



**Thank you for purchasing a Borla Performance Cat-back™ Exhaust System.**

Precision manufactured using aircraft quality T-304 stainless steel; this system is designed to endure years of heavy use. Installing a Borla Performance Exhaust System on your vehicle will eliminate the restrictive design of the stock exhaust, allowing your engine to discharge exhaust gas easier. The result is more horsepower and torque, longer engine life, and a distinctive throaty growl- all this, with easy bolt-on installation. These installation instructions have been written to help you in the installation of your Borla Performance Exhaust System. Please read it completely before installing your system.

**This Borla Performance Header (Part number 17220) has been designed for the 2003-2004 Mitsubishi Lancer Evolution equipped with a 2.0L turbocharged 4 cylinder engine, all wheel drive and automatic or manual transmissions.**

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...*

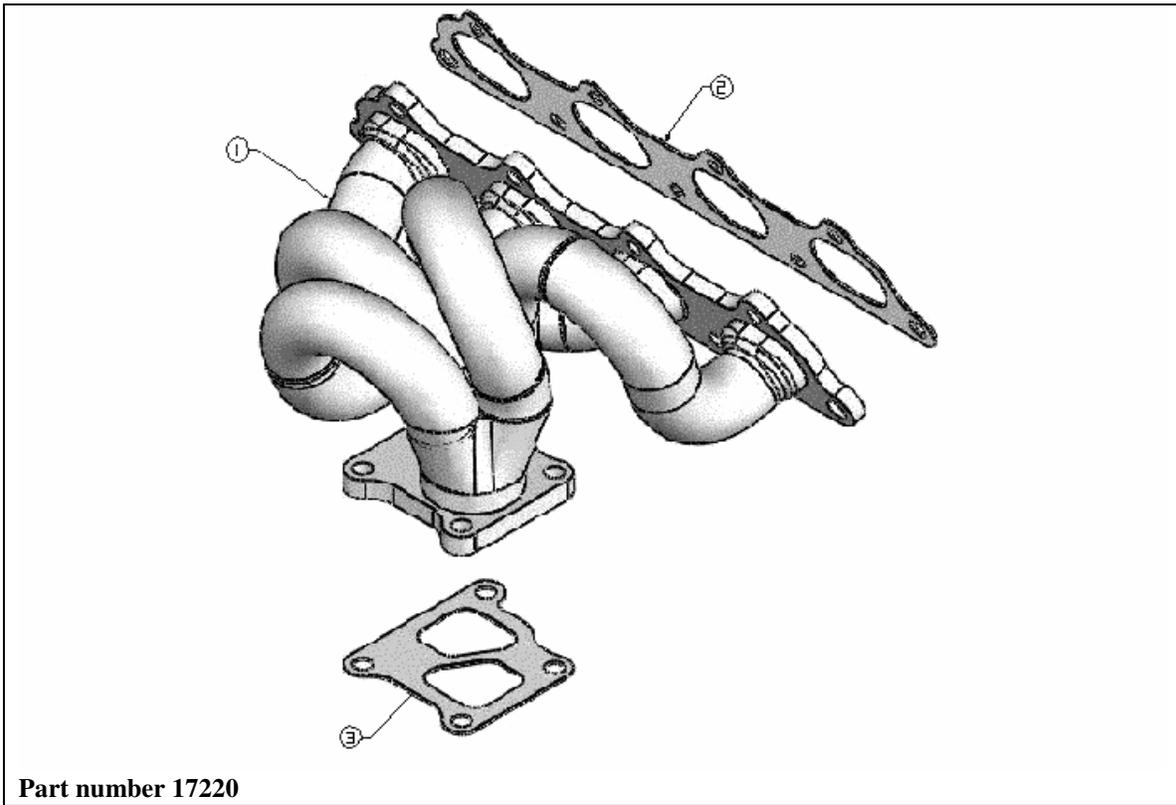
By installing your Borla Performance Stainless Steel Headers, you indicate that you have read this document and you agree with the terms stated below.

It is the responsibility of the purchaser to follow all installation instruction guidelines and safety procedures supplied with your Borla Performance Stainless Steel Headers.

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 Stainless Steel Headers 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 Stainless Steel Headers, please give us a call at the number provided on the warranty card.

