

Exhaust System Installation for Lexus RCF PN- 12671*



******* 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 Exhaust System.

Borla Performance Exhaust System (PN-12671) is designed for the Lexus RC-F, with 5.0L engine, automatic transmission.

***This Product is for Racing or Off –Road-Use-Only and is not CARB Emissions compliant.**

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.

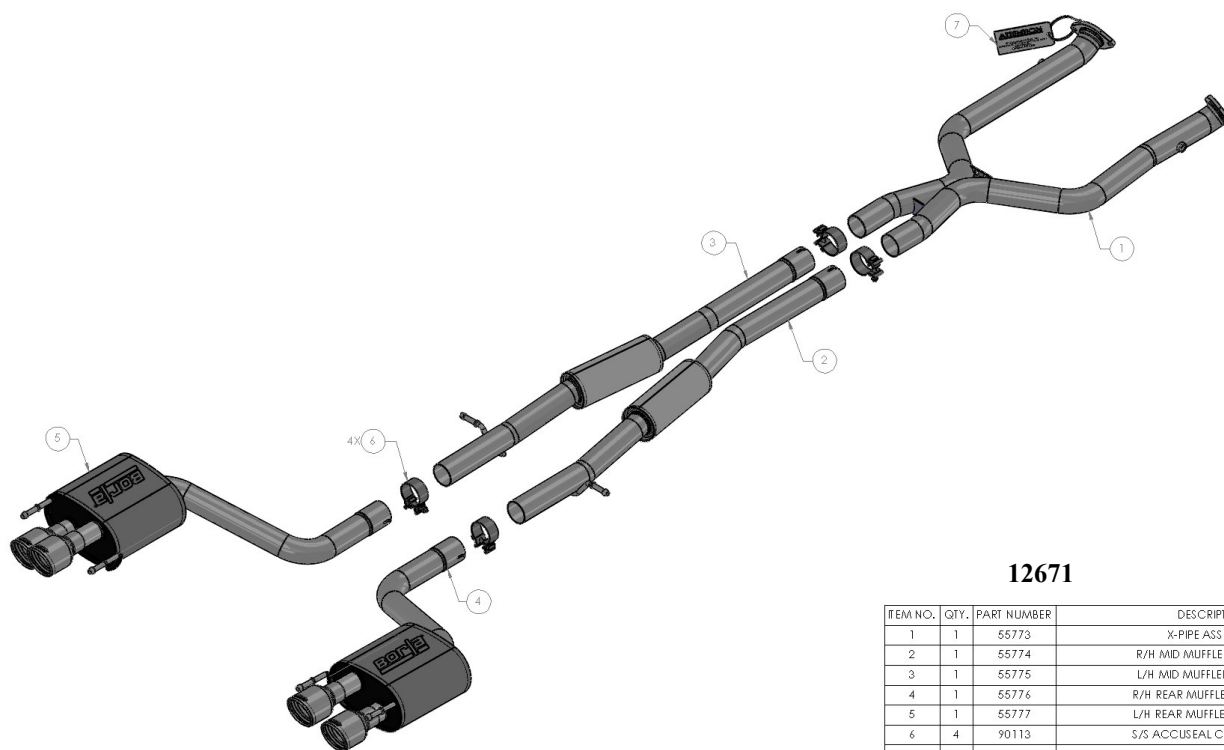
Included with your Borla Performance Exhaust System is a warranty card. Please read it carefully before you begin any work on your vehicle. If you should have any questions regarding our warranty policy, installation, or any other matter pertaining to your

Minimum Required Tool List:**TOOLS:**

1. 3/8" Drive Ratchet
2. 3/8" Drive Extension 3"
3. 15mm Socket
4. 14mm Socket
5. 12mm Socket
6. 10mm Socket
7. Crosshead Screwdriver
8. 7/8" O2 Sensor Socket
9. Pry Bar

SHOP SUPPLIES:

- 1 Spray Lubricant
- 2 Anti-seize Compound

Borla Performance - Bill of Materials**12671**

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	55773	X-PIPE ASSEMBLY
2	1	55774	R/H MID MUFFLER ASSEMBLY
3	1	55775	L/H MID MUFFLER ASSEMBLY
4	1	55776	R/H REAR MUFFLER ASSEMBLY
5	1	55777	L/H REAR MUFFLER ASSEMBLY
6	4	90113	S/S ACCUSERAL CLAMP Ø2.50
7	1	96240	OFF HIGHWAY USE ONLY DISCLAIMER

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Use-Only and is not CARB Emissions com-
pliant.**

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 exhaust system rubber isolators, bolts and nuts.
2. Support the muffler system with a muffler stand.
3. Loosen and remove the hardware on the both right-side and left-side rear flanges. Carefully remove hangers from the rubber isolators and remove both rear mufflers from vehicle. (See Fig. 1)
4. Unbolt and remove the center support bracket. NOTE: Adjacent plastic shields must be unbolted and pulled down to uncover the center support bolts. Keep hardware for re-installation of your new exhaust system. (See Fig. 2)
5. Unplug and remove the left and right oxygen sensors from the factory exhaust system using a 7/8" socket. Remove the flange hardware and remove the rearward remaining exhaust system from the vehicle. (See Fig. 3)
6. Exhaust system and X-pipe removed. (See Fig. 4)

