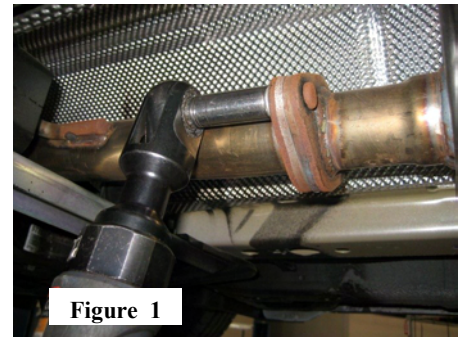
Note: Before removing the original exhaust system from your vehicle, please compare the parts you have received with the bill of materials provided on the previous page to assure that you have all the parts necessary for the installation of your new Borla Performance Cat-Back™ Exhaust System.

Original Exhaust System Removal

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.

1. Loosen and remove 2-flange nuts. Place this hardware aside for installation later. (See Fig.1)
2. Muffler pipe must be cut to remove OE exhaust system. Using a metal-cutting bladed saw, cut pipe in area indicated making sure not to damage surrounding underbody components. (See Fig.2)
3. Remove Watts Link crossbrace bolts (2). (See Fig.3)
4. Carefully remove front and rear OE exhaust from hangars. (See 3A)

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



Borla Performance Exhaust System Installation

1. Lay components on ground in proper position. (See Fig.4)
2. Attach flange of Muffler Assembly using supplied hardware. Hand-tighten bolts for now. (See Fig. 5)
3. Place a clamp on inlet of Intermediate Pipe and insert inlet into Muffler Assembly. (DO NOT TIGHTEN CLAMP BOLT) (See Fig. 5)
4. Place a clamp on inlet of Tailpipe Assembly and insert inlet into Intermediate Pipe. Insert hangers into OE rubber isolators. (DO NOT TIGHTEN CLAMP BOLT)
5. Rotate bolt on clamp in between pipe notches and tighten clamp bolts to 35 lb.ft. torque. (See Fig.5)
6. Reinstall Watts Link crossbar using original hardware.
7. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
8. Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose hardware or incorrectly positioned clamp) and repair as necessary.

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.

Figure 4

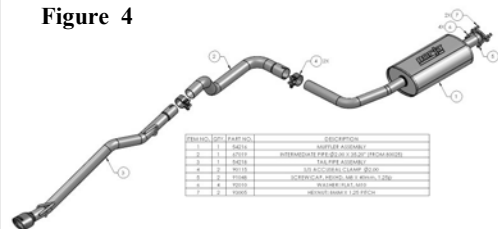


Figure 5

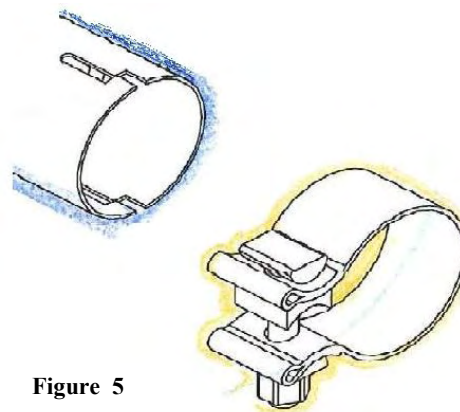


Figure 5

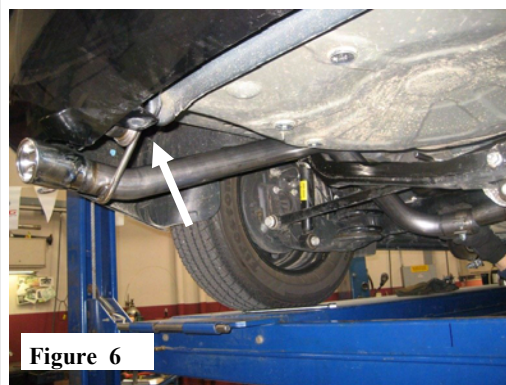


Figure 6