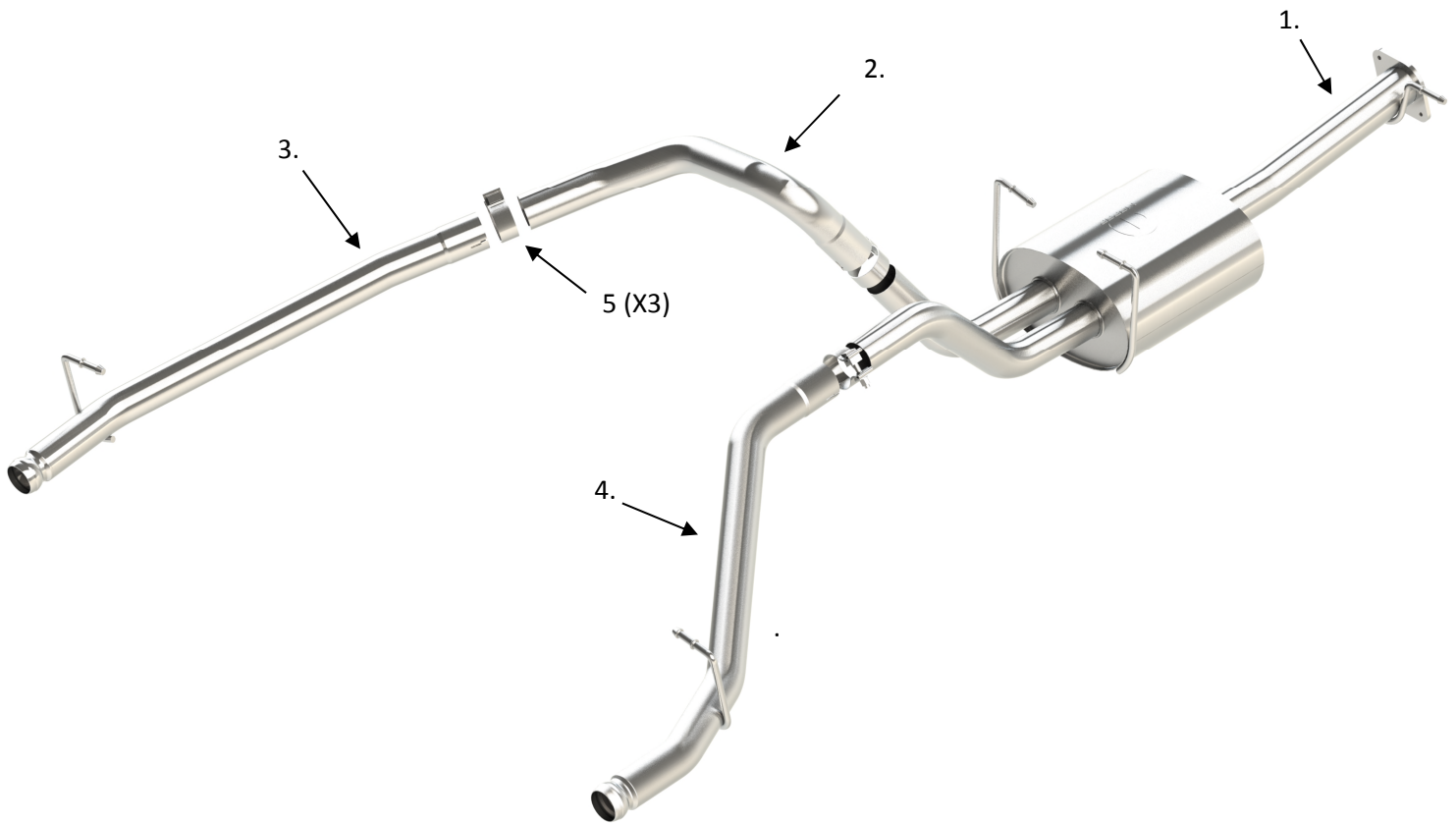


2019 Dodge Ram 5.7L Cat-Back Exhaust System P/N 77072520AA



Call Out	Description	Quantity
1	Front Muffler Assembly	1
2	Crossover pipe	1
3	LH Tailpipe	1
4	RH Tailpipe	1
5	Clamp: 2.5"	3

SYSTEM REMOVAL

It is highly recommended that a professional muffler shop or dealership handle this type of installation for quality results.

NOTE: CAUTION! Never work on a hot exhaust system. Always wear eye protection when working under any vehicle.

NOTE: We suggest a penetrating spray lubricant be applied liberally to all exhaust fasteners and allowing time for the chemical to lubricate the threads before attempting to disassemble.