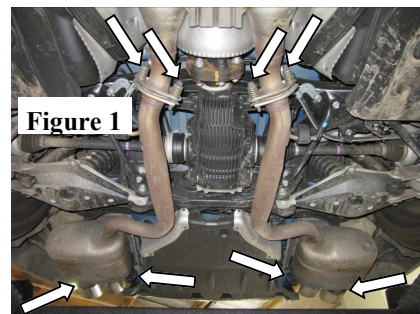


Figure 1

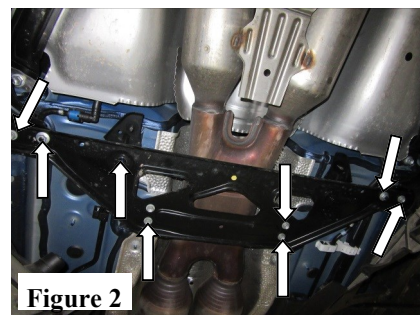


Figure 2

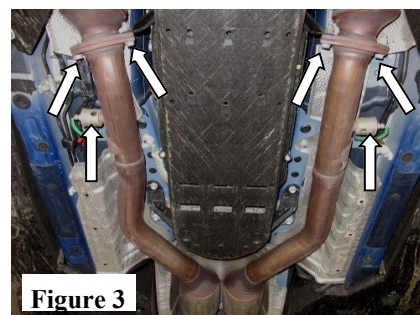


Figure 3

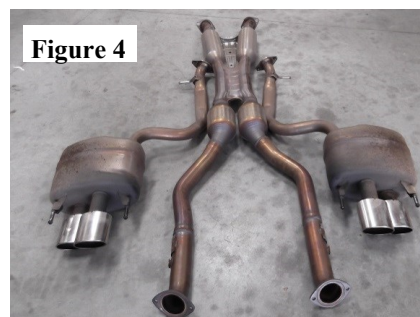


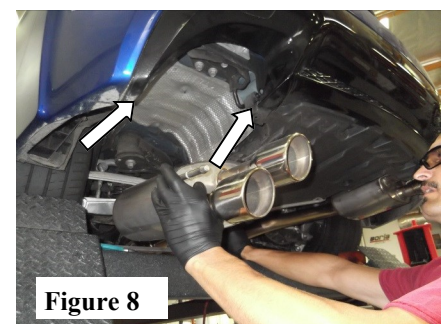
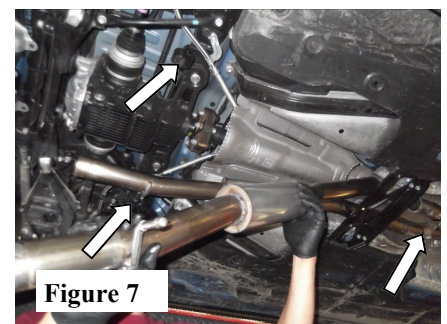
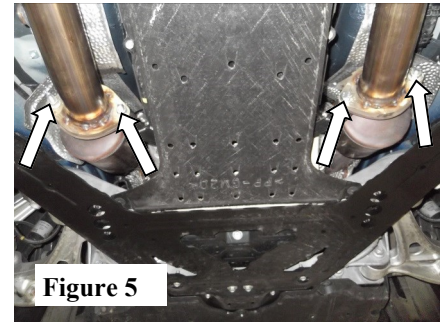
Figure 4

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.*

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.*

Borla Performance Exhaust Installation

1. Using a muffler stand for support, install **X-pipe Assembly** to factory flanges using original hardware. Hand tighten the hardware. (See Fig. 5)
2. Apply anti-seize to the oxygen sensor threads and install the oxygen sensor into the front pipe. Torque the oxygen sensor to 25-32 ft. lbs. (See Fig. 6)
3. Place a clamp over the expanded end of the **R/H Intermediate Muffler Assembly** and insert the end into the right-side **X-Pipe Assembly**. Carefully insert the hanger into rubber isolator. (See Fig. 7) Do not tighten the clamps.
4. Repeat Step 3 for the **L/H Intermediate Muffler Assembly** to the left-side **X-Pipe Assembly**.
5. Place a clamp over the expanded end of the **R/H Rear Muffler Assembly** and insert the end into the right-side **R/H Intermediate Muffler Assembly**. Carefully insert the hangers into rubber isolators. Do not tighten the clamps.
6. Repeat Step 5 for the **L/H Intermediate Muffler Assembly** to the **L/H Intermediate Muffler Assembly**. (See Fig. 8)
7. Reinstall the center support bracket and the plastic shield.
8. Check your exhaust system for proper clearance under the vehicle and also for tip alignment. (See Fig. 9)
9. Once position has been determined to be correct and starting with clamps at the Intermediate Muffler then moving rearwards to the Rear Muffler clamps, tighten the Accuseal clamps to 32-25 ft. lbs. Tighten the flange hardware to 18-22 ft. lbs.
10. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
11. Start vehicle and check for any leaks. If any leaks are found, determine cause and repair as necessary.



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