



Installation Instructions

718183

**2024-2026 Ford Ranger
With 2.3L EcoBoost Engine
2- or 4-Wheel Drive
128.7" wheelbase**

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 exhaust kit. Some trimming may be required.

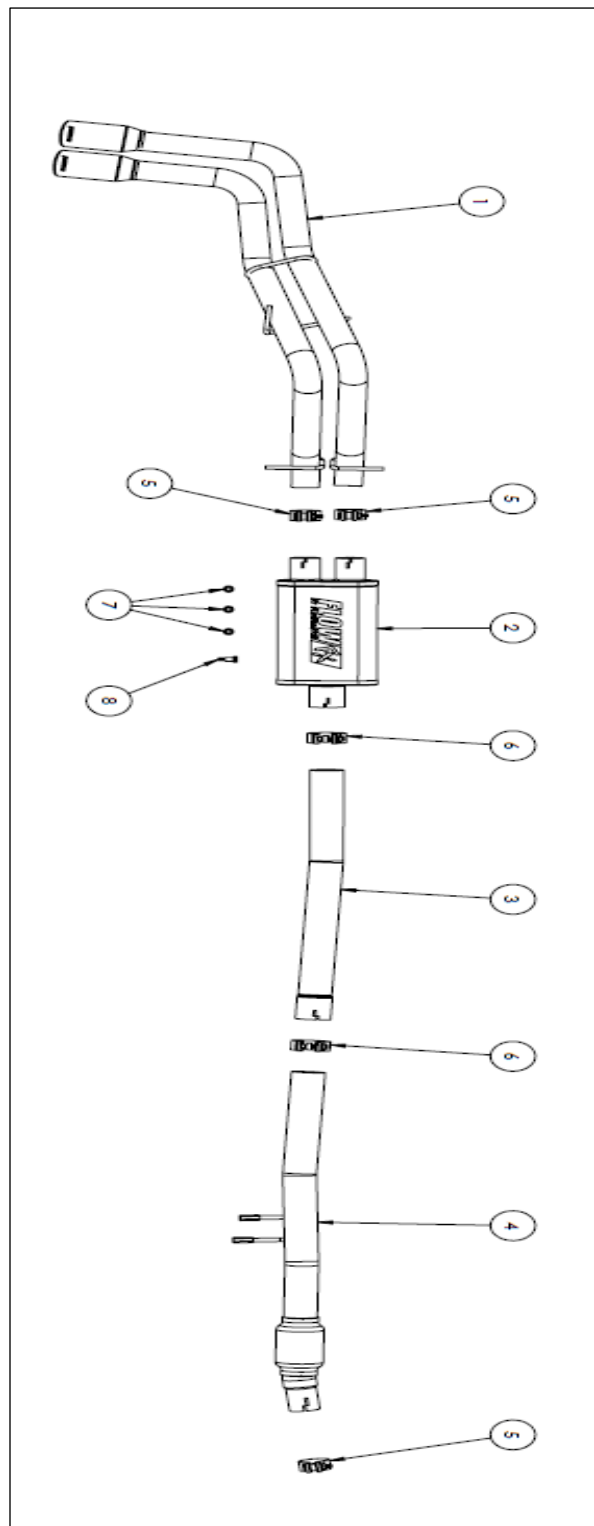
***This kit fits 2024 and 2025 through 2026 model year vehicles.**

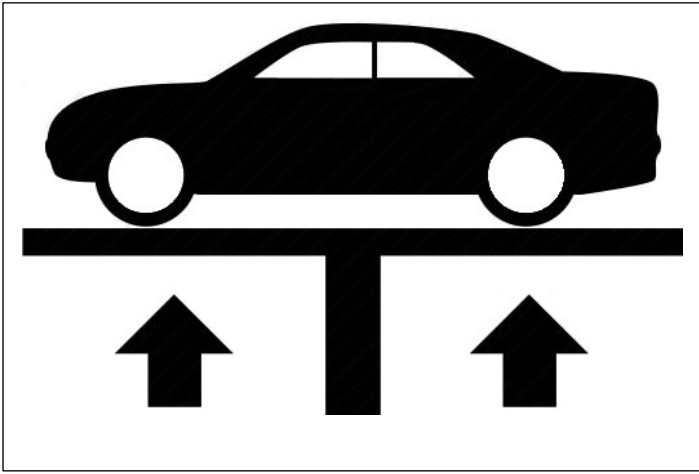
Starting in Model Year 2025 Ford made a change to the Catalytic Converter and Mid Pipe from the Catalytic Converter to Muffler assembly. This change requires a different Inlet pipe that uses a new isolator rod position and 3" shorter overall pipe length for 2025 and 2026 Model year vehicles.

