

Installation Guide for Chevrolet Silverado/GMC Sierra 1500 6.2L True Dual PNs 140778, 140779BC, 140779CF, 140785, 140916



******* 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.

These Borla Performance Cat-Back™ exhaust system (PNs 140778, 140779BC, 140779CF, and 140785) are designed for the Chevrolet Silverado/GMC Sierra 1500, equipped with a 6.2L V8 engine and 2WD or 4WD automatic transmission.

The Borla Performance Cat-Back™ exhaust system (PN 140916) is designed for the Chevrolet Silverado 1500 ZR2 / GMC Sierra 1500 AT4X, equipped with a 6.2L V8 engine and 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:

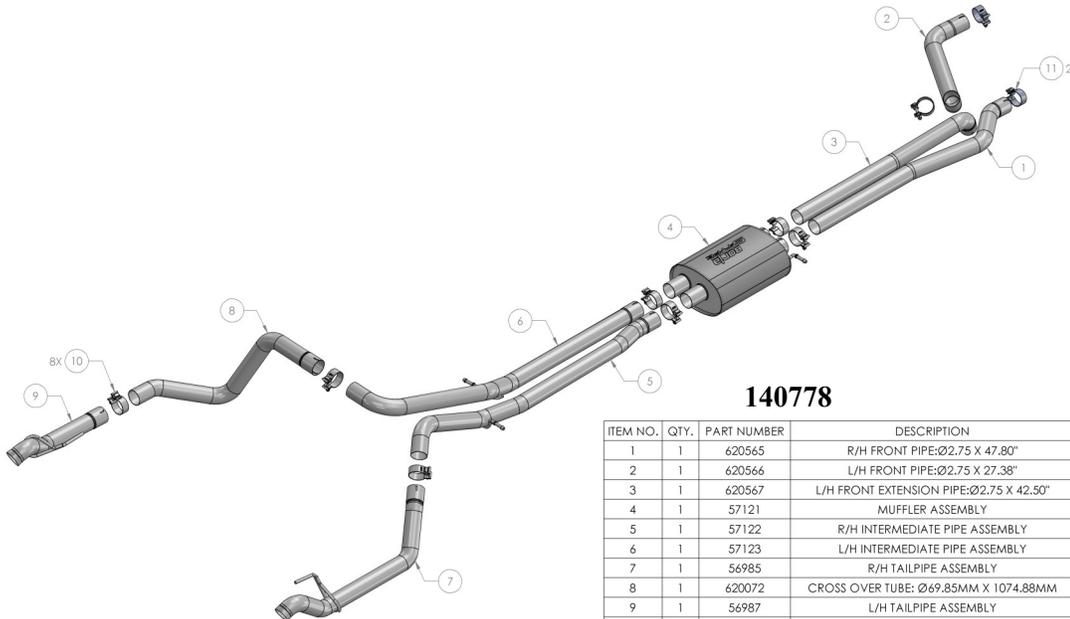
TOOLS:

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

SHOP SUPPLIES:

