

Long Tube Header Installation For Corvette C6 Z06 PN - 17261



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 Stainless Steel Long Tube Header System

This Borla Performance Stainless Steel Long Tube Header System (Part Number 17261) is designed for the Chevrolet Corvette C6 Z06 equipped with a 7.0L V-8 engine, manual transmission.

FOR RACING USE ONLY. NOT LEGAL FOR USE ON PUBLIC ROADS.

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:

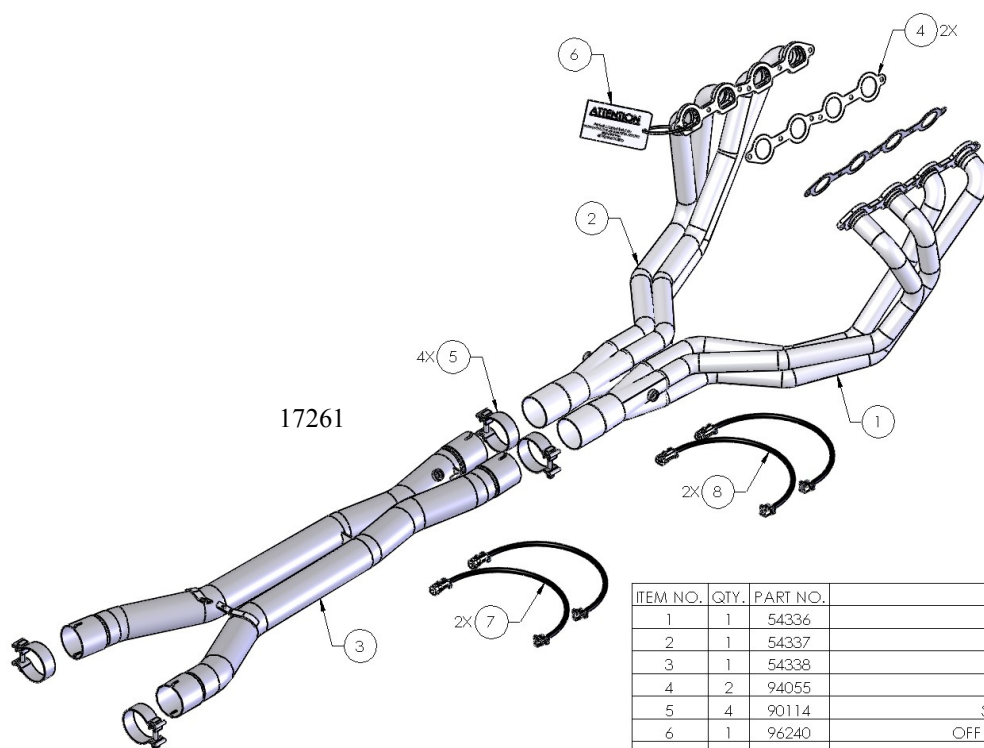
TOOLS:

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

SHOP SUPPLIES:

- 1 Spray Lubricant

Borla Performance Stainless Steel Long Tube Header System Bill of Materials



ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	54336	R/H HEADER ASSEMBLY
2	1	54337	L/H HEADER ASSEMBLY
3	1	54338	X-PIPE ASSEMBLY
4	2	94055	HEADER, FLANGE GASKET
5	4	90114	S/S ACCUSEAL CLAMP Ø3.00
6	1	96240	OFF HIGHWAY USE ONLY DISCLAIMER
7	2	47686	OXYGEN SENSOR EXTENSION
8	2	47657	OXYGEN SENSOR EXTENSION

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 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. Disconnect the battery from the vehicle as recommended by the vehicle manufacturer. (See Fig. 1)
2. Remove cover trim pieces. (See Fig. 2)
3. Locate tension pulley for the serpentine belt. Rotate to relieve tension on serpentine belt and slip belt off alternator. (See Figs. 3 & 4)
4. Disconnect the wiring, unbolt and remove the alternator from the vehicle. (See Fig. 5)