Suggested Tools for Installation:

(1) Standard 3/8" Ratchet (1)	Boxed End 8mm Wrench	(1) Standard 3/8" x 15mm Socket
(1) Standard 3/8" x 6" Extension	(1) Boxed End 13mm Wrench	(1) Standard 3/8" x 16mm Deep Well Socket
(1) Standard 3/8" x 13mm Socket	(1) Boxed End 15mm Wrench	

1. Lubricate all hangers and rubber isolators. If using a 2 post lift, the rear axle will hang down. If not, the rear of the truck will need to be lifted.
2. To ease the removal and installation of your exhaust, removal of the spare tire and heat shield is recommended by the vehicle manufacturer.
3. Unbolt the band clamps on both tip assemblies and remove. (Figure 1)
4. Unclamp the R/H tailpipe from the system above the axle, remove the hanger from the isolator and remove the R/H tailpipe. (Figures 1, 2)
5. Unbolt the flange on the muffler assembly, retaining hardware for installation of the new Mopar Performance exhaust. (Figure 3)



Figure 1



Figure 2



Figure 3

6. Unbolt the top of the L/H sway bar end link and swing down out of the way for better clearance and place the hardware aside for reinstallation later. The exhaust is hard to work up over the axle. If necessary, make cuts using a reciprocating saw to the stock exhaust system for easier removal. (Figure 3)
7. Use a muffler stand or additional person to support the muffler assembly. Remove the hangars from the rubber isolators (1 at flange, 2 at rear of front muffler, and 1 at rear muffler) and remove the muffler assembly from the vehicle, carefully working the L/H muffler over the rear axle. (Figure 4-7)
8. OE exhaust system removed.

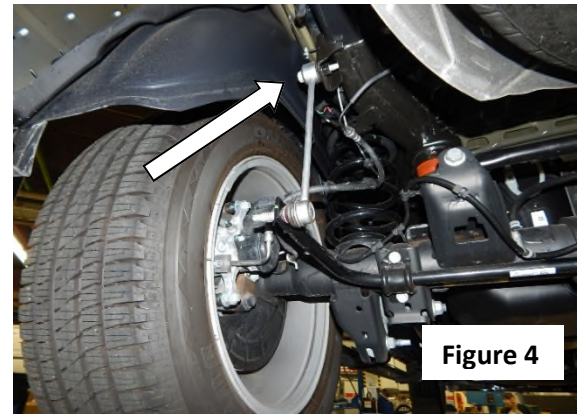


Figure 4



Figure 5



Figure 6

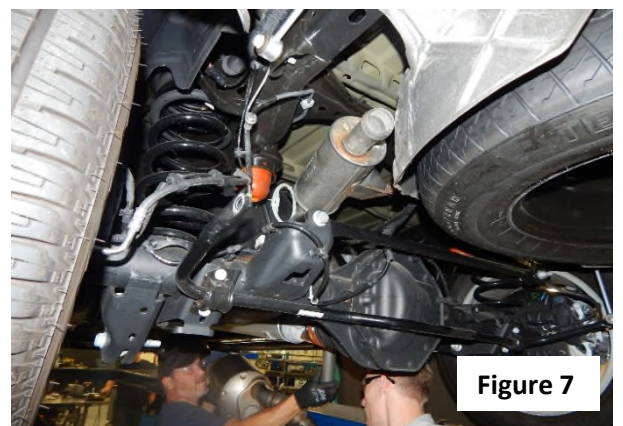


Figure 7

NOTE: WARNING! Torque all fasteners according to manufacturer's values and tightening sequence. DO NOT use air impact tools to tighten fasteners. Use of such tools may result in bent flanges or gasket contact areas leading to exhaust leaks.

Note: All Clamps should be tightened starting from the rear of the vehicle forward to allow for adjustment to the replacement system as necessary.

MOPAR Performance Cat-Back Exhaust System Installation

Note: We recommend laying out full system and hand fitting together before installation for reference.

1. Orient components on floor referencing the drawing on page 1.
2. Raise the Mopar Performance muffler assembly and insert L/H and R/H hangers into rubber isolators. (Figure 8)
3. Raise flanges up to mate, assemble and snug the bolts, DO NOT TIGHTEN. (Reference figure 3).
5. Slide clamps over each of the muffler outlet pipes. Referencing the page 1 drawing for orientation, place expanded ends of L/H mid pipe and R/H tailpipe over muffler assembly outlet pipes. Pull the clamps up to the slip joint. Position the bolt and spacer on supplied clamps between (not over) pipe notches and flush with the edge, and snug, DO NOT TIGHTEN. (Figure 9)
6. Slide band clamp over L/H tailpipe and slide the expanded end of the L/H tailpipe assembly over the mid-pipe. Insert L/H tailpipe hanger into OE rubber isolator. Slide the clamp to the slip joint, and snug, DO NOT TIGHTEN. (Figure 10)