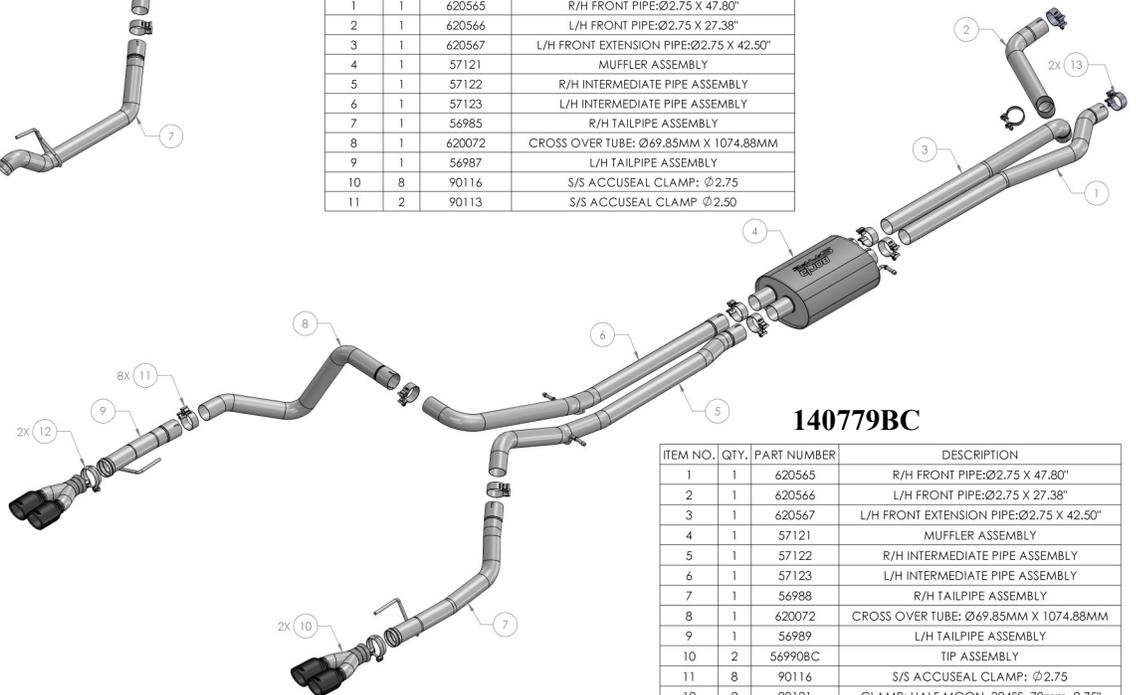
1. Spray lubricant

Borla Performance Bill of Materials



140778

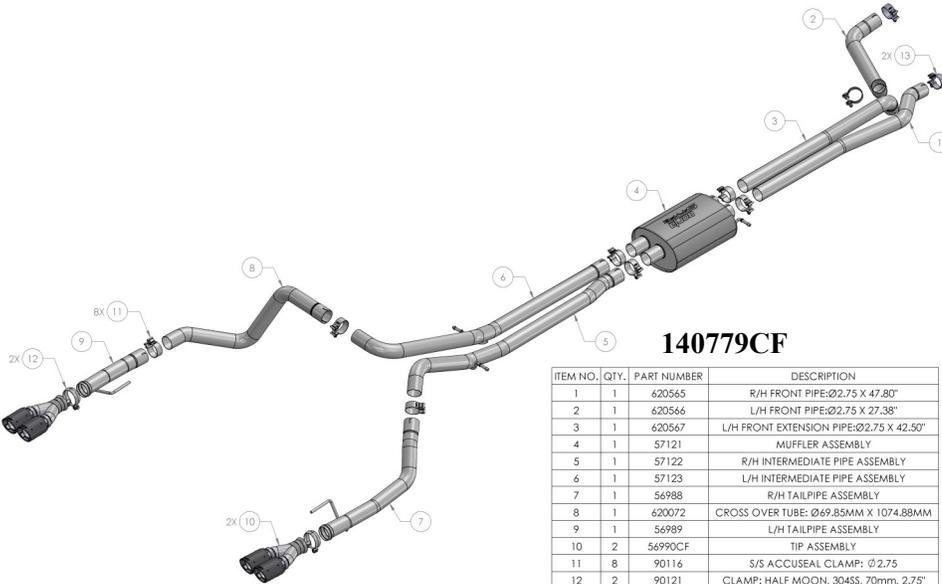
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	620565	R/H FRONT PIPE:Ø2.75 X 47.80"
2	1	620566	L/H FRONT PIPE:Ø2.75 X 27.38"
3	1	620567	L/H FRONT EXTENSION PIPE:Ø2.75 X 42.50"
4	1	57121	MUFFLER ASSEMBLY
5	1	57122	R/H INTERMEDIATE PIPE ASSEMBLY
6	1	57123	L/H INTERMEDIATE PIPE ASSEMBLY
7	1	56985	R/H TAILPIPE ASSEMBLY
8	1	620072	CROSS OVER TUBE: Ø69.85MM X 1074.88MM
9	1	56987	L/H TAILPIPE ASSEMBLY
10	8	90116	S/S ACCUSEAL CLAMP: Ø2.75
11	2	90113	S/S ACCUSEAL CLAMP Ø2.50



