

## Installation Guide for Ford Mustang Shelby GT500 / Mach 1 PNs 140837, 140837BC, 140837CF, 60722



**\*\*\*\*\* 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](http://www.BORLA.com)

**Thank you for purchasing a Borla Performance Exhaust System.**

**These Borla Performance Cat-Back™ Exhaust Systems (PNs 140837, 140837BC, 140837CF) are designed for the Ford Mustang Shelby GT500 equipped with a 5.2L supercharged V8 engine and automatic transmission.**

**Borla Performance PN 60722 is designed to adapt Borla PNs 140837/BC/CF for use on the Ford Mustang Mach 1.**

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:**

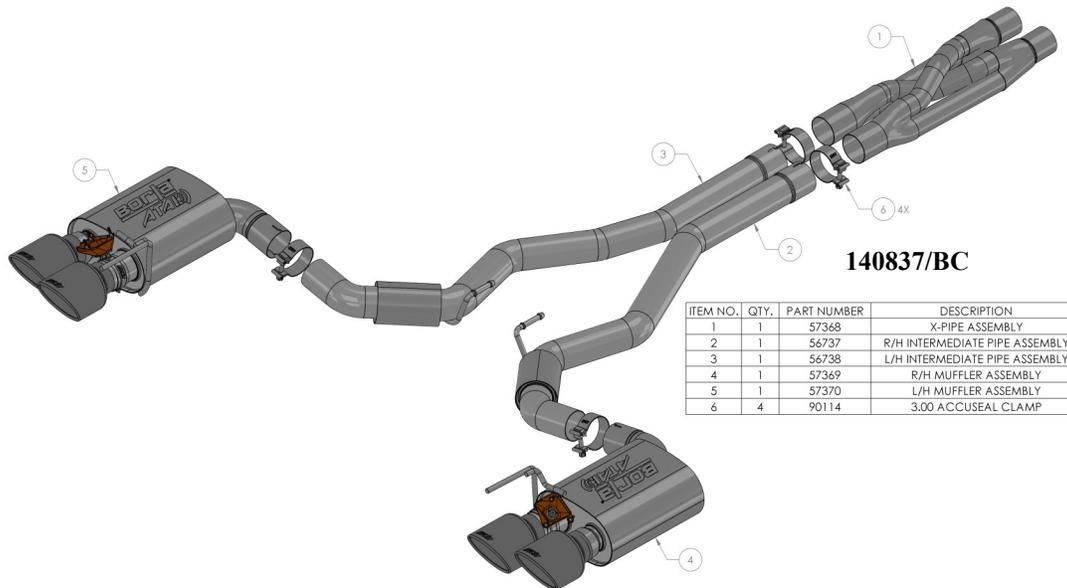
**TOOLS:**

1. 3/8" drive ratchet
2. 3/8" drive extension 3"
3. 15mm deep well socket
4. 13mm socket
5. 10mm socket
6. 7mm socket
7. Pry bar