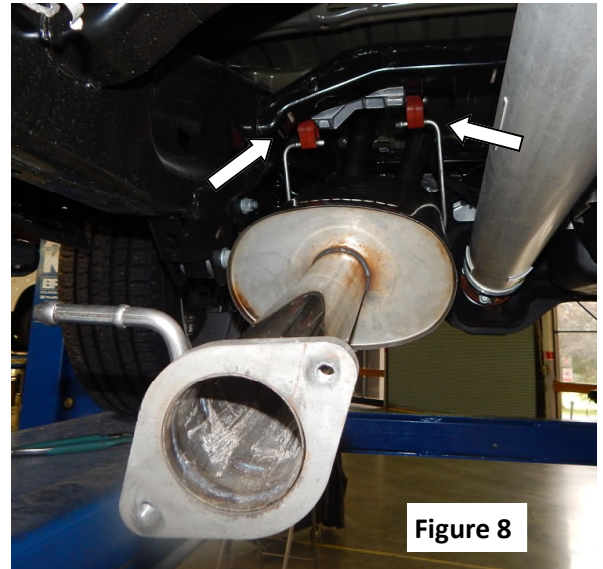


Figure 8

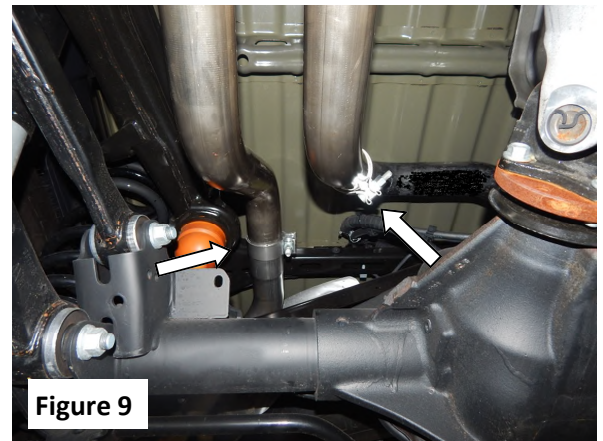


Figure 9

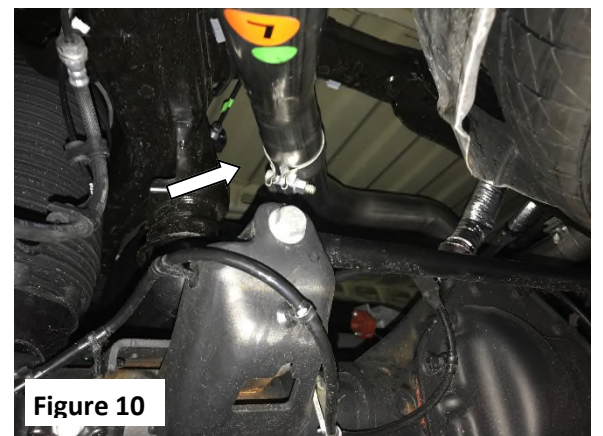
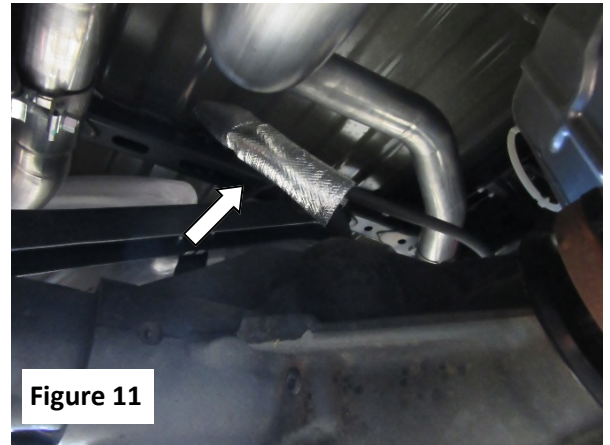


Figure 10

7. Install the provided heat shield over brake lines directly over vehicle's differential. Heat shield should be installed at the point with the lowest clearance relative to the Mopar Performance exhaust pipes. (Figure 10)
8. Either reinstall original tips, or new Mopar Performance tips sliding the tip pipe and clamp over the ball end of the tailpipes. Position tips in in the bumper cutout with adequate clearance (approximately $\frac{1}{2}$ "), and snug the clamps, DO NOT TIGHTEN. (Figure 12)
9. Check your exhaust system for proper clearance under the vehicle and also for tip alignment, then start tightening clamps forward to 35 ft. lbs, maintaining clearances and tip alignment as you go. Slip joints can be rotated or slid for better alignment. The front flange tightens to 37 ft-lbs.
10. Reattach the rear stabilizer end link, tightening to 41 ft-lbs. (Figure 4)
11. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
12. Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose or incorrectly positioned clamp) and repair as necessary.



NOTE: When you first start your vehicle after the installation of your new MOPAR Performance Exhaust System, there may be some smoke and fumes coming from the system. This is a protective water 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.