Flowmaster has chosen to use a single Muffler Inlet pipe (27030M) (4) that accommodates both configurations. Please see Installation instructions section for details on how to install the inlet pipe in the correct configuration for your vehicle.

ITM#	Part #	Description	Qty.
1	86816M	Tail Pipe Assembly	1
2	72198-Z	Muffler	1
3	27062M	Inlet Pipe B	1
4	27030M	Inlet Pipe A	1
5	MC250BS	2.5" Band Clamp	3
6	MC300BS	3.0" Band Clamp	2
7	HW502	7/16 Push Nut	3
8	HW274	Shoulder Bolt	1

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.





Vehicle Compatibility

Model Year: 2024-2026

Make: Ford Ranger

Engine: 2.3L EcoBoost

128.7" wheelbase

BEFORE STARTING:

Your vehicle must be raised to a minimum of 18 inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure. **Please read and understand these instructions and disclaimer their entirety before attempting installation.**

CAUTION! WORK ONLY ON A SOLID, LEVEL SURFACE. USE JACKS /JACK STANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.

Removing the OEM Exhaust.

1. Loosen the 15mm nut at the clamp on the Muffler inlet pipe. **Fig. 1**
2. Spray the slip joint and rubber isolators on the muffler assembly liberally with penetrating oil.
3. Remove the 10mm bolt at the tail pipe hanger- isolator assembly on the right rear frame rail. **Fig.1**
4. **Support the muffler tail pipe assembly.**
5. Remove the (x2) rubber isolators from the muffler hanger rods at the rear of the muffler.
6. Work the muffler and tail pipe free from the mid pipe and remove the muffler and tail pipe from the vehicle.