**SHOP SUPPLIES:**

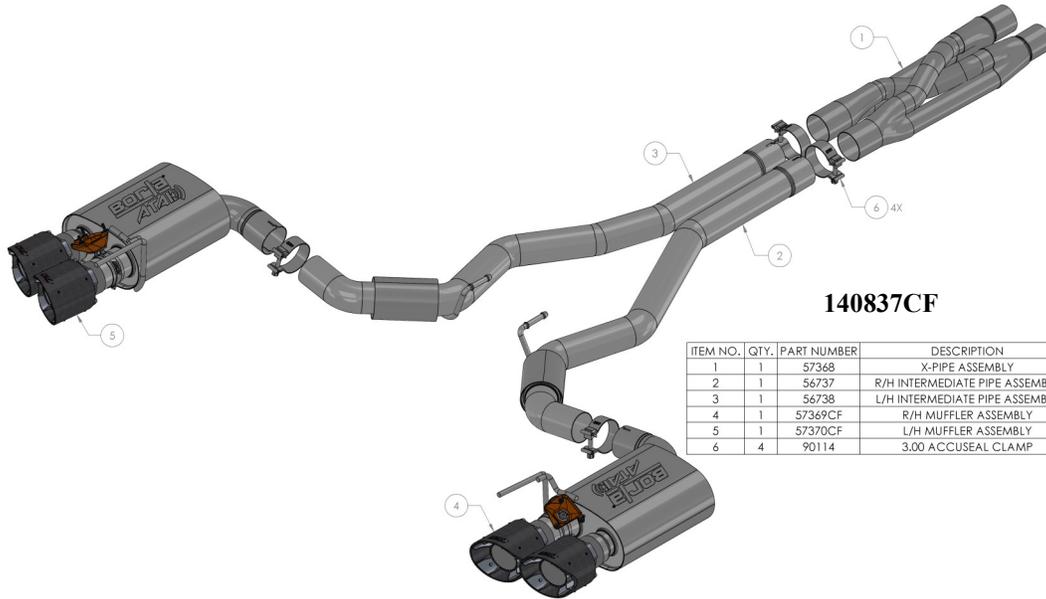
1. Spray lubricant

**Borla Performance - Bill of Materials**



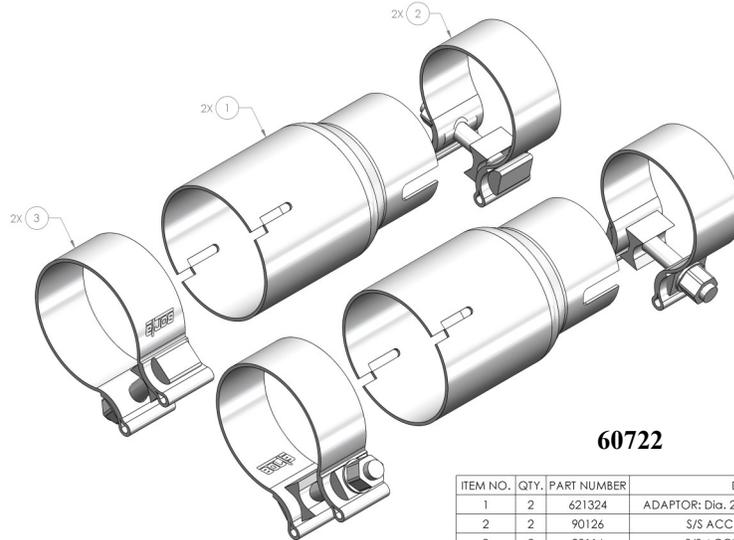
**140837/BC**

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57368	X-PIPE ASSEMBLY
2	1	56737	R/H INTERMEDIATE PIPE ASSEMBLY
3	1	56738	L/H INTERMEDIATE PIPE ASSEMBLY
4	1	57369	R/H MUFFLER ASSEMBLY
5	1	57370	L/H MUFFLER ASSEMBLY
6	4	90114	3.00 ACCUSEAL CLAMP



**140837CF**

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57368	X-PIPE ASSEMBLY
2	1	56737	R/H INTERMEDIATE PIPE ASSEMBLY
3	1	56738	L/H INTERMEDIATE PIPE ASSEMBLY
4	1	57369CF	R/H MUFFLER ASSEMBLY
5	1	57370CF	L/H MUFFLER ASSEMBLY
6	4	90114	3.00 ACCUSEAL CLAMP



**60722**

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	2	621324	ADAPTOR: Dia. 2.27 I.D. X 5.00' LG. X 2.78 I.D.
2	2	90126	S/S ACCUSEAL CLAMP: Ø2.38
3	2	90116	S/S ACCUSEAL CLAMP: Ø2.75

**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.

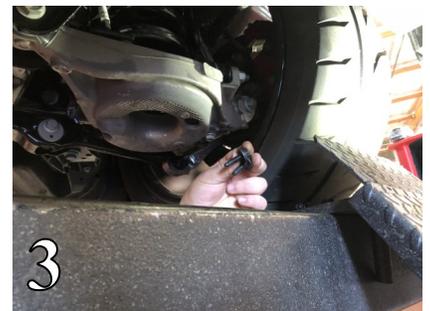
Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

**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. Remove the belly pan from the rear of the vehicle (figs. 1, 2, 3). Note the extra two bolts that need to be removed.
2. Disconnect left and right side wire harness by pulling the pin and sliding out from electrical assembly (fig. 4).
3. Loosen the nuts on the clamps securing the front of the original X-pipe to the vehicle (fig. 5).



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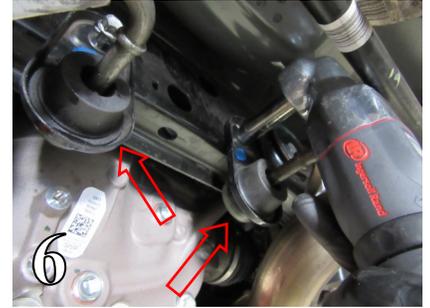
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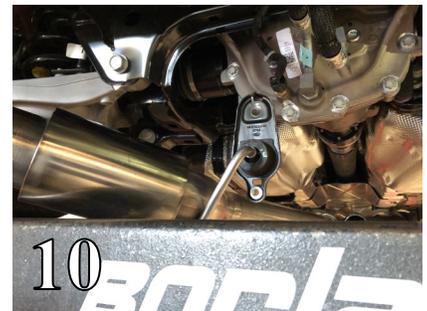
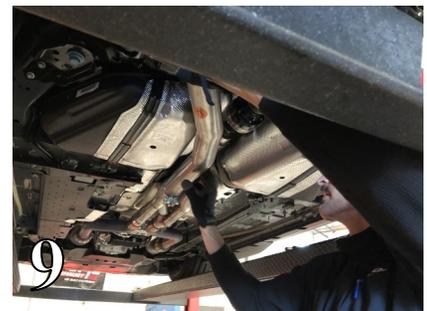
## Original Exhaust System Removal

4. Loosen the hardware securing the hanger brackets to the vehicle near the rear mufflers (fig. 6).
5. Using a muffler stand or an additional person, carefully remove the original exhaust system from the vehicle (fig. 7).