140779BC

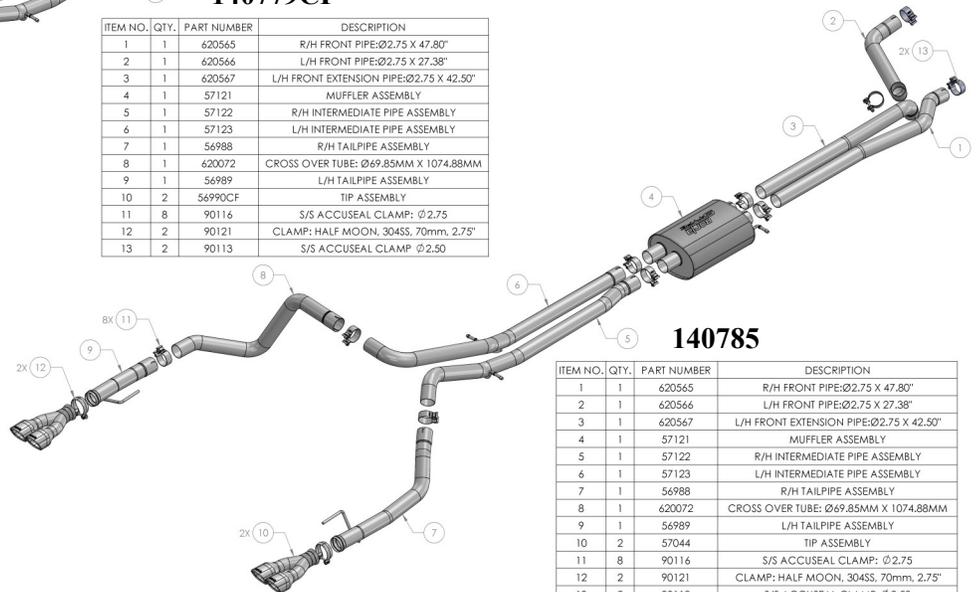
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	620565	R/H FRONT PIPE:Ø2.75 X 47.80"
2	1	620566	L/H FRONT PIPE:Ø2.75 X 27.38"
3	1	620567	L/H FRONT EXTENSION PIPE:Ø2.75 X 42.50"
4	1	57121	MUFFLER ASSEMBLY
5	1	57122	R/H INTERMEDIATE PIPE ASSEMBLY
6	1	57123	L/H INTERMEDIATE PIPE ASSEMBLY
7	1	56988	R/H TAILPIPE ASSEMBLY
8	1	620072	CROSS OVER TUBE: Ø69.85MM X 1074.88MM
9	1	56989	L/H TAILPIPE ASSEMBLY
10	2	56990BC	TIP ASSEMBLY
11	8	90116	S/S ACCUSEAL CLAMP: Ø2.75
12	2	90121	CLAMP: HALF MOON, 304SS, 70mm, 2.75"
13	2	90113	S/S ACCUSEAL CLAMP Ø2.50

