



Installation Instructions

718217

2021- 2026

5.3L Tahoe / Suburban /Yukon/Yukon XL
2- Wheel Drive- or 4-Wheel Drive
With Factory Single Exit Exhaust

Installation requires moderate mechanical skill. If this job is beyond your abilities, seek the services of a qualified technician.

Trimming of tubes is required for installation on some vehicles.

If you do not understand any part of these instructions, please call Flowmaster Technical Support at (866) 464-6553 for assistance.

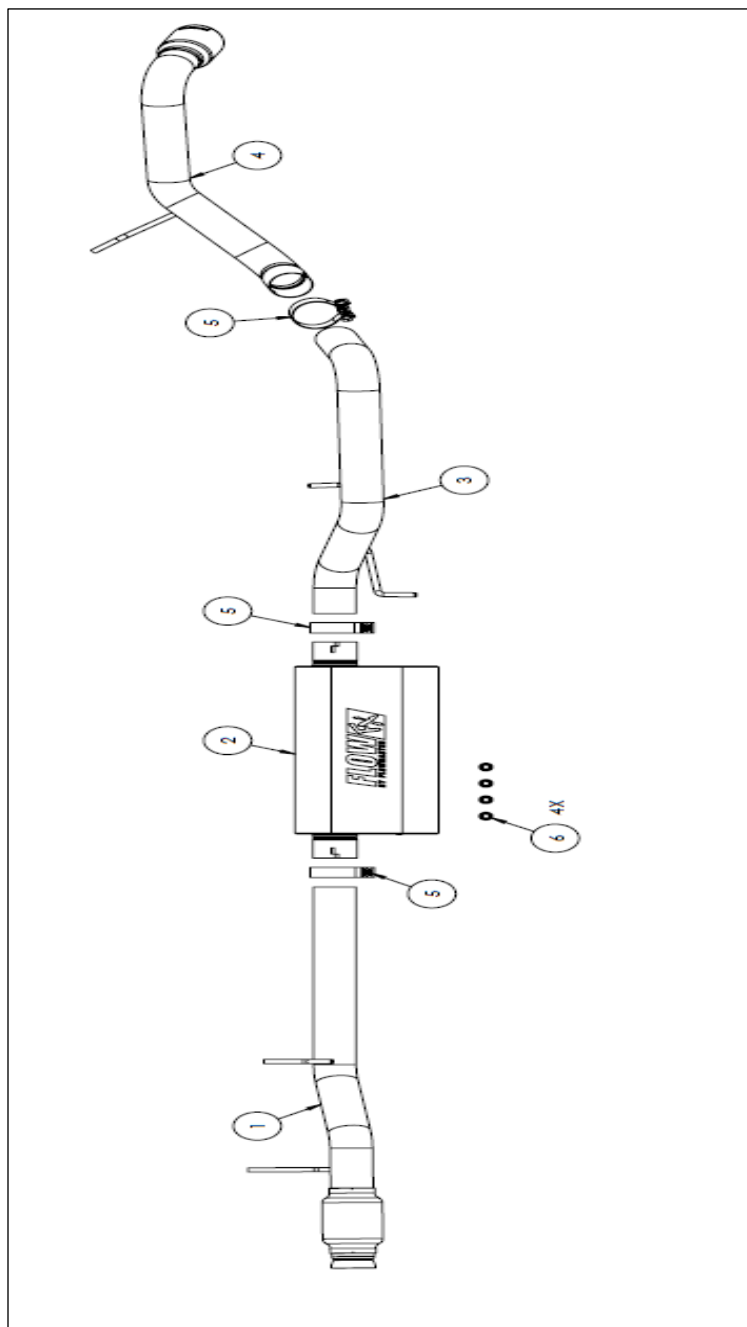
Apply penetrating oil generously to clamps, fasteners, pipes, and hanger rods for ease of disassembly.