## Borla Performance Cat-Back™ Exhaust System Installation

1. Orient the components on the floor in reference to the drawing on page 2.
2. Slide 2 clamps over the inlets of the Borla X-pipe assembly and connect them to the vehicle (fig. 8). If installing on a Mach 1, you will need to place 2 clamps over the narrower ends of the adaptors and attach these to the vehicle first. Then you will place 2 clamps over the adaptors that are attached to the vehicle and insert the Borla X-pipe assembly into them. Do not tighten the clamps yet.
3. Slide a clamp over the inlet of the Borla L/H intermediate pipe assembly and connect it to the Borla X-pipe assembly (fig. 9). Do not tighten the clamp yet.
4. Repeat step 3 for the Borla R/H intermediate pipe assembly.
5. Place the original exhaust hanger brackets onto the hangers of the intermediate pipe assemblies (fig. 10). Secure them in their original place with the original hardware.



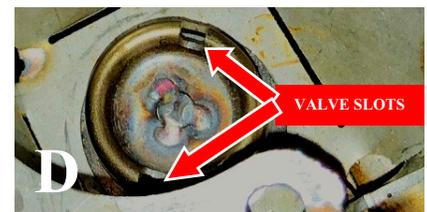
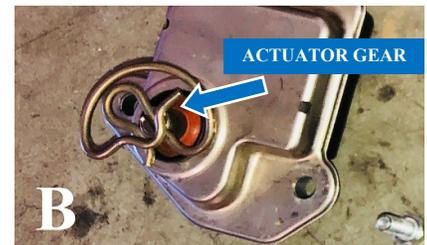
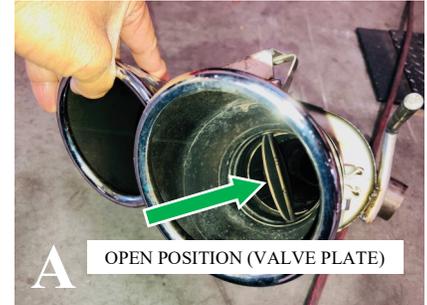
**WARNING:** Use extreme caution during installation. Torque all fasteners according to manufacturer's torque values and tightening sequence. **DO NOT** use air impact tools to tighten fasteners on Borla Performance Exhaust Systems. Use of such tools may result in bent flanges or gasket contact areas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

## Borla Performance Cat-Back™ Exhaust System Installation (Cont'd)

NOTE: The actuator gear on the electronic actuator needs to be aligned to the valve slot for proper engagement. Improper function of the valves, a CEL, or damage can occur if these aren't aligned.

- A. The valve plate needs to be in open position. Please rotate the valve prior to mounting factory actuator to R/H Borla muffler assembly (fig. 10).
- B. Orient the actuator gear to the valve slot then position the factory actuator bolt holes. Reuse 3 factory bolt/washer/nut assemblies in securing the factory actuator to the Borla muffler assembly (figs. B, C, D).
- C. Verify alignment of the actuator gear to the valve slot. Tighten the nut/bolt assemblies to 8-9 ft. lb. torque (fig. E).
- D. REPEAT STEPS A, B, & C for the L/H Borla muffler assembly factory actuator installation.
- E. **Reconnect the wire harnesses to the factory actuators, both left and right sides.**

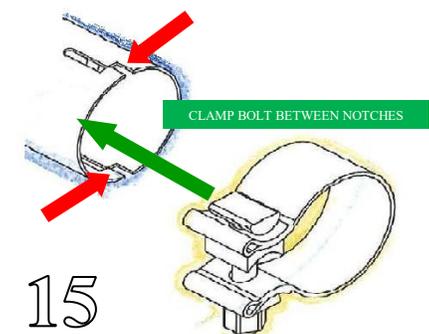
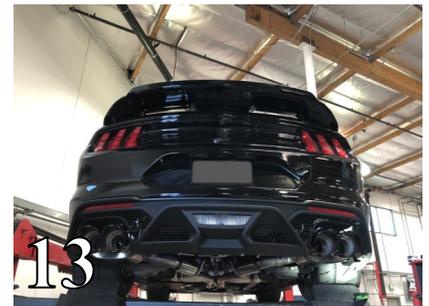


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## Borla Performance Cat-Back™ Exhaust System Installation (Cont'd)

- Place a clamp over the inlet of the Borla R/H muffler assembly and connect it to the outlet of the Borla intermediate pipe assembly (fig. 12).
- Check your exhaust system for proper clearance under the vehicle and also for tip alignment and clearance (fig. 13).
- Reinstall the rear belly pan (fig. 14).
- Starting at front flanges and moving to rear of vehicle, tighten flange hardware bolts. Orient position of bolt (on supplied clamps) between (not over) pipe notches and tighten to 35 ft. lbs. torque (fig. 15).
- Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
- Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose or incorrectly positioned clamp) and repair as necessary.



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