Borla Performance - Bill of Materials



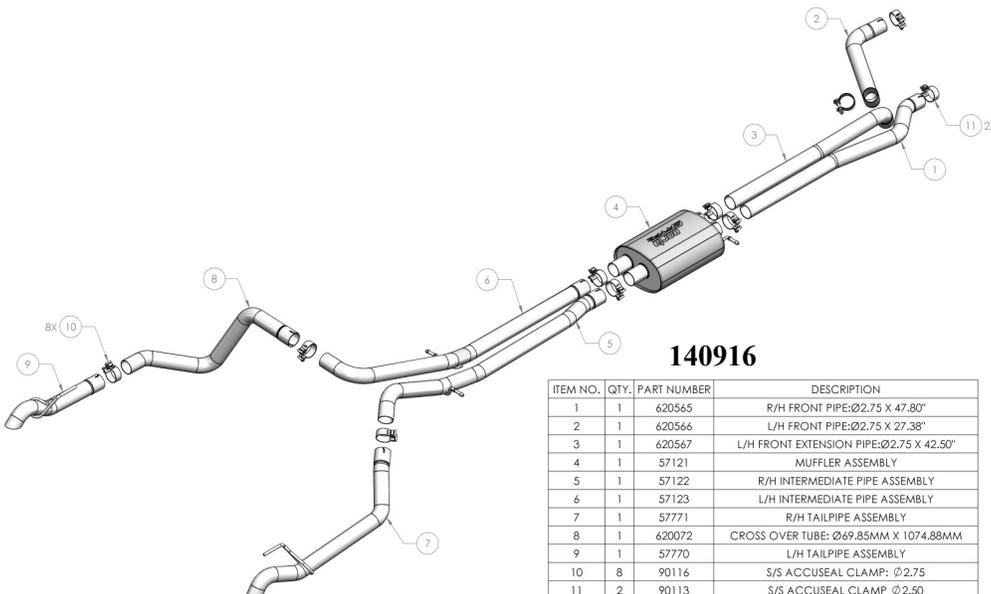
140779CF

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	620565	R/H FRONT PIPE:Ø2.75 X 47.80"
2	1	620566	L/H FRONT PIPE:Ø2.75 X 27.38"
3	1	620567	L/H FRONT EXTENSION PIPE:Ø2.75 X 42.50"
4	1	57121	MUFFLER ASSEMBLY
5	1	57122	R/H INTERMEDIATE PIPE ASSEMBLY
6	1	57123	L/H INTERMEDIATE PIPE ASSEMBLY
7	1	56988	R/H TAILPIPE ASSEMBLY
8	1	620072	CROSS OVER TUBE: Ø69.85MM X 1074.88MM
9	1	56989	L/H TAILPIPE ASSEMBLY
10	2	56990CF	TIP ASSEMBLY
11	8	90116	S/S ACCUSEAL CLAMP: Ø2.75
12	2	90121	CLAMP: HALF MOON, 304SS, 70mm, 2.75"
13	2	90113	S/S ACCUSEAL CLAMP Ø2.50



140785

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	620565	R/H FRONT PIPE:Ø2.75 X 47.80"
2	1	620566	L/H FRONT PIPE:Ø2.75 X 27.38"
3	1	620567	L/H FRONT EXTENSION PIPE:Ø2.75 X 42.50"
4	1	57121	MUFFLER ASSEMBLY
5	1	57122	R/H INTERMEDIATE PIPE ASSEMBLY
6	1	57123	L/H INTERMEDIATE PIPE ASSEMBLY
7	1	56988	R/H TAILPIPE ASSEMBLY
8	1	620072	CROSS OVER TUBE: Ø69.85MM X 1074.88MM
9	1	56989	L/H TAILPIPE ASSEMBLY
10	2	57044	TIP ASSEMBLY
11	8	90116	S/S ACCUSEAL CLAMP: Ø2.75
12	2	90121	CLAMP: HALF MOON, 304SS, 70mm, 2.75"
13	2	90113	S/S ACCUSEAL CLAMP Ø2.50



140916

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	620565	R/H FRONT PIPE:Ø2.75 X 47.80"
2	1	620566	L/H FRONT PIPE:Ø2.75 X 27.38"
3	1	620567	L/H FRONT EXTENSION PIPE:Ø2.75 X 42.50"
4	1	57121	MUFFLER ASSEMBLY
5	1	57122	R/H INTERMEDIATE PIPE ASSEMBLY
6	1	57123	L/H INTERMEDIATE PIPE ASSEMBLY
7	1	57771	R/H TAILPIPE ASSEMBLY
8	1	620072	CROSS OVER TUBE: Ø69.85MM X 1074.88MM
9	1	57770	L/H TAILPIPE ASSEMBLY
10	8	90116	S/S ACCUSEAL CLAMP: Ø2.75
11	2	90113	S/S ACCUSEAL CLAMP Ø2.50