## Borla Performance Stainless Steel Headers Bill of Materials



1. Header assembly
2. Header flange gasket
3. Collector flange gasket

**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.

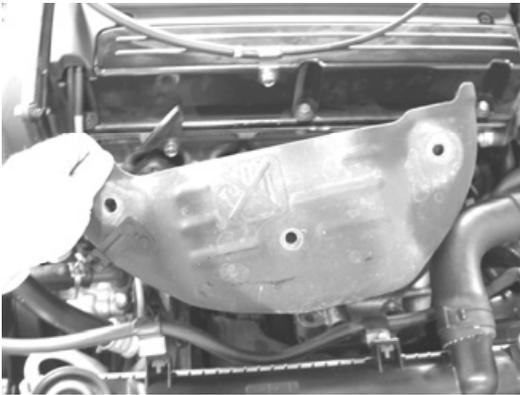
*Note: It is our recommendation that you use a hoist or hydraulic lift to facilitate the installation of your new Borla Performance Stainless Steel Headers.*

***Note: Before removing the original exhaust manifolds 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 Stainless Steel Headers.***

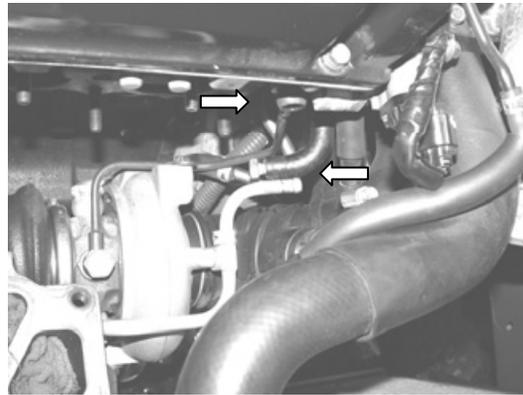
## Original Exhaust Manifold Removal

*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 battery.
2. Unbolt and remove heat shield as shown in figure 1.
3. Unbolt exhaust manifold from cylinder head and at the collector flange making sure to save the hardware for use during the installation of your new header.
4. Disconnect the oil line leading to the turbo by unbolting the banjo fitting shown in figure 2 and disconnect the coolant line leading to the turbo.
5. Unbolt the bracket connecting the turbo to the engine block. This will allow some movement of the turbo.



**Figure 1**



**Figure 2**

6. Remove exhaust manifold from vehicle as shown in figure 3.



Figure 3

## Borla Performance™ Header Installation

**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.

1. Using the original hardware and the gaskets supplied, place your new Borla Performance header into position as shown in figure 4.
2. Reinstall oil and coolant lines and secure bracket from turbo to the engine block using the original hardware.
3. Secure all fasteners according to the vehicle manufacturer's recommended torque values.
4. Drain coolant into a clean container until it is below the upper radiator hose level.
5. Remove upper radiator hose, remove the clamp from the hose and cut the end of the hose 1" as shown in figure 5.



Figure 4

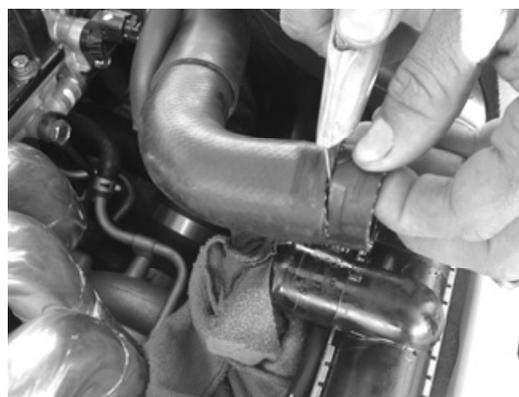


Figure 5

6. Install the heat shield provided with your header over the upper radiator hose as shown in figure 6.
7. Install the clamp over the upper radiator hose and then install the upper radiator hose making sure to clamp it into position.
8. To provide more distance between the coolant overflow line and the header, bend down the bracket located on driver side of radiator as shown in figure 7.



**Figure 6**



**Figure 7**

9. Fill radiator with coolant to the vehicle manufacturer's recommended level.
10. Before starting your vehicle, make sure to check all wires and hoses for safe clearance from the Header.
11. Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose fasteners or incorrectly positioned gasket) and repair as necessary.
12. With vehicle at idle; allow headers to warm up completely. Turn engine off and allow headers to completely cool down.
13. Once headers have completely cooled down, re-torque fasteners to the factory specifications.
14. Included with your new header is a CAUTION label. Please affix this label under the hood of your vehicle to remind you or anyone who may service your vehicle of the possibility of burns if contact is made with hot header surfaces.

*Note: When you first start your vehicle after the installation of your new Borla Performance Stainless Steel Header, there may be some smoke and fumes coming from the header. 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 header has reached normal operating temperatures.*



**Congratulations!!!** You have completed the installation of the world famous Borla Performance Stainless Steel Header.