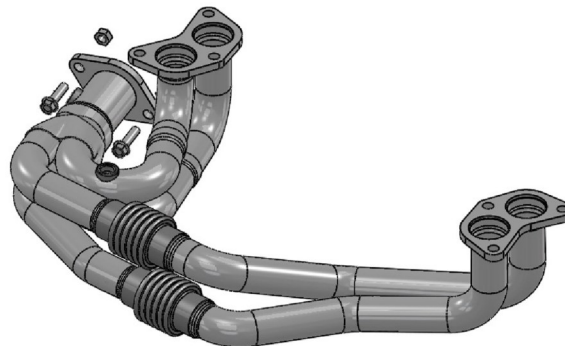


Header Installation for Scion FR-S/Subaru BRZ/Toyota 86 17284*



******* 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

Thank you for purchasing a Borla Performance Stainless Steel Header System.

Borla Performance Stainless Steel Header System (17284) is designed for the Scion FR-S, Subaru BRZ, or Toyota 86, 2.0L engine, automatic or manual transmissions.

****LEGAL ONLY FOR RACING VEHICLES THAT MAY NEVER BE USED, OR REGISTERED, OR LICENSED FOR USE, UPON A HIGHWAY.***

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 Header 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 Header 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 Header System, please give us a call at the number provided on the warranty card.

Minimum Required Tool List:

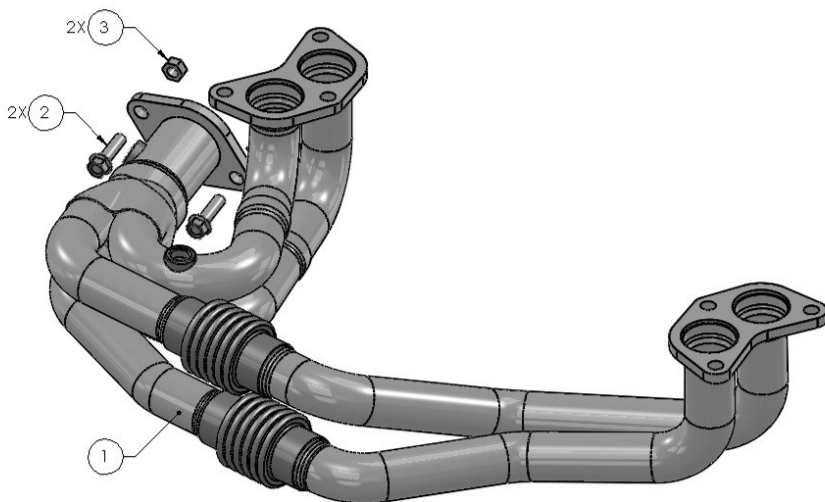
TOOLS:

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

SHOP SUPPLIES:

1. Spray Lubricant

Borla Performance Header System - Bill of Materials



17284

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	54940	HEADER ASSEMBLY
2	2	11515767	SCREW: FLNG, HXHD, M10x35mm, 1.50mP
3	2	11514597	NUT: HXHD, M10 X 1.50p

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. 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 System.

Original Manifold System Removal

1. Disconnect the battery from the vehicle as recommended by the vehicle manufacturer. (See Fig. 1)
2. Remove (2) engine and transmission under cover panels. (See Fig. 2)
3. Loosen and remove (2) O2 sensors from the factory manifold. (See Fig. 3)
4. Unbolt header flange bolts from factory over-pipe. (Keep hardware for re-installation).
5. Clearance is needed to remove factory manifold. Remove mid-pipe hanging hardware and disconnect flange connection to cat-back exhaust. Slide components rearward for manifold clearance. (See Fig. 4)