Figure 1

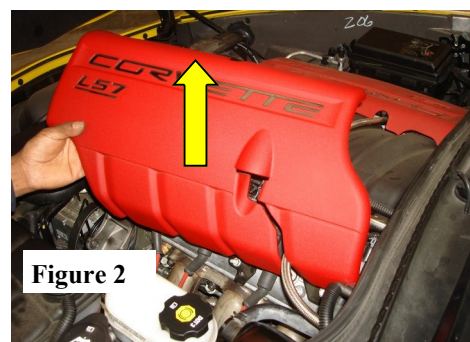


Figure 2

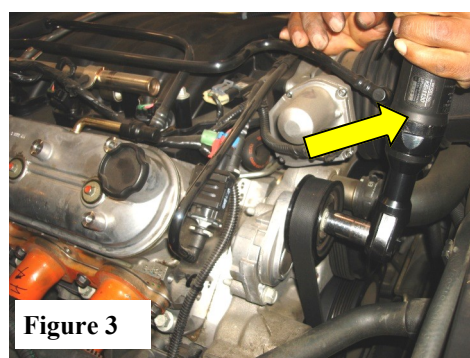


Figure 3

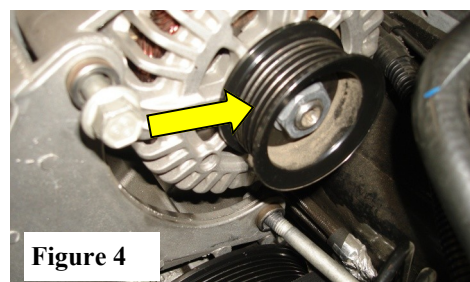


Figure 4

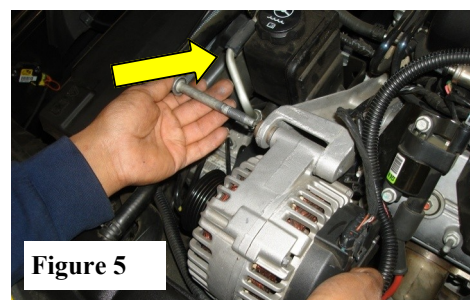
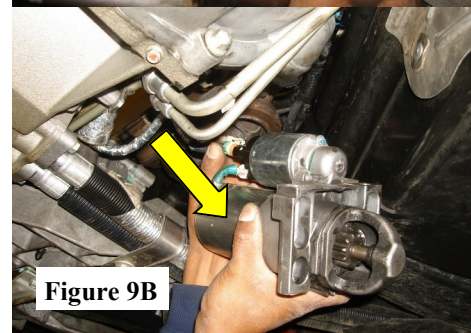
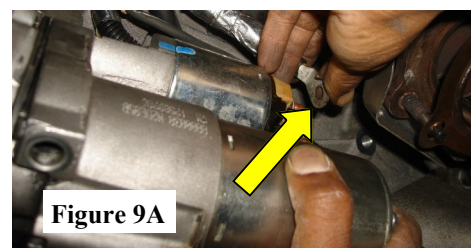
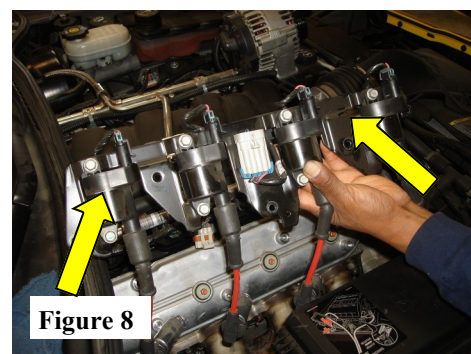
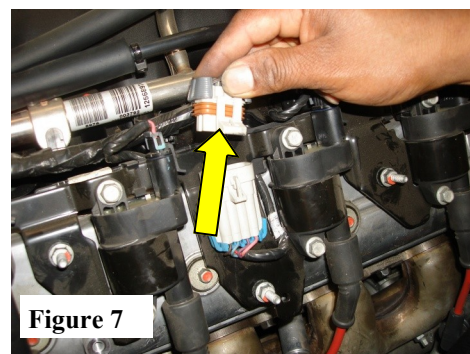
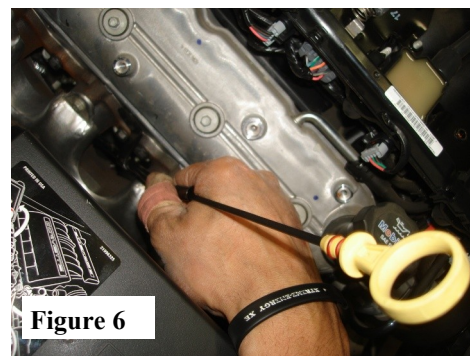