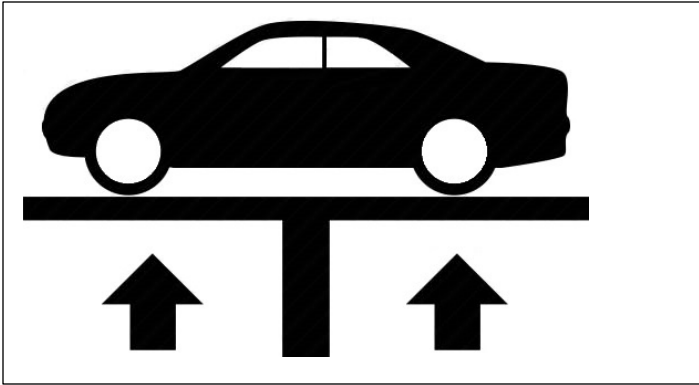
REVIEW THE INSTRUCTIONS & VERIFY THE KIT CONTENTS

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

ITM#	Part #	Description	Qty.
1	27041M	Muffler Inlet Pipe	1
2	74001-Z	Resonator/Muffler	1
3	27042M	Over Axle Pipe	1
4	27043M	Tail Pipe W/ Tip	1
5	MC300BS	3.0" Band Clamp	3
6	HW503	½" Hanger Keeper	4

Use the parts drawing and list to identify components and 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: 2021-2026

Make: Chevy / GMC

Model: Tahoe /Suburban/ Yukon / Yukon XL

Engine: 5.3L only

- Fits ONLY vehicles original produced with single exit exhaust
- Will not fit vehicles with dual rear exit exhaust
- Will not fit vehicles with 6.2L engine

BEFORE STARTING:

Raise the vehicle to a minimum of eighteen 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 in their entirety before attempting installation.**

CAUTION! WORK ONLY ON A 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:

NOTE: Cutting the OEM exhaust is Not necessary but will make removing the OEM muffler assembly much less difficult Fig.2. Please read and follow all instructions before attempting to install this exhaust system.

1. Remove the rear tail pipe isolator from the tail pipe and save for reuse. **Fig.1**
2. Remove the (2x) 13mm nuts at the tail pipe mounting flange just over the rear axle. Remove the tail pipe assembly from the vehicle. **Fig. 1**

