

Exhaust System Installation for Nissan GT-R PN 12658



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 Cat-Back™ Exhaust System.

Borla Performance Exhaust System (Part number 12658) has been designed for the Nissan GT-R equipped with a 3.7L twin-turbo V6 engine, all-wheel drive and automatic transmission.

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:

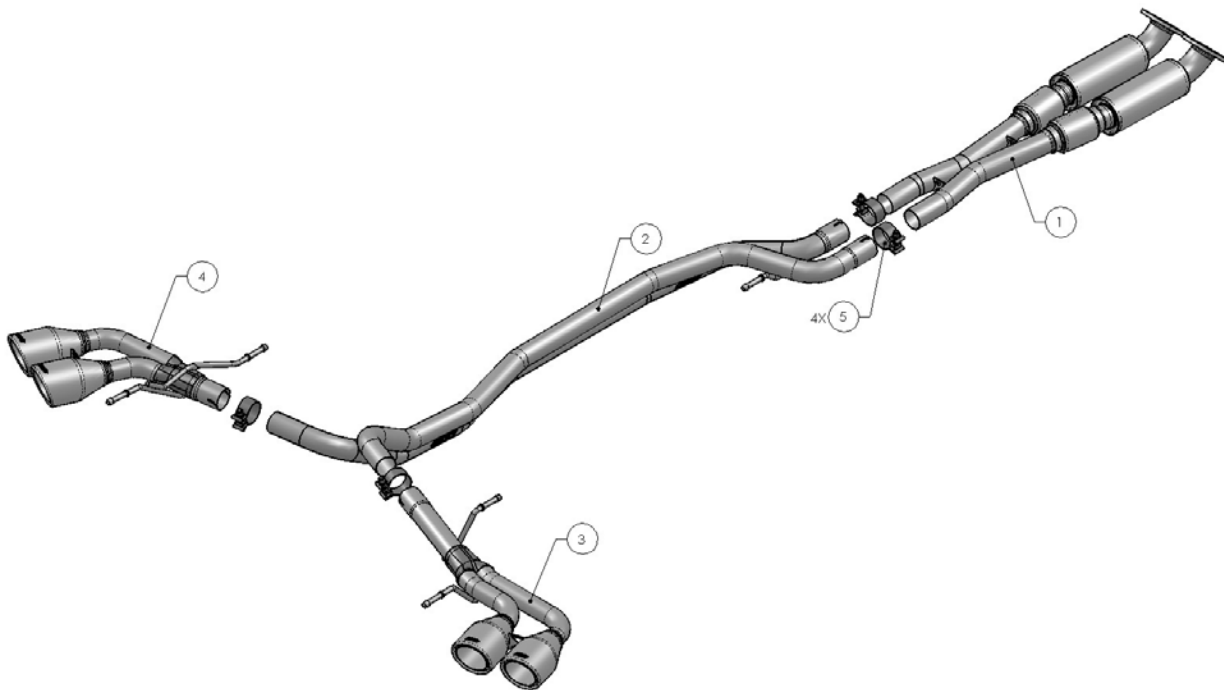
TOOLS:

- 1 3/8" Drive Ratchet
- 2 3/8" Drive Extension 3"
- 3 8mm, 10mm, 14mm Sockets
- 4 Pry Bar

SHOP SUPPLIES:

- 1 Spray Lubricant

Borla Performance Bill of Materials



- 1. Front muffler assembly
- 2. Intermediate pipe assembly
- 3. R/H Rear Muffler Assy
- 4. L/H Rear Muffler Assy
- 5. S/S Clamp 2.25" (Qty 4)

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 Cat-Back™ Exhaust System.

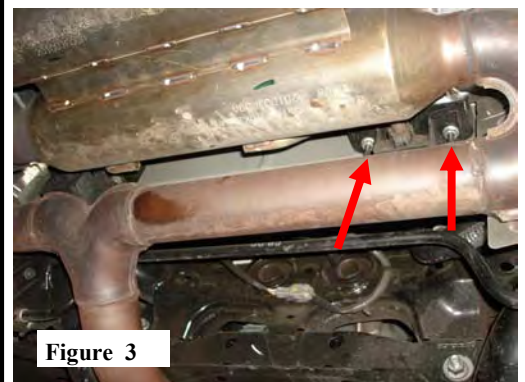
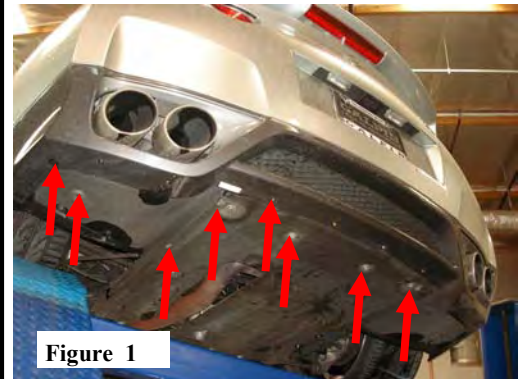
Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

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 Cat-Back™ Exhaust 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. Remove (3) rear section panels using 8mm and 10mm sockets. (See Figure 1 & 2)
2. Remove rear-muffler 12mm bolts, both sides. (See Figure 3)



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 threads before attempting to disassemble.

3. Loosen and remove flange bolts behind front muffler. Keep hardware for installation. (See Fig. 4)
4. Remove (4) 12mm bolts from rear hanger keeping hardware for installation. (See Fig. 5)
5. Lubricate all the hangers and rubber isolators.
6. Using a muffler stand or an additional person to support the front muffler into position, remove the hangers from the rubber isolators. Support rear mufflers and remove hangers from the rubber isolators. (See Figure 3) Carefully remove OE exhaust from vehicle.
7. Carefully remove exhaust assembly. (See Figs. 6 & 7)
8. Remove front muffler assembly bolts from flanges. Remove front muffler assembly.

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.



Figure 4



Figure 5



Figure 6



Figure 7

Borla Performance Exhaust System Installation

1. Install Front Muffler Assembly using original hardware. (See Fig 8)
2. Place a clamp on each notched pipe of the Intermediate Pipe Assembly and insert into Front Pipe Assembly. Carefully insert hangers into rubber isolators. (See Fig. 9)
3. Place a clamp over notched end of R/H Rear Muffler Assembly and insert into Intermediate Pipe Assembly. Carefully insert hangers into rubber isolators. (See Fig. 10)
4. Repeat above for L/H Rear Muffler Assembly.
5. Check your exhaust system for proper clearance under the vehicle and also for tip alignment.
6. Once position has been determined to be correct, tighten the Accuseal™ clamp to 32-35 ft. lbs. making sure the clamps openings are not over any of the notches in the pipes. (See Figure 11)
7. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
8. Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose hardware or incorrectly positioned clamp) and repair as necessary.

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.

