

## Installation Guide for Kia Stinger 3.3L



**\*\*\*\*\* 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 Cat-Back™ Exhaust System.**

**Borla Performance Cat-Back™ Exhaust System (PN 140736) is designed for the 2018-2021 Kia Stinger equipped with a 3.3L Twin-Turbo V6 engine, automatic transmission.**

**Borla Performance Cat-Back™ Exhaust System (PN 140936) is designed for the 2022-2024 Kia Stinger equipped with a 3.3L Twin-Turbo V6 engine, automatic transmission and active exhaust valves.**

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:

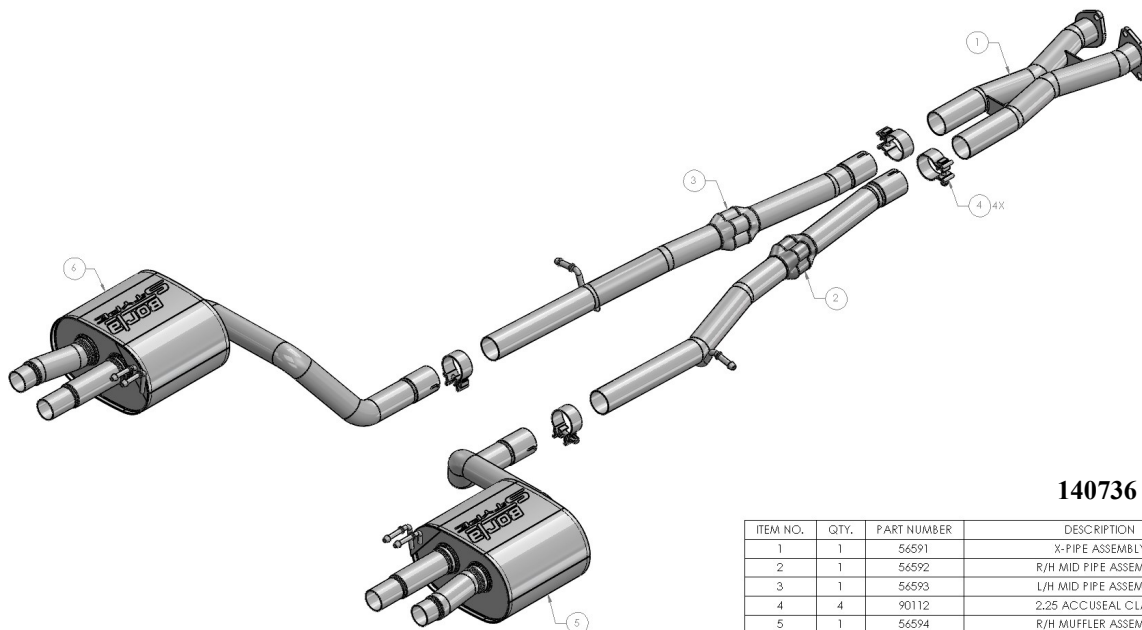
#### **TOOLS:**

1. 3/8" drive ratchet
2. 3/8" drive extension 3"
3. 15mm deep well socket
4. 16mm socket
5. 18mm socket
6. 13mm socket
7. 10mm socket
8. Pry bar

#### **SHOP SUPPLIES:**

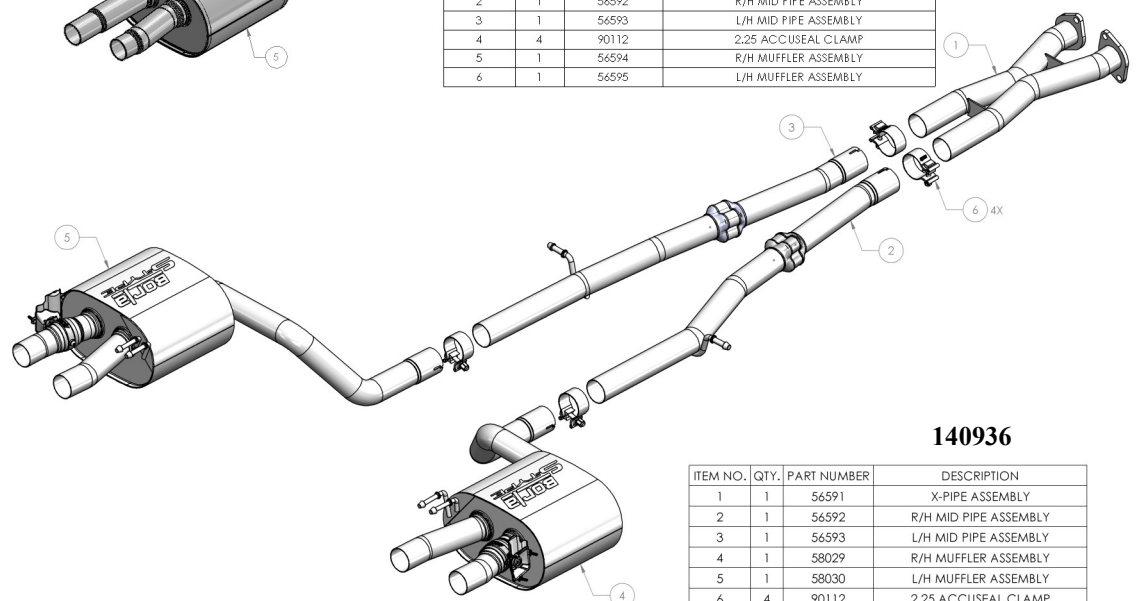
1. Spray lubricant

### Borla Performance - Bill of Materials



**140736**

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	56591	X-PIPE ASSEMBLY
2	1	56592	R/H MID PIPE ASSEMBLY
3	1	56593	L/H MID PIPE ASSEMBLY
4	4	90112	2.25 ACCUSEAL CLAMP
5	1	56594	R/H MUFFLER ASSEMBLY
6	1	56595	L/H MUFFLER ASSEMBLY