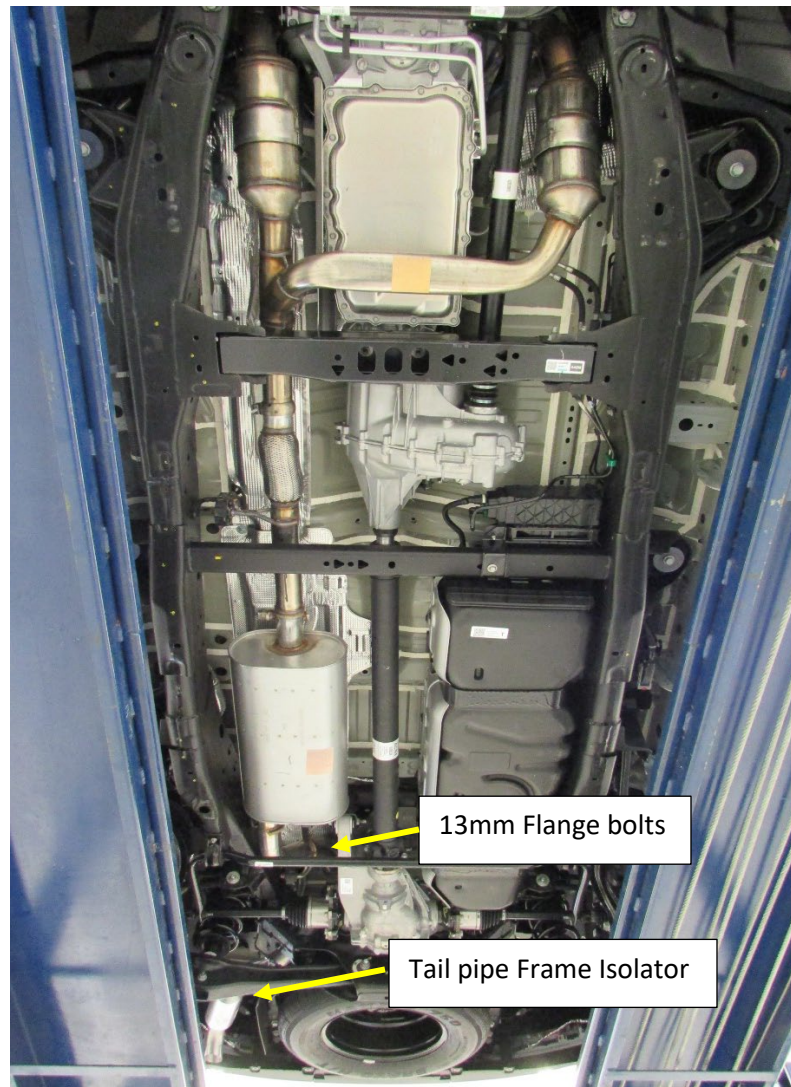


Figure.1

Removing the OEM Exhaust: Continued

3. Remove the 2x bolts at each Sway bar mount on the frame rail. Allow the sway bar to swing down, this will provide added room to remove the OEM muffler from the vehicle. **Fig.2**
4. Support the muffler
5. Cut the outlet pipe just after the muffler to simplify removal (**skip to Step. 6 if not cutting**). Remove the hanger rod isolators and remove the over axle pipe. **Fig.2**
6. Loosen the 13mm bolt on the Band clamp just before the flex section of the OEM muffler inlet pipe. remove the isolator(s) on the frame rail and remove the OEM muffler assembly. **Fig.2**

Note: After the muffler assembly is free. Push the assembly forward past the ball flange of the OEM Y-pipe allowing the Muffler outlet pipe and flange to drop down below the axle. Pull the assembly rearward and rotate slightly to allow the Flex pipe to clear the front crossmember and remove the muffler assembly from the vehicle.

