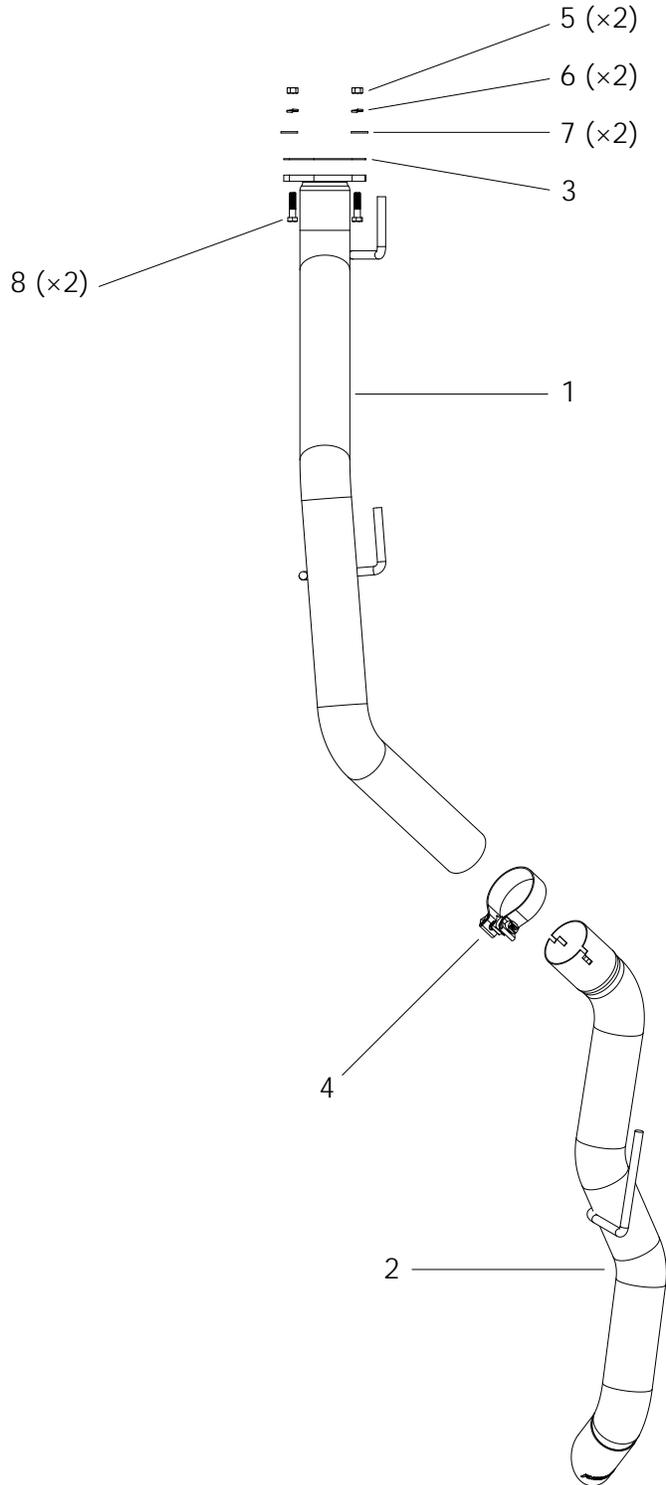




Installation Instructions
818131
2021-23 JEEP GLADIATOR
3.0L DIESEL

See "Applications" tab on the product web page for specific applications.

ITEM	PART NO.	DESCRIPTION	QTY.
1	26903S	OVER-AXLE PIPE	1
2	26904S	TAILPIPE	1
3	GA158	GASKET	1
4	MC300BS	CLAMP, STAINLESS, 3"	1
5	HW103	NUT, 3/8-16	2
6	HW309	LOCK WASHER, 3/8"	2
7	HW303	FLAT WASHER, 3/8"	2
8	HW210	BOLT, 3/8-16 x 1-1/2"	2



NOTES

- Installation requires moderate mechanical skill. If this job is beyond your abilities, seek the services of a qualified technician.
- If you do not understand any part of these instructions, please call Flowmaster Technical Support at (866) 464-6553 for assistance.
- Apply penetrating oil generously to clamps, fasteners, pipes, and hanger rods for ease of disassembly.

REVIEW THE INSTRUCTIONS & VERIFY THE KIT CONTENTS

Take a moment to read and understand these instructions before installing your Flowmaster American Thunder exhaust kit.

