

Installation Guide for Ford F-150

PNs 140870/BC, 140871/BC, 140872/BC, 140873/BC, 140874/BC, 140875/BC, 140876/BC, 140877/BC,
140880/BC, 140881/BC



******* 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 Cat-Back™ exhaust system.

Borla Performance Cat-Back™ exhaust systems PNs 140870/BC, 140871/BC, 140872/BC are designed for the Ford F-150 Crew Cab Short Bed and Extended Cab Standard Bed (145.4" wheelbase), equipped with a 2.7L/3.5L V6 engine and 2WD or 4WD automatic transmission.

These will not fit vehicles equipped with the 3.5L PowerBoost.

Borla Performance Cat-Back™ exhaust systems PNs 140873/BC, 140874/BC, 140875/BC are designed for the Ford F-150 Crew Cab Short Bed and Extended Cab Standard Bed (145.4" wheelbase), equipped with a 5.0L V8 engine and 2WD or 4WD automatic transmission.

Borla Performance Cat-Back™ exhaust systems PNs 140876/BC, 140877/BC are designed for the Ford F-150 Regular Cab Standard Bed (122.8" wheelbase), equipped with a 2.7L V6/5.0L V8 engine and 2WD or 4WD automatic transmission.

Borla Performance Cat-Back™ exhaust systems PNs 140880/BC, 140881/BC are designed for the Ford F-150 Crew Cab Short Bed and Extended Cab Standard Bed (145.4" wheelbase), equipped with a 3.3L V6 engine and 2WD or 4WD automatic transmission.

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 new Borla Performance exhaust system, please give us a call at the number provided on the warranty card.

Minimum Required Tool List:

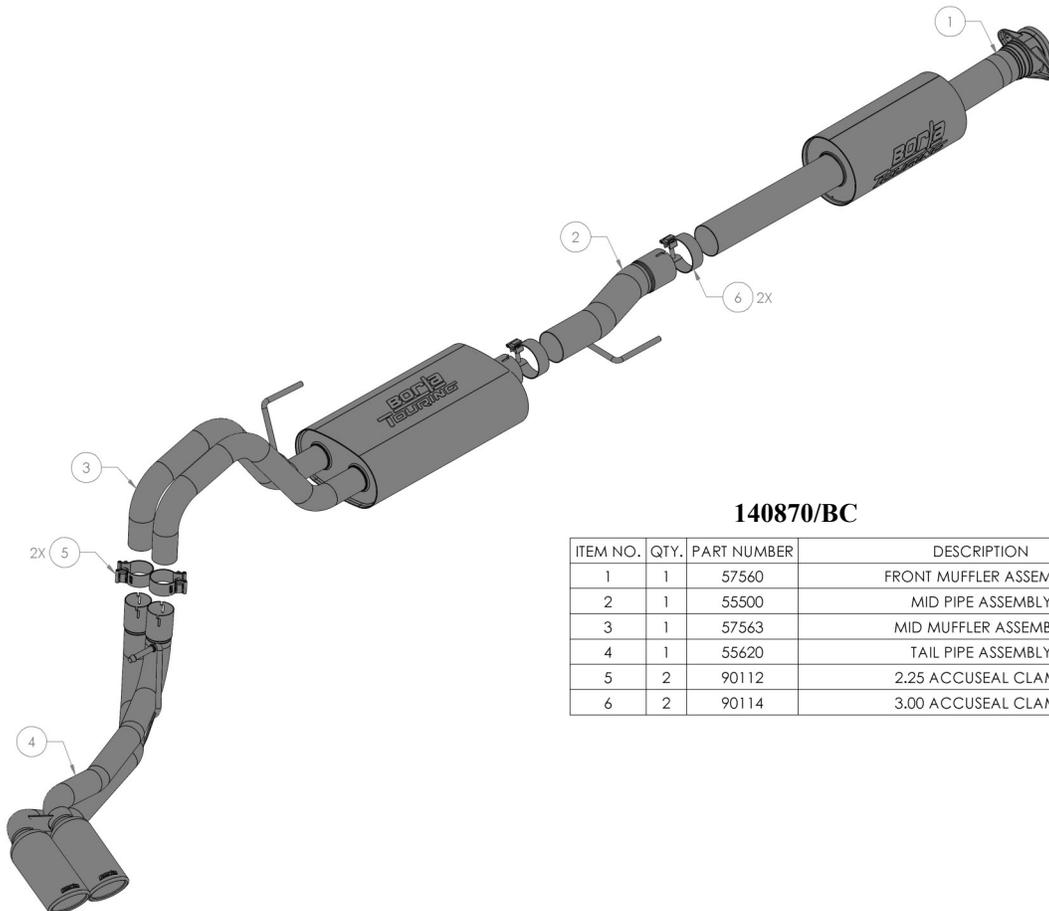
TOOLS:

1. 3/8" drive ratchet
2. 3/8" drive extension 6"
3. 15mm deep well socket
4. 10mm socket
5. 13mm socket
6. Pry bar

SHOP SUPPLIES:

1. Spray lubricant

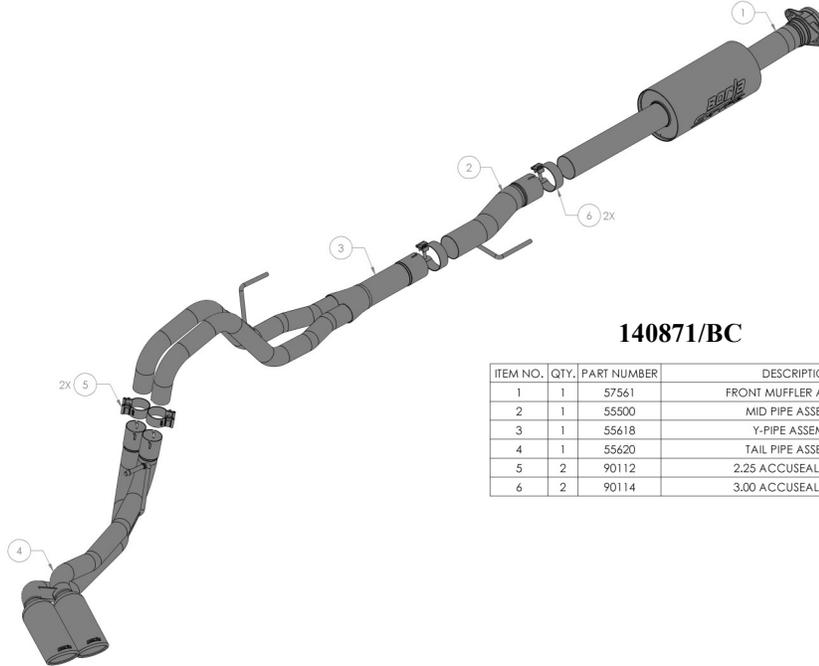
Borla Performance - Bill of Materials



140870/BC

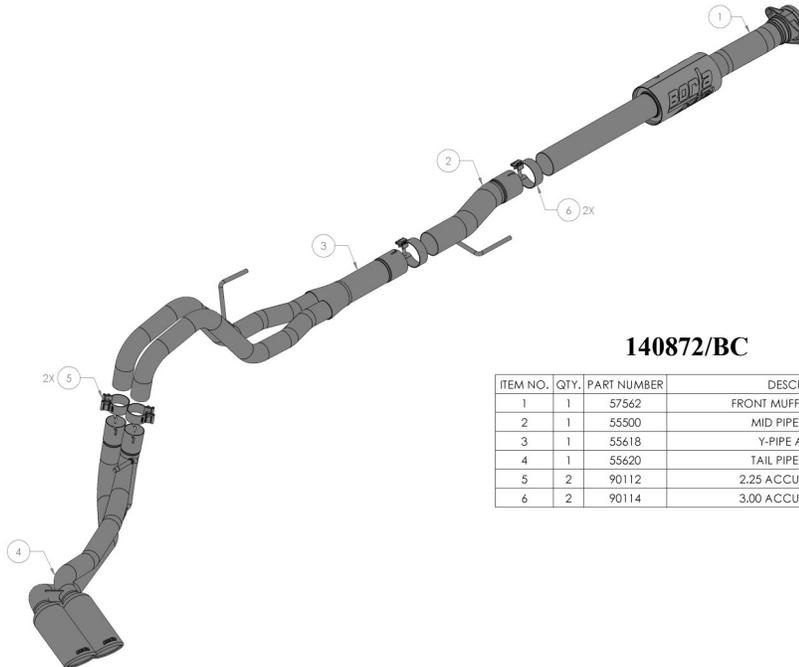
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57560	FRONT MUFFLER ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	