**140936**

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	56591	X-PIPE ASSEMBLY
2	1	56592	R/H MID PIPE ASSEMBLY
3	1	56593	L/H MID PIPE ASSEMBLY
4	1	58029	R/H MUFFLER ASSEMBLY
5	1	58030	L/H MUFFLER ASSEMBLY
6	4	90112	2.25 ACCUSEAL CLAMP

**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.*

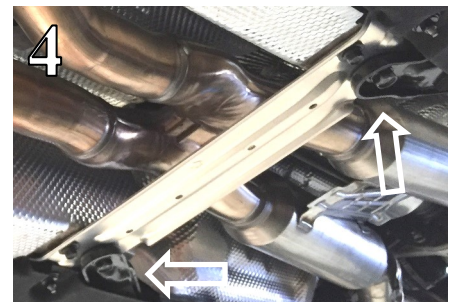
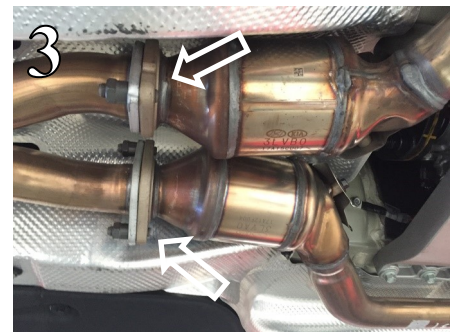
**Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.**

**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

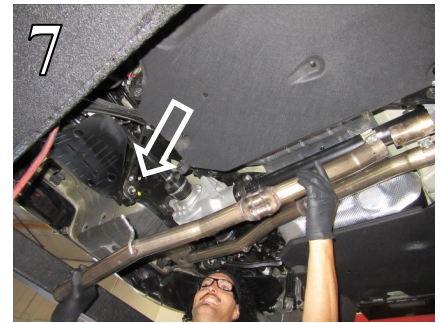
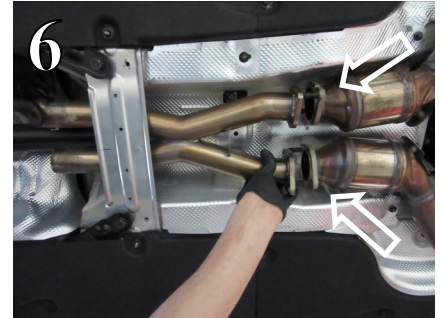
1. Lubricate all hangers, rubber isolator, bolts and nuts.
2. Loosen and remove hardware on the left-side and right-side flanges of the rear muffler assemblies. For vehicles with active exhaust valves, unplug the harness from the actuators. Remove the hangers from rubber isolators and remove the assemblies from the vehicle (Figs. 1-2).
3. Loosen and remove original hardware of the cross-over pipe (Fig. 3). Keep the hardware for re-installation of your new Borla system.
4. Loosen and remove the hardware on the cross-brace (Fig. 4). Keep the hardware for re-installation of your new Borla system.
5. Use a muffler stand or an additional person to hold the remaining exhaust assembly, remove hangers from rubber isolators and carefully remove the exhaust system from the vehicle (Fig. 5).
6. For vehicles with active exhaust valves: loosen and remove the hardware holding the actuator to the valve body. Keep the hardware and actuators for re-installation of your new Borla system.
7. Original system removed.





## Borla Performance Cat-Back™ Exhaust System Installation

1. Orient components on shop floor according to Borla bill of materials drawings on page 2.
2. Re-install the cross-brace using the factory hardware. Attach the **X-Pipe Assembly** to the vehicle using the original hardware (Fig. 6).
3. Place a clamp on the expanded end of the **R/H Mid Pipe Assembly** and insert into the inlet to the **X-Pipe Assembly**. Insert the hanger into the original rubber isolator (Fig. 7).
4. Repeat Step 3 for the **L/H Mid Pipe Assembly**.
5. For vehicles with active exhaust valves: install your original actuator to the Borla valve using the original hardware. Be sure to line up the spring to the slots on the top of the valve (Fig. 8).
6. Place a clamp over the expanded end of the **R/H Rear Muffler Assembly** and insert the inlet to the **R/H Mid Pipe Assembly**. Insert hangers into the original rubber isolators (Fig. 9).
7. Repeat Step 5 for the **L/H Rear Muffler Assembly**.
8. Check your exhaust system for proper clearance under the vehicle and also for tip alignment within the valance. 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.
9. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
10. 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.



**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.