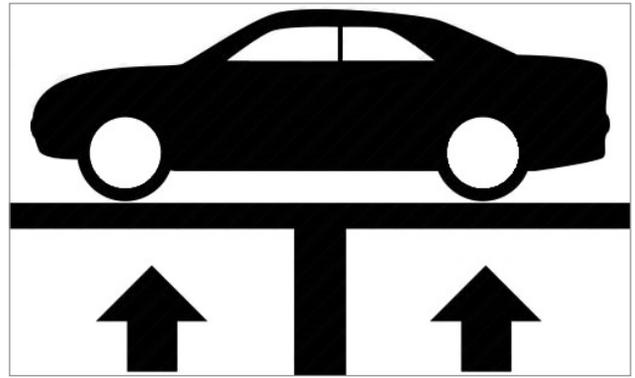


Use the parts drawing and list to verify your kit's contents. In the unlikely event that any parts are missing, please contact Flowmaster Technical Support for replacements.

REMOVE THE FACTORY EXHAUST SYSTEM

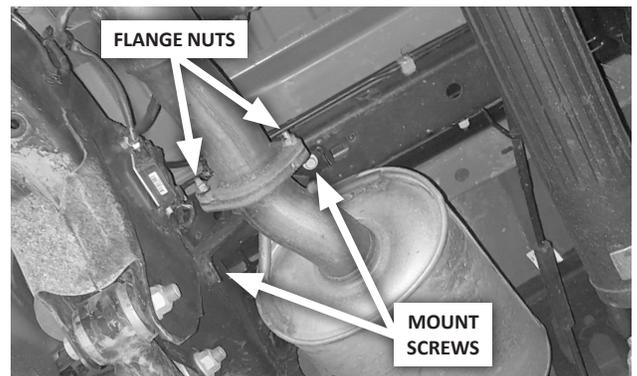
WARNINGS

- **AVOID BURNS!** Exhaust systems get extremely hot. Allow the vehicle to cool down fully before starting work.
- **AVOID SERIOUS INJURY OR DEATH BY CRUSHING!** Never work under a vehicle that is supported by jacks.
- **EXHAUST SYSTEM COMPONENTS ARE HEAVY!** Use jack stands to support them, both when removing the stock system, and when installing your new kit.

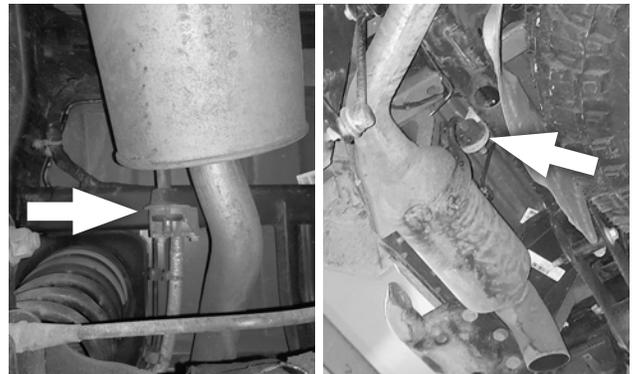


1. **Raise the vehicle** to working height on a lift. If you do not have a lift, securely support the vehicle on jack stands.

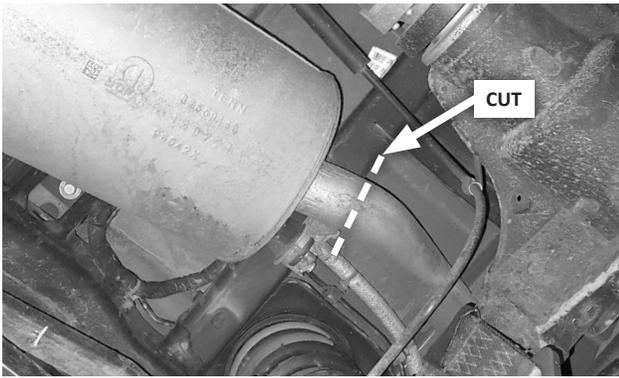
NOTE: If a lift is used, and the right end of the track bar is unbolted and swung away, the entire stock exhaust system can be removed intact by two persons. But **cutting the tailpipe off (described below)** makes removal easier, especially if the job is performed on jack stands.