57563	MID MUFFLER ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP

Borla Performance - Bill of Materials



140871/BC

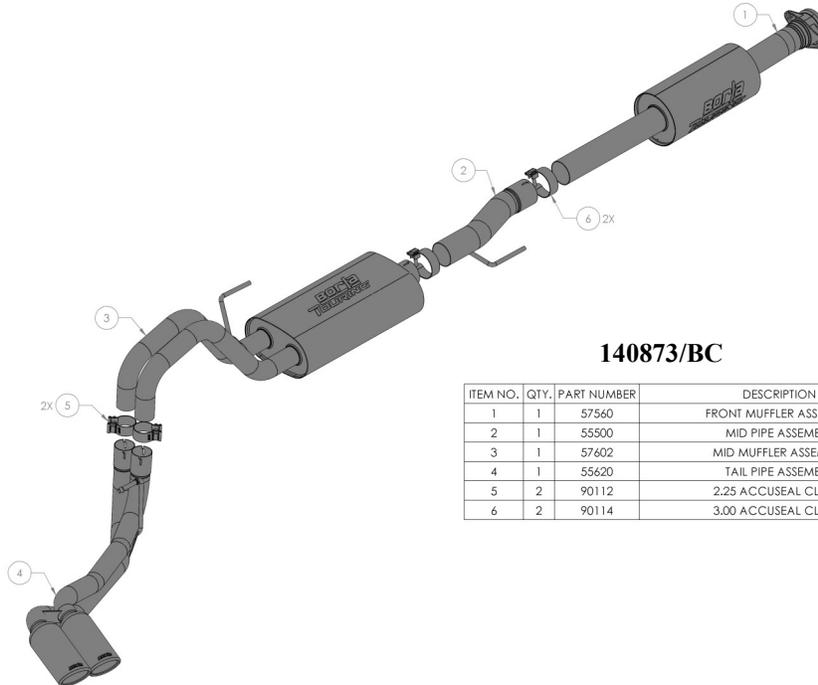
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57561	FRONT MUFFLER ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	55618	Y-PIPE ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP



140872/BC

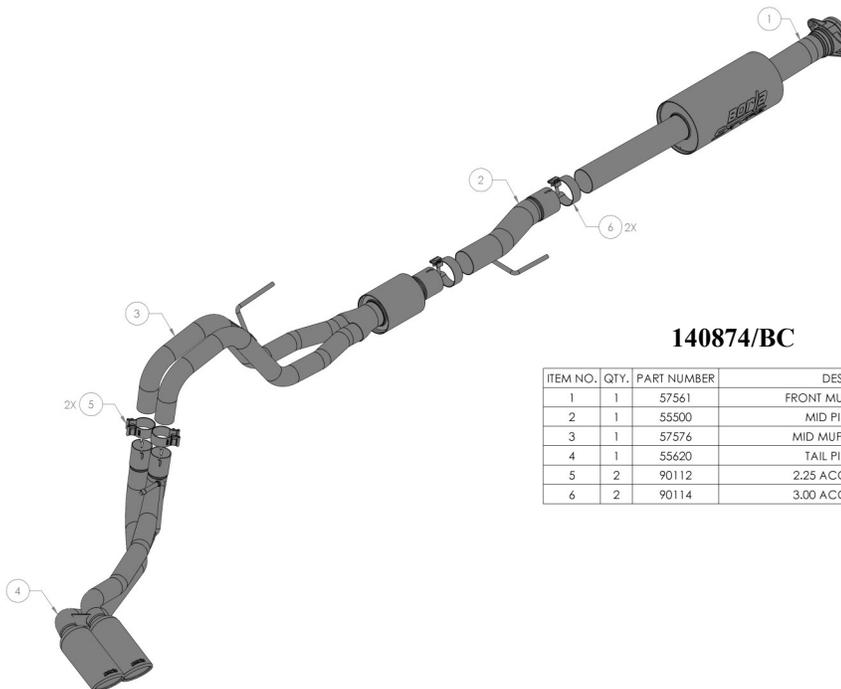
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57562	FRONT MUFFLER ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	55618	Y-PIPE ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP

Borla Performance - Bill of Materials



140873/BC

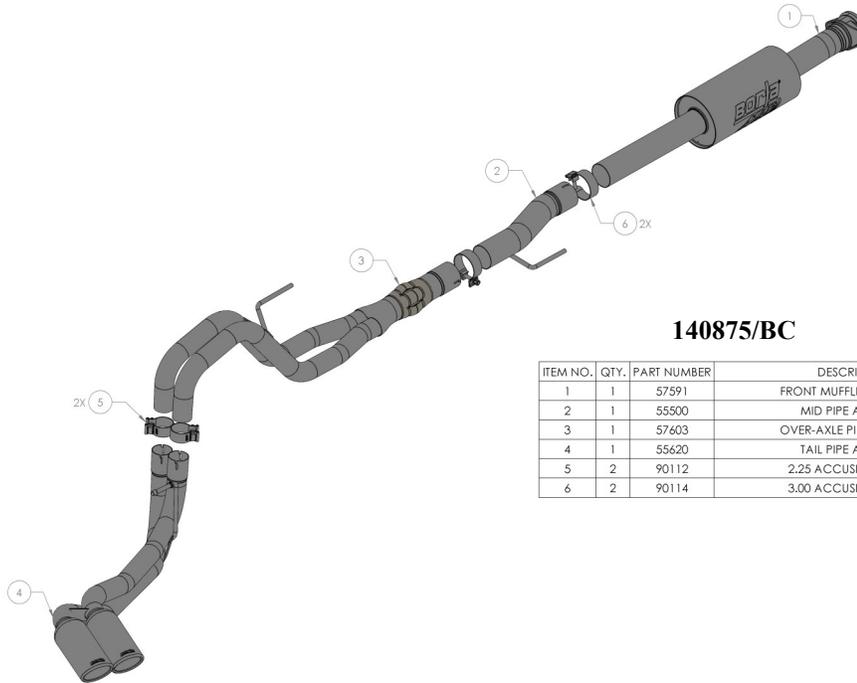
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57560	FRONT MUFFLER ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	57602	MID MUFFLER ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP



140874/BC

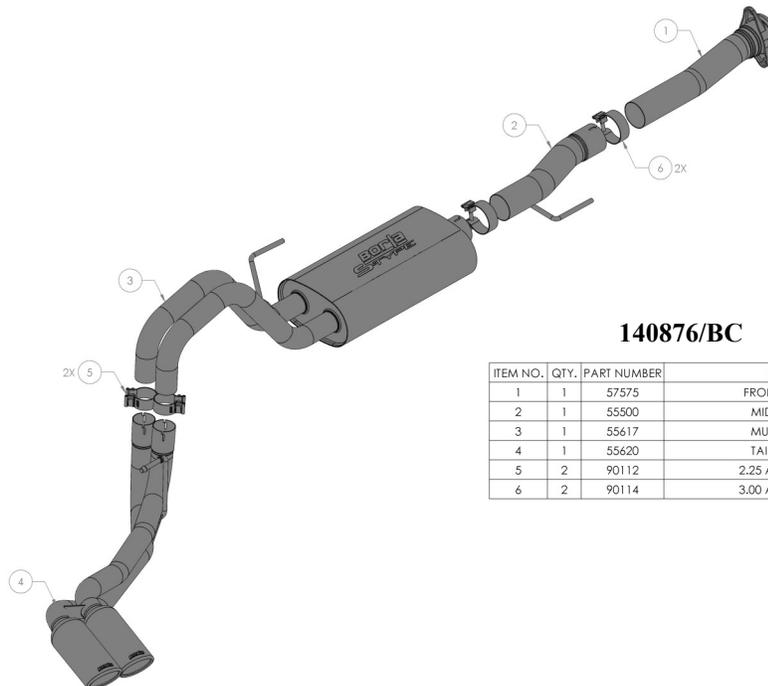
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57561	FRONT MUFFLER ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	57576	MID MUFFLER ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP

Borla Performance - Bill of Materials



140875/BC

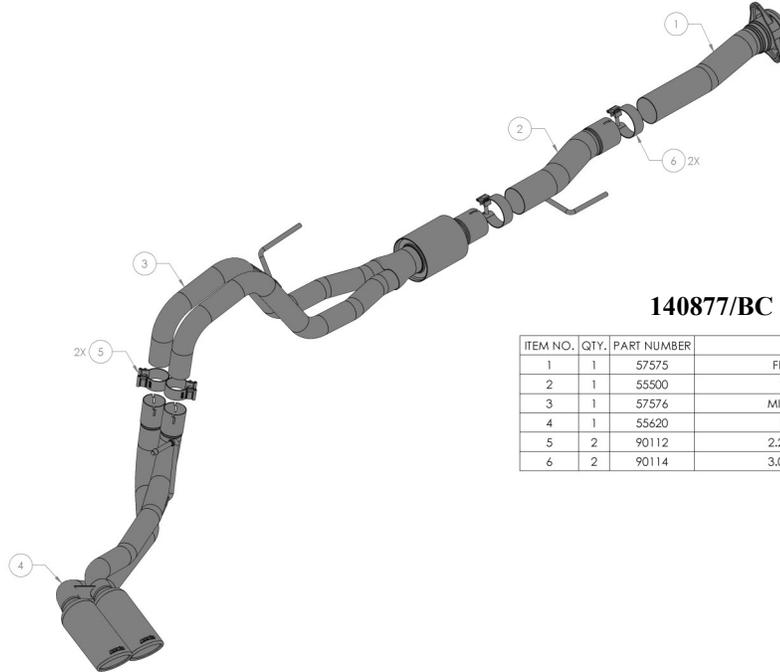
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57591	FRONT MUFFLER ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	57603	OVER-AXLE PIPE ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP



140876/BC

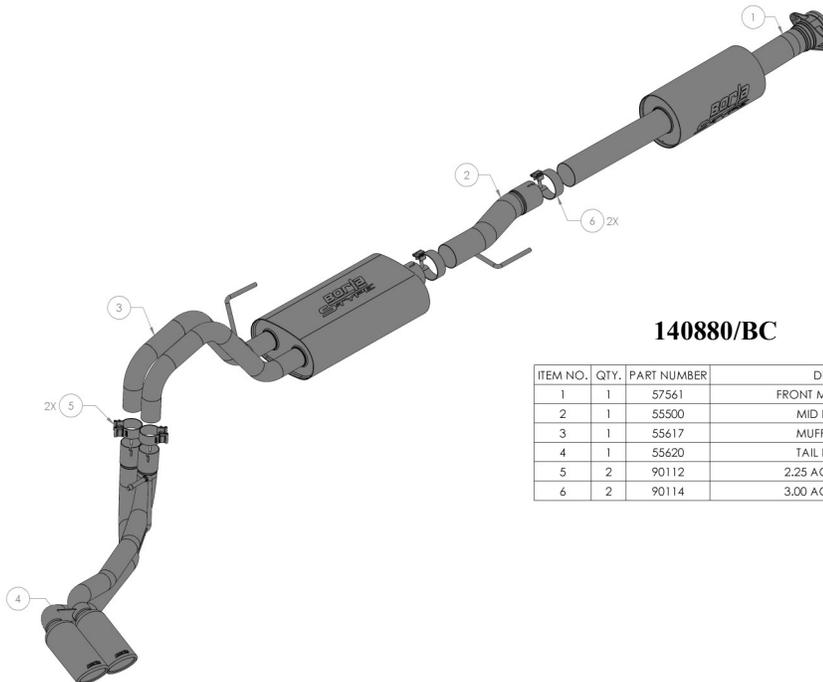
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57575	FRONT PIPE ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	55617	MUFFLER ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP

Borla Performance - Bill of Materials



140877/BC

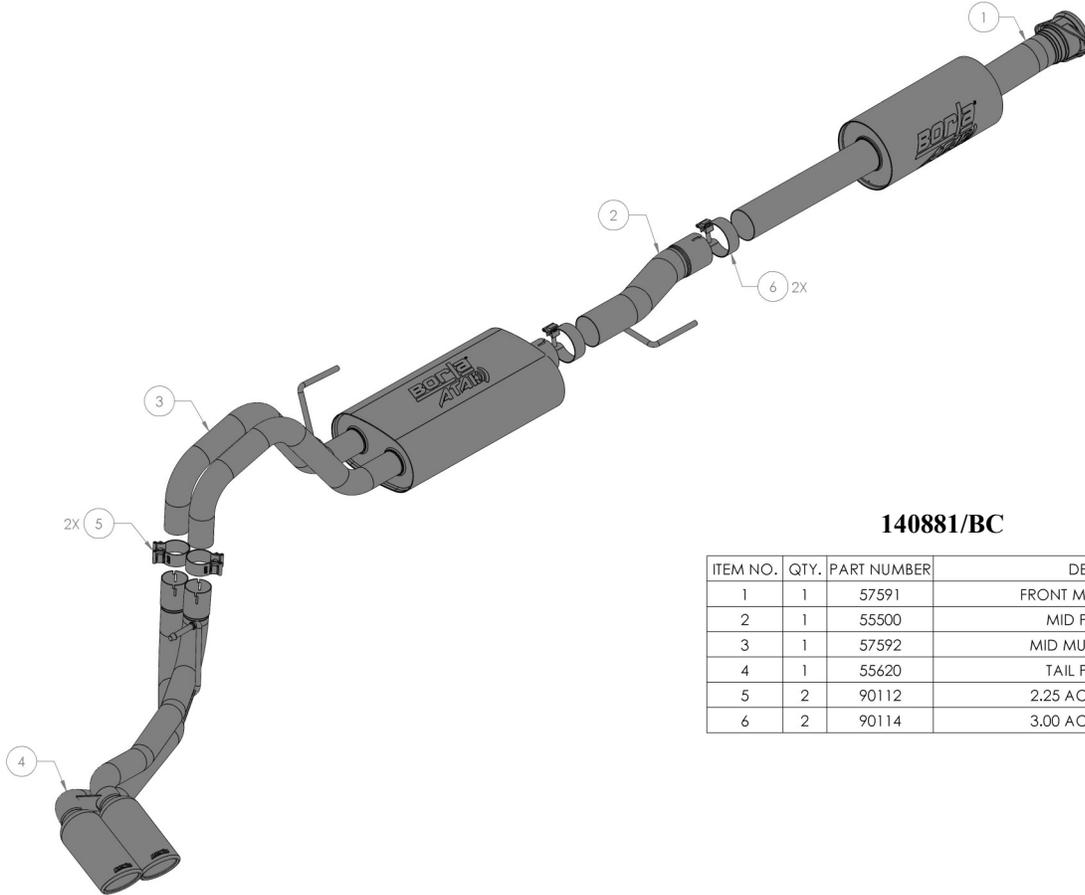
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57575	FRONT PIPE ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	57576	MID MUFFLER ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP



140880/BC

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57561	FRONT MUFFLER ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	55617	MUFFLER ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP

Borla Performance - Bill of Materials



140881/BC

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	57591	FRONT MUFFLER ASSEMBLY
2	1	55500	MID PIPE ASSEMBLY
3	1	57592	MID MUFFLER ASSEMBLY
4	1	55620	TAIL PIPE ASSEMBLY
5	2	90112	2.25 ACCUSEAL CLAMP
6	2	90114	3.00 ACCUSEAL CLAMP

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.*

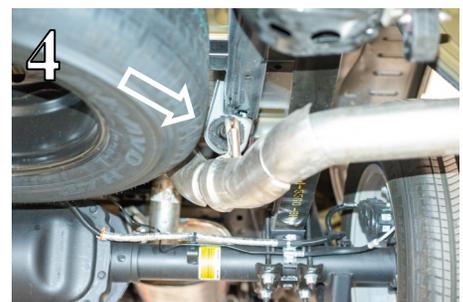
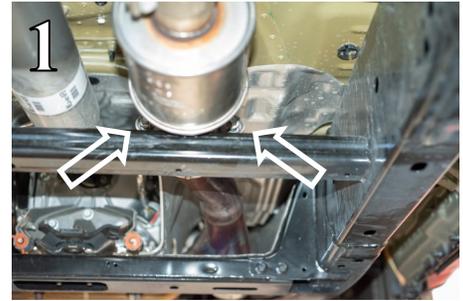
Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

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 all hangers, rubber isolators, bolts and nuts.
2. Remove the hardware connecting original front muffler assembly to vehicle (Fig. 1)
3. Using a flathead screwdriver or a prybar, remove the muffler assembly hangers from the rubber isolators (Figs. 2-4).
4. Using a muffler stand or an additional person, carefully remove the original exhaust system by bringing it toward the front of the vehicle (Fig. 5).
5. Original exhaust system removed.



Borla Performance Cat-Back™ Exhaust System Installation

6. Orient components on shop floor according to Borla bill of materials drawing on pages 2-7.
7. Install **Front Muffler Assembly** using the original hardware. (Fig. 6) Lightly tighten the bolts. Note: users with PNs 140876/BC and 140877/BC will not have a **Front Muffler Assembly**, but will instead have a **Front Pipe Assembly**. Installation between the two is the same.
8. Place a clamp over the expanded end of the **Mid Pipe Assembly** and insert the inlet to the **Front Muffler Assembly**. Insert the hanger into the original rubber isolator. (Fig. 7) Do not tighten the clamp.
9. Place a clamp over the expanded end of the **Mid Muffler Assembly** and insert the inlet to the **Mid Pipe Assembly**. Insert the hanger into the original rubber isolator. (Fig. 8) Do not tighten the clamp. Note: users with PNs 140871/BC, 140872/BC, and 140875/BC will not have a **Mid Muffler Assembly**, but will instead have either a **Y-Pipe Assembly** or an **Over-Axle Pipe Assembly**. Installation between the three is the same.
10. Place a clamp over both of the expanded ends of the **Tail Pipe Assembly** and insert the inlets to the **Mid Muffler Assembly**. Insert the hanger into the original rubber isolator. (Fig. 10) Do not tighten the clamps.
11. Once position has been determined to be correct, tighten the Accuseal clamps to 32-35 ft. lbs.
12. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
13. Start the vehicle and check for any leaks. If any leaks are found, determine cause (such as loose or incorrectly positioned clamp) and repair as necessary.



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.