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.*

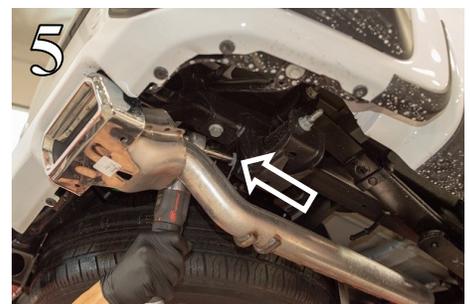
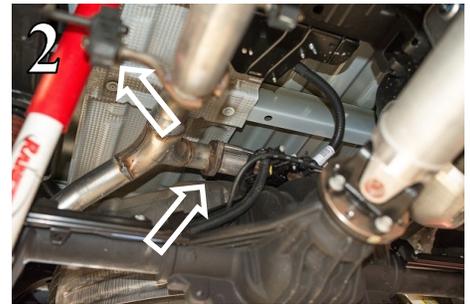
Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

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.*

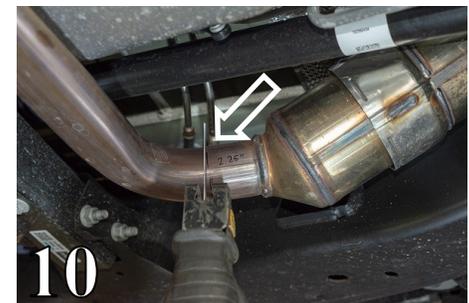
Original Exhaust System Removal

1. Lubricate all hangers, rubber isolators, bolts and nuts.
2. Remove the bolt from the L/H tailpipe hanger mounting bracket (Fig. 1). Keep hardware for later reinstallation.
3. Remove hardware from L/H tailpipe flange near the differential (Fig. 2).
4. Remove L/H tailpipe (Fig. 3).
5. Make a cut directly in front of the muffler assembly (Fig. 4).
6. Loosen hardware on R/H tailpipe hanger mounting bracket and remove (Fig. 5).



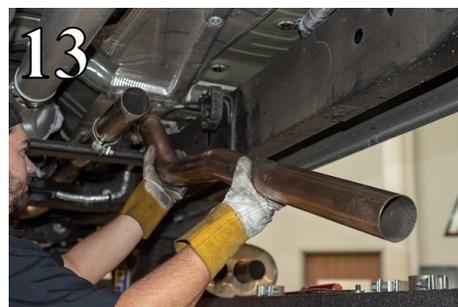
Original Exhaust System Removal Cont'd

7. Using a flathead screwdriver or a pry bar, remove the muffler assembly hangers from their rubber isolators (Figs. 6-7).
8. Using a muffler stand or an additional person, carefully remove the muffler and L/H tailpipe assembly, bringing it towards the front of the vehicle (Fig. 8).
9. Loosen the clamp on the front of the front pipe. Keep the clamp for later reinstallation.
10. Remove the front pipe from the vehicle.
11. Make a cut on the stock y-pipe 2.75" from the L/H catalytic converter (Fig. 9). There should be a 2.75" section of straight pipe after the catalytic converter after you make the cut. **Do not remove the catalytic converter from the vehicle or modify it in any way.**
12. Make a cut on the stock y-pipe 2.25" from the R/H catalytic converter (Fig. 10). There should be a 2.25" section of straight pipe after the catalytic converter after you make the cut. **Do not remove the catalytic converter from the vehicle or modify it in any way.**
13. Original exhaust system removed.



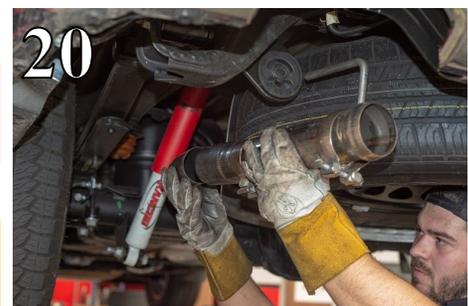
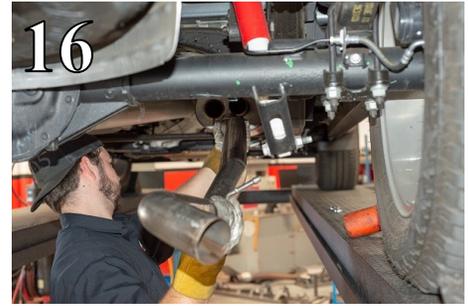
Borla Performance Cat-Back™ Exhaust System Installation