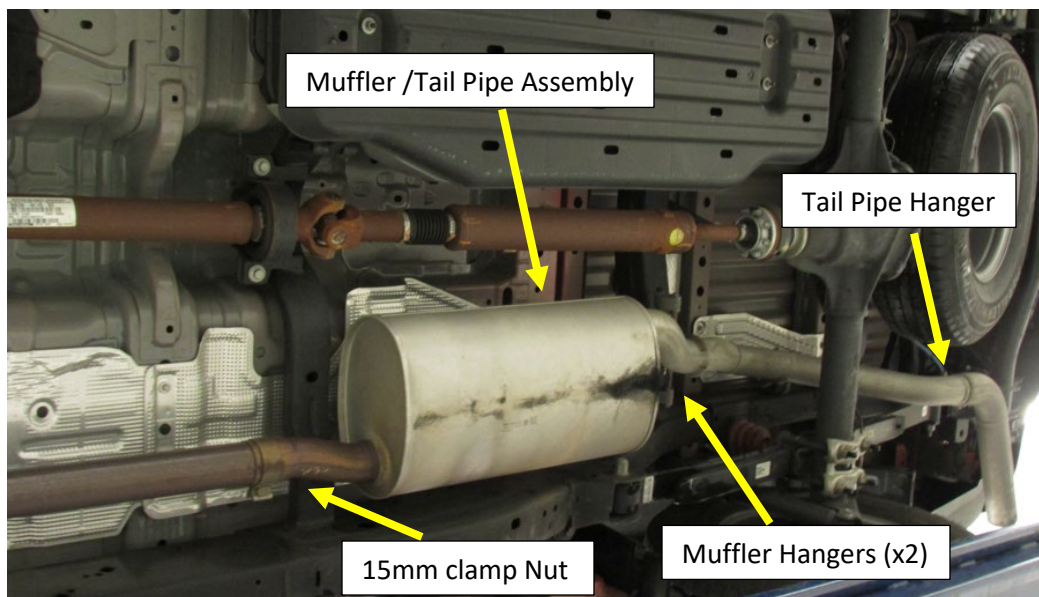


Figure.1

Removing the OEM Exhaust. Cont'd

7. Loosen the 15mm nut on the clamp between the catalytic converter and OEM mid pipe flex. **Fig. 2**
8. Spray the slip joint liberally with penetrating oil.
9. Remove the (x2) 10mm bolts at the mid pipe