Figure 5

Original Exhaust System Removal (continued)

5. Unbolt and remove the dipstick from the passenger side of engine. (See Fig. 6) Disconnect wires and remove spark plugs (both sides).
6. Disconnect electrical connector on both sides. Place coil pack assemblies aside for access to manifold. (See Fig. 7)
7. Loosen and remove passenger side coil assembly bolts. Repeat this step for driver-side coil assembly bolts. Keep hardware for reinstallation. (See Fig. 8)
8. Locate starter on passenger side of vehicle. Loosen 13mm bolts and place starter assembly to the side (no need to remove electrical connection). (see Figs. 9A & 9B)
9. Disconnect exhaust system from catalytic converter pipes. Keep hardware for reinstallation later.

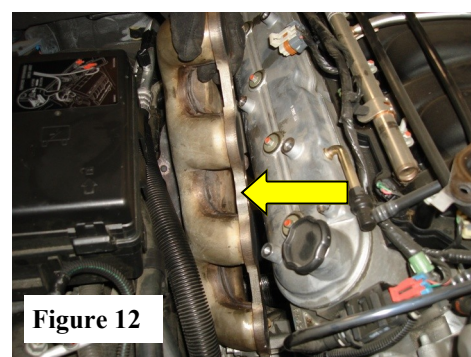
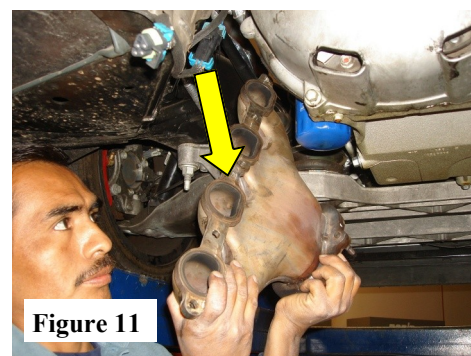
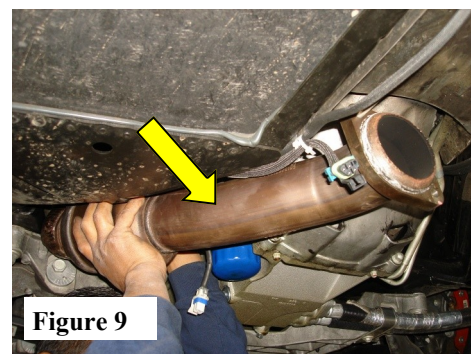
Warning: Use extreme caution during installation. Torque all fasteners according to manufacturer's torque values and tightening sequence. **DO NOT** use air impact tools to tighten fasteners on Borla Performance Exhaust Systems. Use of such tools may result in bent flanges or gasket contact areas leading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



Original Exhaust System Removal (continued)

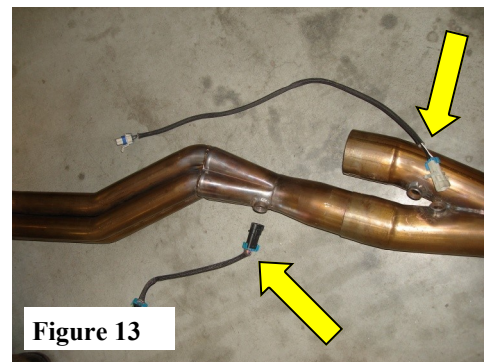
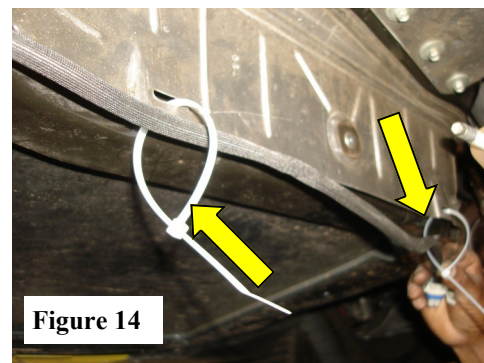
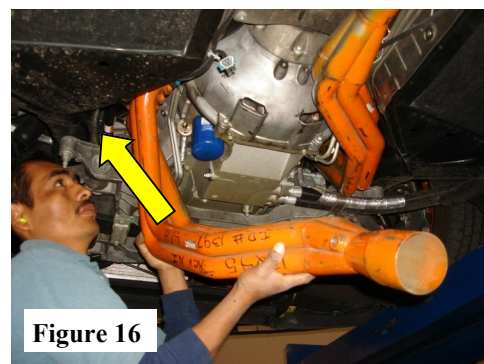
Note: With a used vehicle, we suggest a penetrating spray lubricant to be applied liberally to all exhaust fasteners and allowing a significant period of time for the chemical to lubricate the