1. Orient the components on shop floor according to Borla bill of materials drawing on page 2 or 3.
2. Slide a clamp over the inlet of the **L/H Front Pipe**.
3. Connect the **L/H Front Pipe** to where you made a cut on the stock y-pipe (Fig. 11).
4. Slide a clamp over the inlet of the **R/H Front Pipe**.
5. Connect the **R/H Front Pipe** to where you made a cut on the stock y-pipe (Fig. 12).
6. Slide a clamp over the inlet of the **L/H Front Extension Pipe**.
7. Connect the **L/H Front Extension Pipe** to the **L/H Front Pipe** (Fig. 13).
8. Slide two clamps over the inlet of the muffler assembly.
9. Connect the **Muffler Assembly** to the outlets of the **Front-Pipes** (Figs. 14-15).



**Borla Performance Cat-Back™
Exhaust System Installation Cont'd**

10. Slide a clamp on the inlet of the **R/H Intermediate Pipe Assembly**.
11. Connect the **R/H Intermediate Pipe Assembly** to the R/H outlet of the **Muffler Assembly** (Fig. 16).
12. Slide a clamp on the inlet of the **L/H Intermediate Pipe Assembly**.
13. Connect the **L/H Intermediate Pipe Assembly** to the L/H outlet of the **Muffler Assembly** (Fig. 17).
14. Reinstall the stock rubber isolators to hang the Borla tailpipes.
15. Slide a clamp on the inlet of the **R/H Tailpipe Assembly**. Tailpipe outlet shape may vary from that which is pictured in this document.
16. Slide the **R/H Tailpipe Assembly** hanger into its rubber isolator and connect it to the **R/H Intermediate Pipe Assembly** (Fig. 18).
17. Place a clamp on the **Cross Over Tube** and connect it to the L/H outlet of the **Muffler Assembly** (Fig. 19). Tailpipe outlet shape may vary from that which is pictured in this document.
18. Place a clamp on the **L/H Tailpipe Assembly** and insert the outlet of the **Cross Over Tube** into it (Fig. 20). Do not tighten the clamp. Tailpipe outlet shape may vary from that which is pictured in this document.
19. **140778 & 140916 only:** Place tailpipe outlets into valance tips / into position for turndowns. For 140779BC, 140779CF, and 140785, skip to page 8.
20. Check your exhaust system for proper clearance under the vehicle and also for tip alignment. Starting at front flanges and moving to rear of vehicle, tighten flange hardware bolts. Orient position of bolt (on supplied clamps) between (not over) pipe notches and tighten to 35 ft. lbs. torque.
21. Align tips and tighten hardware. Loosen clamps to rotate or slide pipe for better alignment.
22. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
23. 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.

Borla Performance Cat-Back™ Exhaust System Installation: 140768BC/CF, 140770BC/CF, 140780, 140781 Quad-Tip Systems

24. Remove the pictured hardware on the L/H and R/H valance tips (Figs. 21-23).
25. The bolt pictured in Fig. 21 may require an air wrench and an extension to remove due to limited clearance.
26. Valance tip removed (Fig. 24).



Borla Performance Cat-Back™ Exhaust System Installation: 140768BC/CF, 140770BC/CF, 140780, 140781 Quad-Tip Systems



27. Place a ball clamp on the outlet of the **R/H Tailpipe Assembly** (Fig. 25).
28. Connect the **Tip Assembly** to the **R/H Tailpipe Assembly** and snug the clamp (Figs. 25-26).
29. Repeat steps 4-5 for **L/H Tailpipe / Tip Assembly**.
30. Please note that you may rotate and adjust the tip assemblies for optimal fitment.
31. Check your exhaust system for proper clearance under the vehicle and also for tip alignment. Starting at front flanges and moving to rear of vehicle, tighten flange hardware bolts. Orient position of bolt (on supplied clamps) between (not over) pipe notches and tighten to 35 ft. lbs. torque.
32. Align tips and tighten hardware. Loosen clamps to rotate or slide pipe for better alignment.
33. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
34. 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.

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