hanger isolator assembly on the right frame rail. **Fig.2**
10. Remove the mid pipe from the vehicle.
11. Spray the isolator with Spray Lube, remove the isolator assembly from the mid pipe. Save for reuse later.

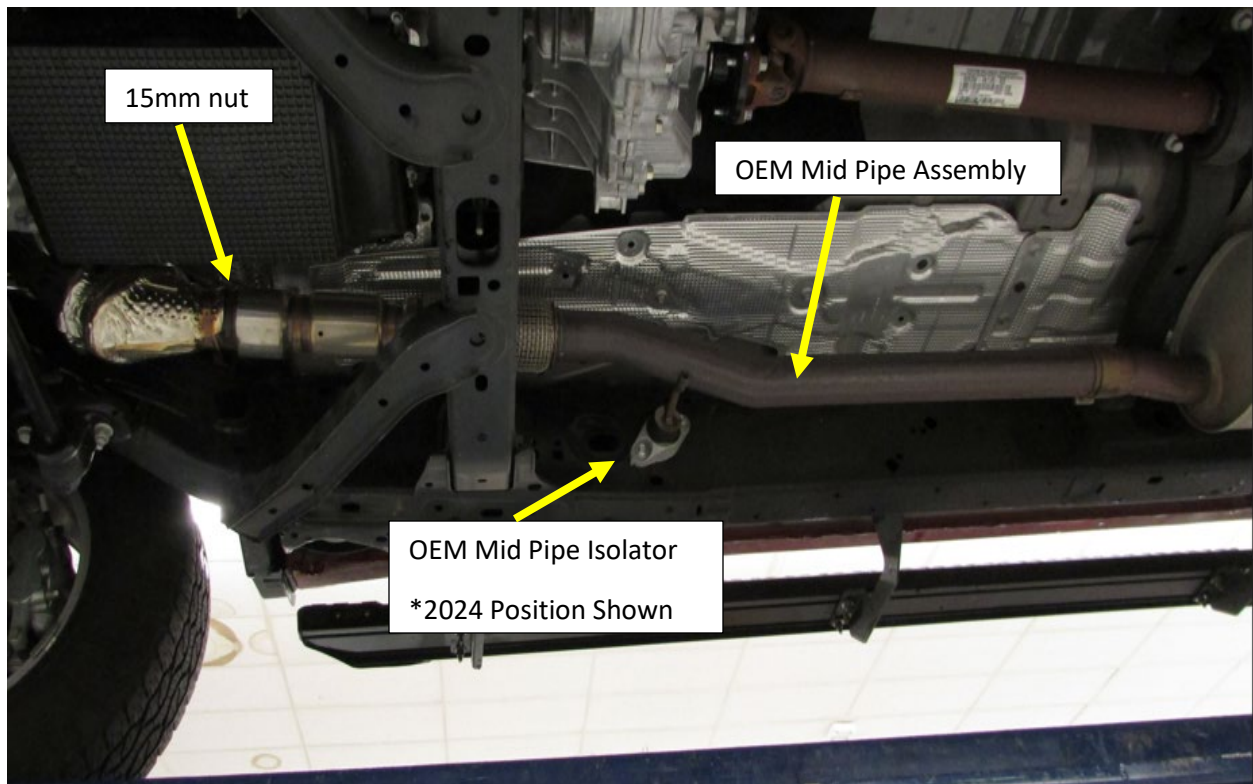
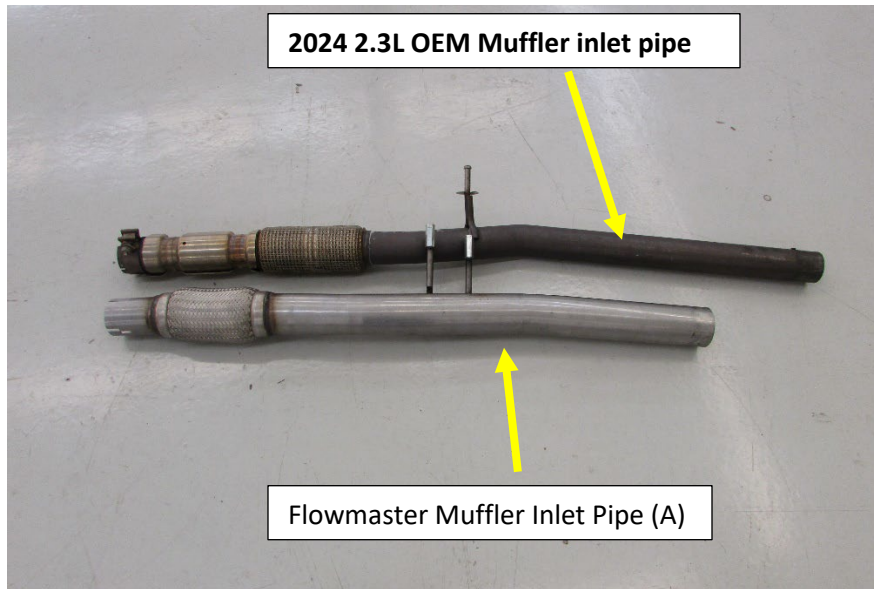