2. **Remove the 2 nuts** from the inlet pipe flange. Then remove the 2 screws from the front isolator mount.



3. **Remove the 2 screws** from both the rear muffler mount, and the tailpipe mount.



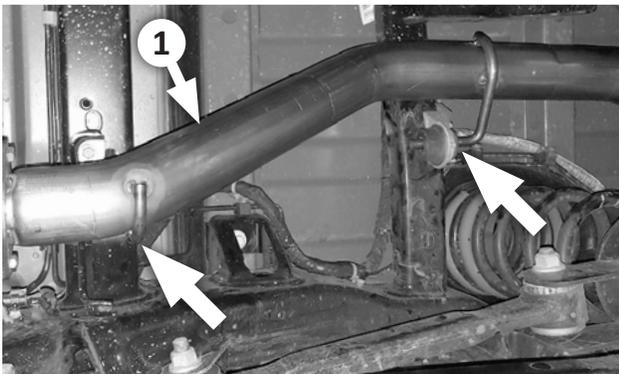
4. Cut through the tailpipe behind the muffler. Then remove the tailpipe and the muffler from the vehicle.



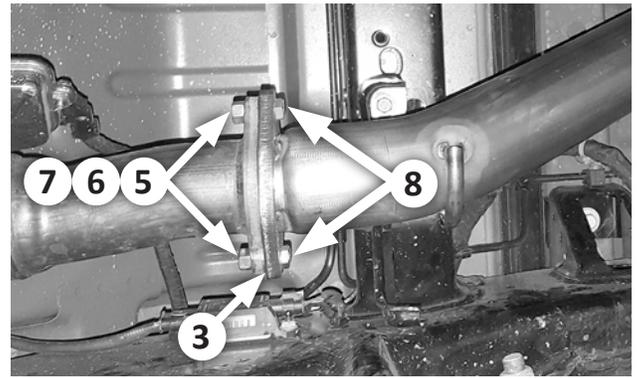
5. Remove the old gasket, and clean the flange of any remaining gasket material.

INSTALL YOUR FLOWMASTER EXHAUST SYSTEM

NOTE: The slip-fit connection between the pipes must seat 3" deep. Mark the end of the over-axle pipe now, to ensure proper insertion during assembly.



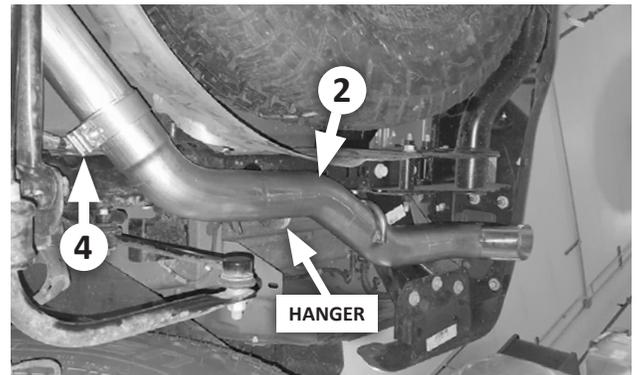
6. Remove the isolators from the muffler and reinstall them on the vehicle frame. Then move the over-axle pipe (1) into place and insert its hanger rods in the isolators.



7. Insert gasket (3) between the over-axle pipe and DPF flange, and fasten the pipe to the flange using the bolts (8), flat washers (7), lock washers (6), and nuts (5). Just snug the fasteners for now, to allow final adjustment later.



8. Prepare the clamp (4) by applying anti-seize compound to the bolt threads.



9. Slip the clamp onto the tailpipe (2). Move the tailpipe into place, slide its hanger rod into the isolator, and slip the end of the pipe onto the over-axle pipe. Verify 3" of insertion, and snug the clamp slightly.

- 10. Adjust all components to give 1/2" to 3/4" clearance** (about a finger's width) around them, and allowing for suspension travel and vibration. When you are satisfied with the system's clearance and fit, tighten all hardware and clamps, working from front to back.

RECOMMENDED: Tack weld each slip-fit connection (approx. 1" weld) for added security, then paint each weld with high-temp spray paint to protect against corrosion.



Congratulations, the installation of your Flowmaster American Thunder exhaust system is complete!

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Flowmaster maintains a highly-trained technical service department to answer your technical questions, provide additional product information and offer various recommendations.



FLOWMASTER TECHNICAL SUPPORT: (866) 464-6553