10. Remove all oxygen sensors from your original down pipes.
11. Unbolt the hardware on flanges of the catalytic converter pipes from manifolds and factory x-pipes. Remove catalytic converter pipes. (See Fig. 9 & 10)
9. Loosen and remove the driver-side and passenger-side factory exhaust manifold bolts. Place hardware to the side for use during the reinstallation.
10. Carefully remove driver-side exhaust manifold downward below engine. (See Fig. 11)
11. Carefully remove passenger-side exhaust manifold upward from topside of engine bay (See Fig. 12)
12. Discard old header gaskets.



Borla Performance Stainless Steel Long Tube Header System Installation

1. Transfer (2) factory O2 sensors from factory catalytic pipes to new long tube headers. (See Fig. 13)
2. Connect O2 sensor using supplied extension cable to upper connectors on both sides. Use zip-ties (not included) to support cables. (See Fig. 14)
3. Install passenger-side header above engine. Position supplied gasket and tighten original hardware bolts. (See Figs. 15)
4. Install driver-side header underneath vehicle. Position supplied gasket and tighten original hardware bolts. (See Fig. 16)
5. Connect O2 sensor cables to O2 sensors.

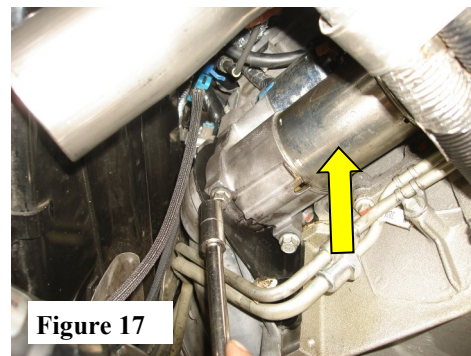
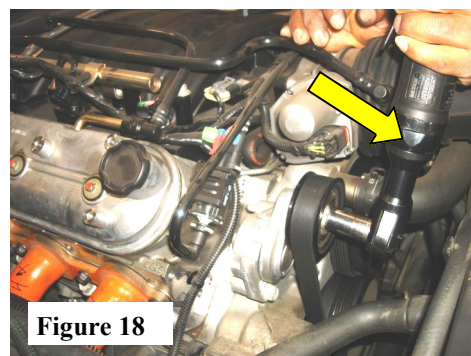
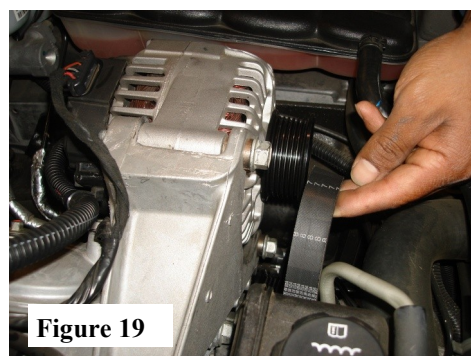
**Figure 13****Figure 14****Figure 15****Figure 16**

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 Long Tube Header System Installation (continued)

6. Re-install dip stick using original hardware.
7. Re-install and tighten spark plugs.
8. Install coil pack assembly (Both sides).
9. Connect coil pack assembly electrical connector (both sides).
10. Re-install starter. (See Fig. 17)
11. Re-install alternator and serpentine belt. (See Fig. 18 & 19)
12. Reinstall cover trim pieces. (See Fig. 20)
13. Connect X-pipe to new header system using provided clamps.
14. Connect Extension Pipes to X-Pipe using provided clamps.
15. Reconnect the battery as recommended by the vehicle manufacturer. (See Fig. 21)
16. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
17. 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 17****Figure 18****Figure 19****Figure 20****Figure 21**