Figure.2

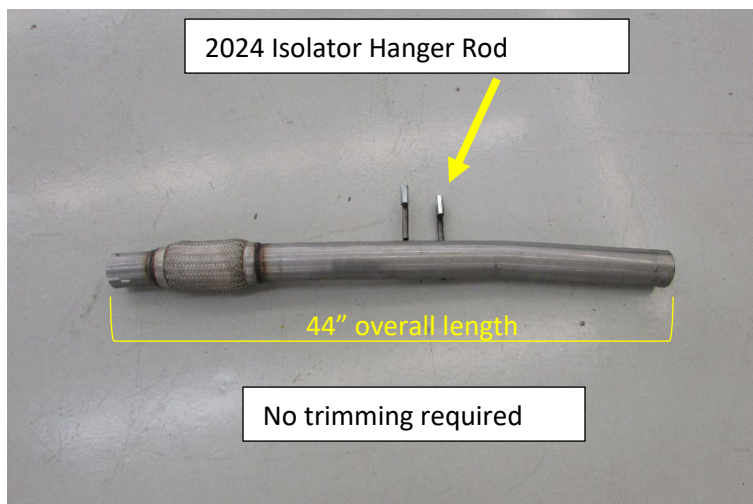
Installing your Flowmaster Exhaust

What Inlet pipe configuration do you have?

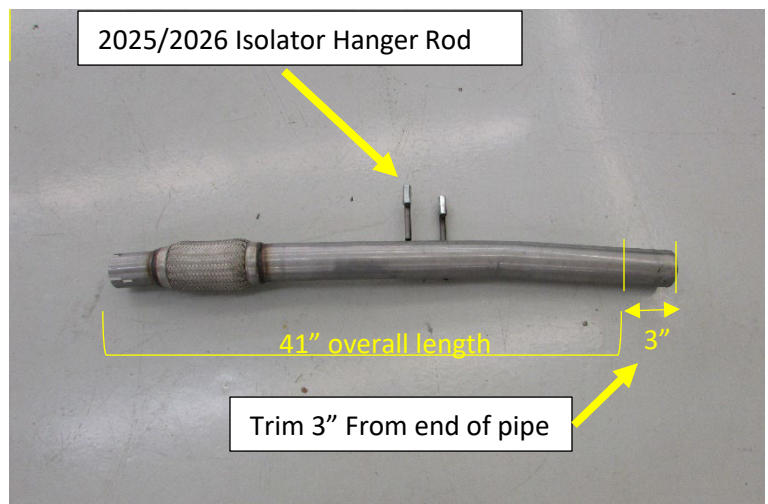
**Lay the Flowmaster Inlet Pipe (A) PN:27030M (4) next to your OEM Mid pipe to see what configuration you have.