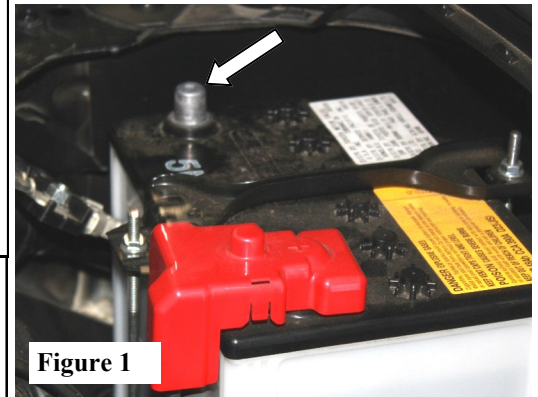


Figure 1



Figure 2

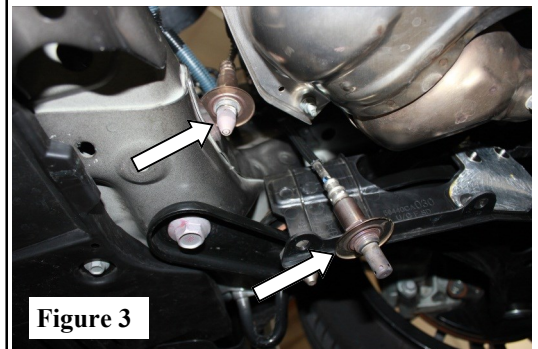


Figure 3

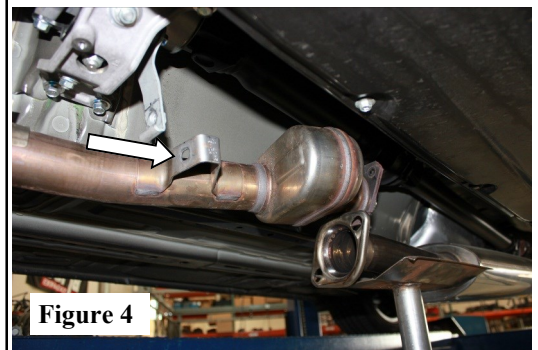


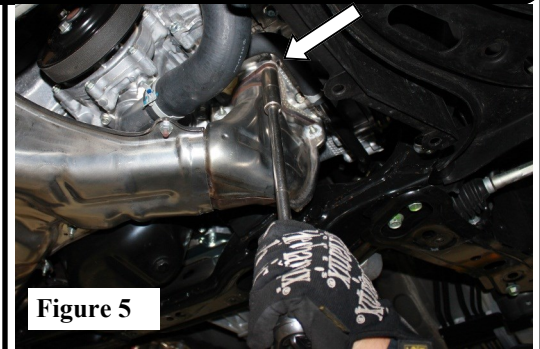
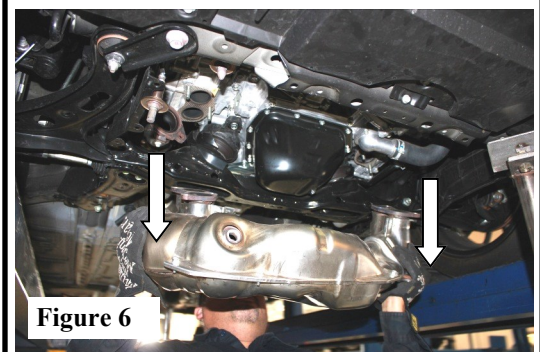
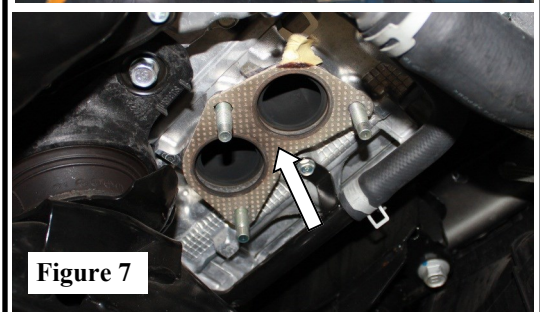
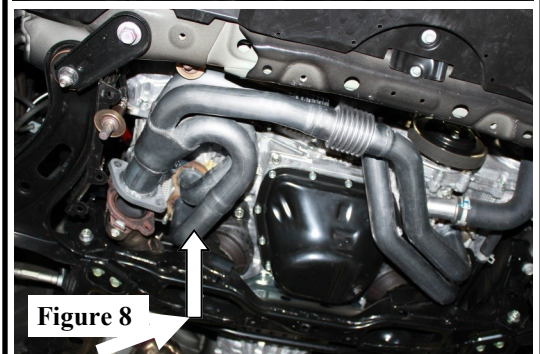
Figure 4

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 areas leading to exhaust leaks.

Borla Performance Stainless Steel Short Tube Header System Installation

- Loosen and remove (6) manifold bolts. Keep hardware for re-installation of your new header. (See Fig. 5)
- Carefully remove factory manifold from vehicle. (See Fig. 6)
- Check factory gaskets for re-use of your new header (replace if needed). (See Fig. 7)
- Carefully install Borla header making sure gaskets are properly positioned. Use original hardware. Tighten (6) bolts header bolts 22 ft lbs. (See Fig. 8)
- Reposition over-pipe, mid-pipe, and cat-back into proper location. Connect Borla header flange to over-pipe flange using factory gasket and hardware. Tighten (3) bolts hardware 26 ft lbs. (See Fig. 9)
- Replace (2) factory under cover panels using original hardware.
- Reconnect the battery as recommended by the vehicle manufacturer.
- 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. Allow the exhaust to reach normal operating temperature and then turn engine off.

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 5****Figure 6****Figure 7****Figure 8****Figure 9**