2024 2.3L Flowmaster inlet pipe configuration



2025/2026 2.3L Flowmaster inlet pipe configuration



Note: Trimming the unused hanger rod from the Inlet pipe should only be performed after the correct configuration has been verified.

Installing your Flowmaster Exhaust

1. Install the OEM mid pipe hanger assembly (A) Fig.4 on to the long hex nut of the inlet pipe-A (4) Fig.3
2. Install the $\frac{1}{2} \times \frac{3}{4}$ " shoulder bolt (8) into the hex nut from the back of the isolator and tighten. Fig.4
3. Install the 2.5" band clamp (5) on to the notched end of the inlet pipe-A at the flex . Fig.5

Note: The clamp is positioned behind the square notch and covers the small Z notches in the pipe. Fig.5

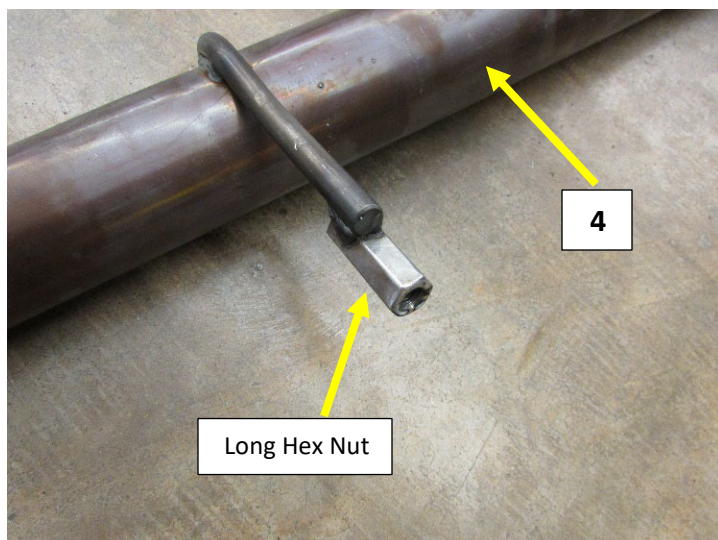


Figure.3

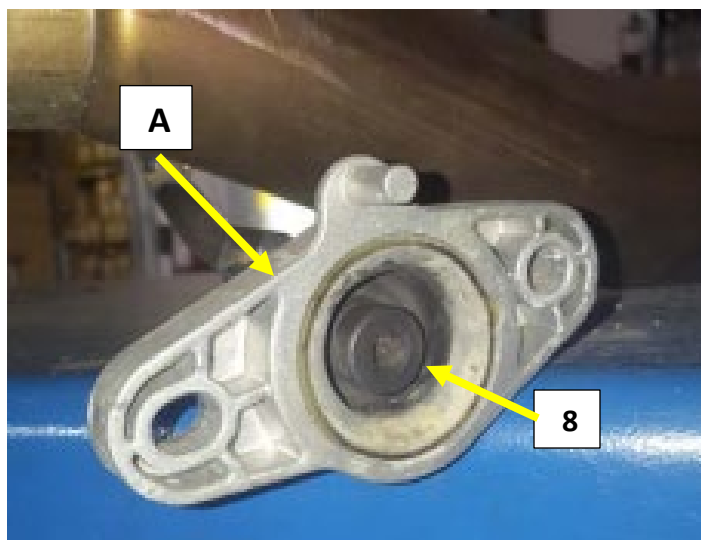


Figure.4

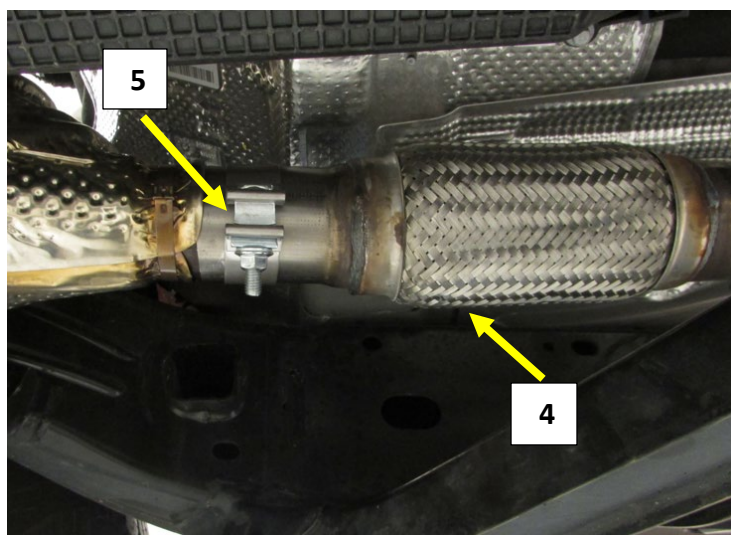


Figure.5

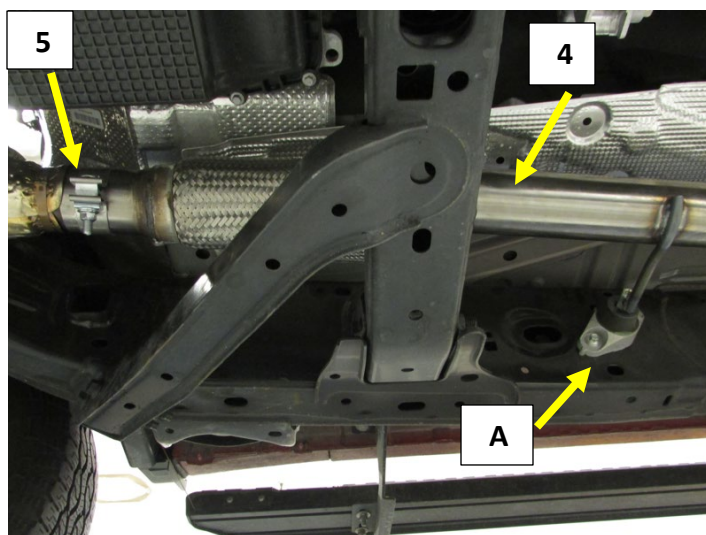


Figure.6

4. Install the Inlet pipe-A (4) on to the outlet of the catalytic converter, align the square notch with the Alignment pin. Fig.5
5. Align the hanger assembly (A) onto the frame rail and install the (x2) 10mm bolts. Fig.6 **Support the inlet pipe!**
6. Tighten the 2.5" band clamp (5)

Installing your Flowmaster Exhaust

7. Install a 3" band clamp (6) on to the expanded and notched end of the muffler inlet pipe B (3). **Fig.7**
8. Install the muffler inlet pipe B onto the inlet pipe A (4). Rotate the Inlet Pipe B with the dog leg of the pipe towards the floor of the truck. Tighten the clamp to allow for adjustment. **Fig.7**

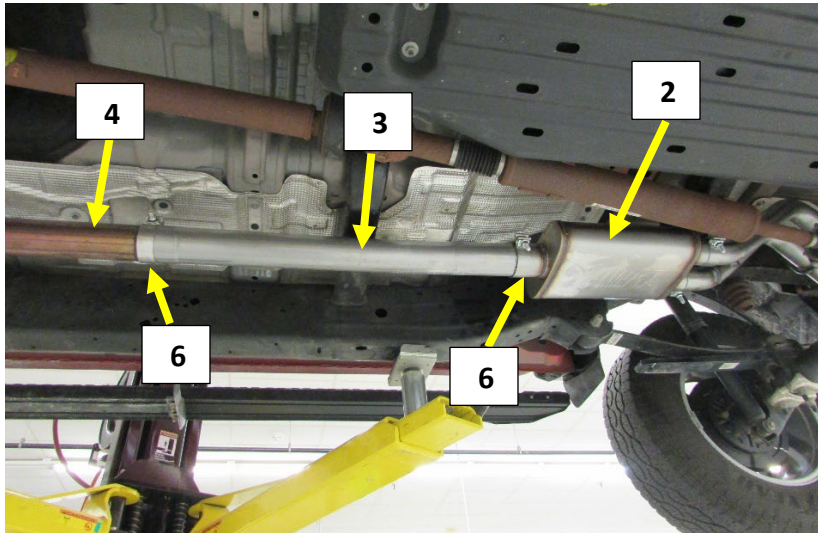


Figure.7

9. Install a 3" band Clamp (6) on to the inlet end of the Muffler (2). Install the muffler on to the Inlet Pipe B (3) approximately 2.5". Tighten the clamp with the muffler level to the ground. **Fig.7**

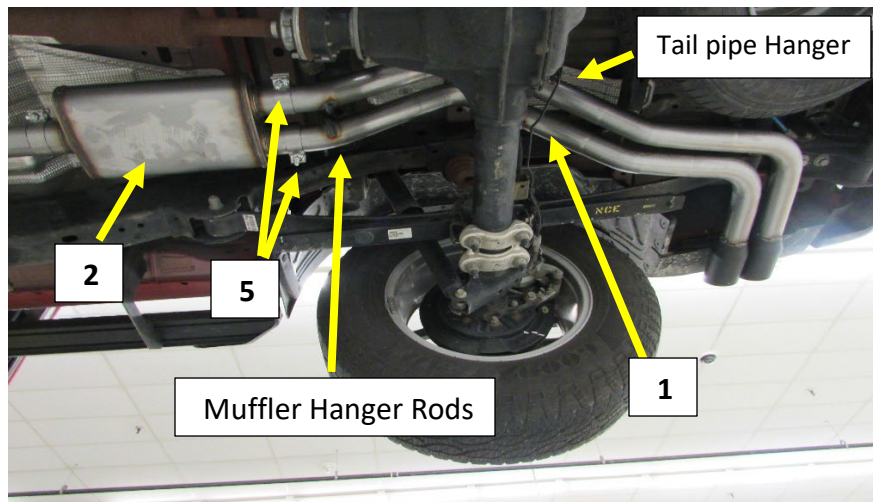


Figure.8

10. Install a 2.5" band clamp (5) onto each muffler outlet pipe. **Fig.8**
11. Install the tail pipe (1) over the axel and install the tail pipe into the Muffler outlets. **Fig.8**
12. Install the two hanger rods on the tail pipe into the muffler hanger isolators. **Fig.8**
- 13.

Installing your Flowmaster Exhaust

14. Install the tail pipe hanger assembly on to the hanger rod at the rear of the tail pipe. Align the hanger assembly to the frame rail, install the 10m bolt and tighten.

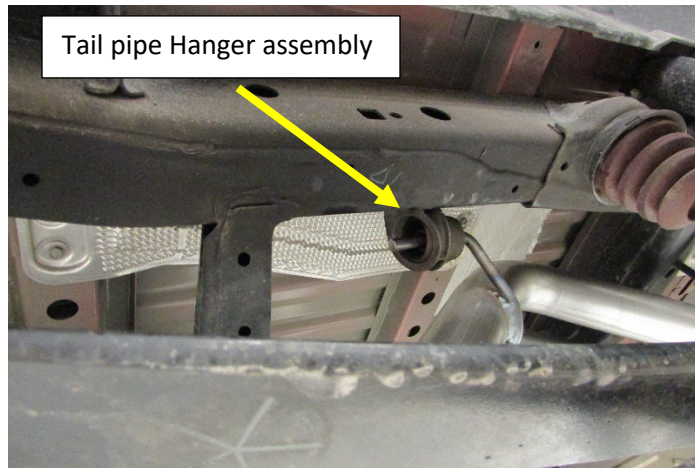


Figure.9

15. Start at the front of the system and work to the rear of the vehicle and adjust all components for best alignment and tighten the band clamps and hardware.
16. Install the provided push nuts **(7)** on to the hanger rods after final adjustment.
17. Loosen the spare tire and push it towards the driver's side of the carrier if additional clearance is required at the tail pipe.



Enjoy your Flowmaster Exhaust!