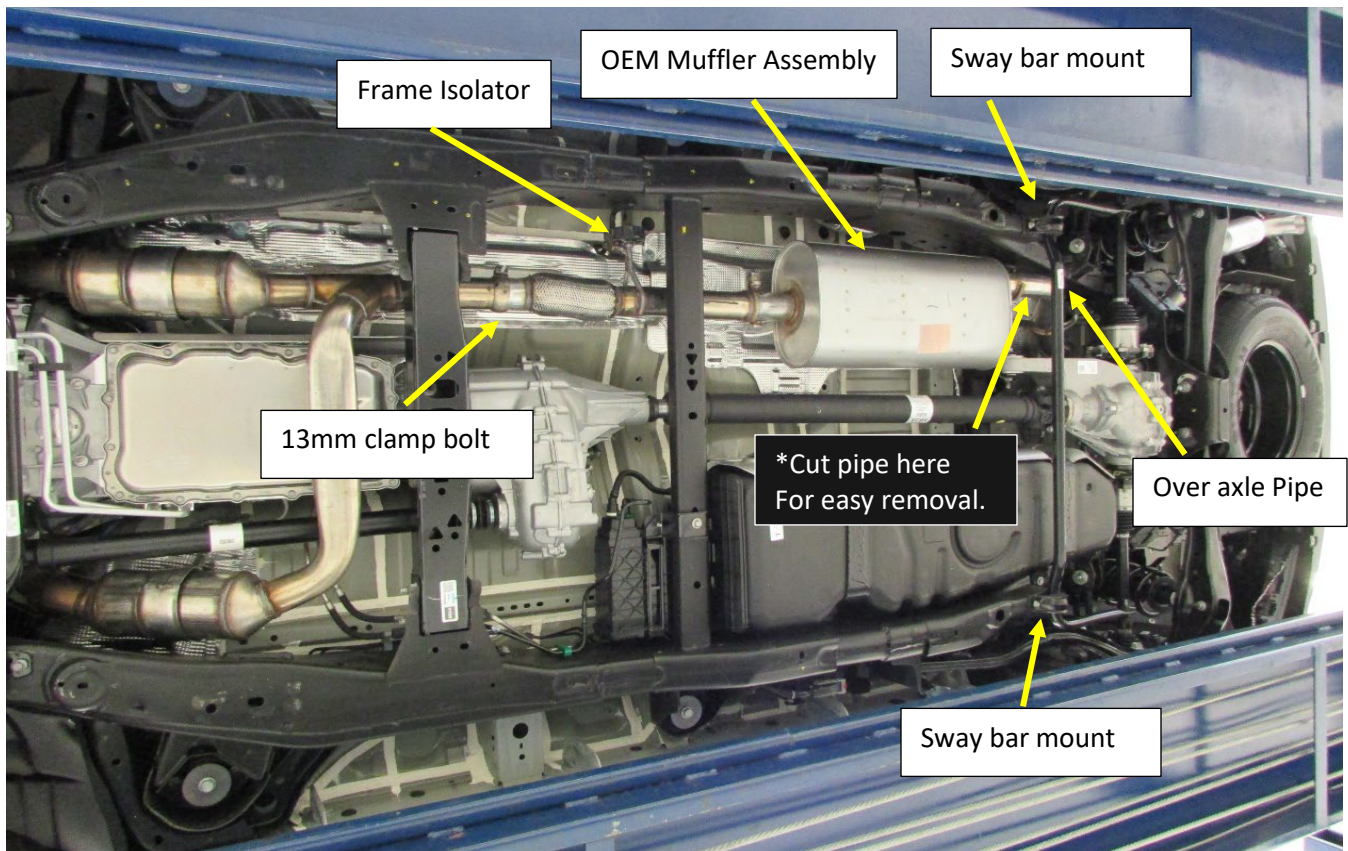


Figure.2

Installation of the 718217 Exhaust

Note: This exhaust kit is designed to fit multiple wheelbase vehicle platforms and will need the Muffler Inlet Pipe trimmed to fit short wheelbase vehicles. Fig.3

Vehicle Identification and Trim Requirements

- Suburban/ Yukon XL 134.1" (Long Wheelbase) – “**NO TRIMMING REQUIRED**”
- **Tahoe and Yukon 120.9" (Short Wheelbase)**
 - Muffler Inlet Pipe **(1)** – Trim 13.25" from end of 3" pipe.

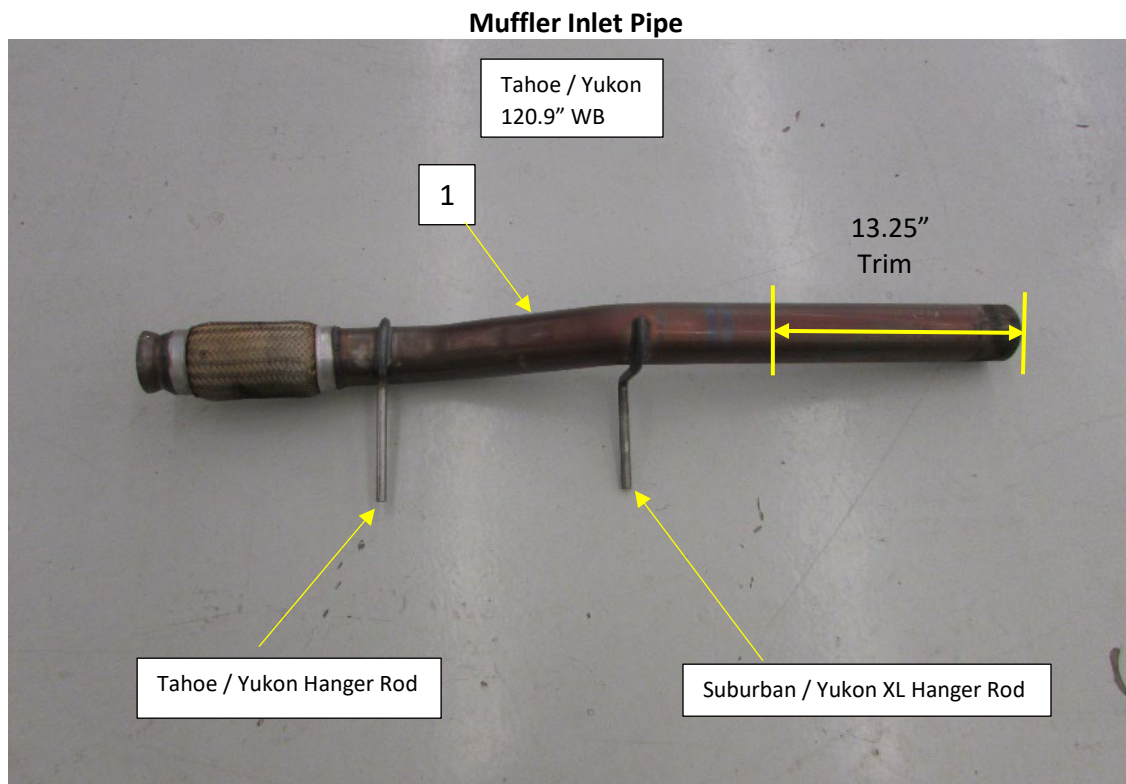


Figure.3

Note: The unused hanger rod can be left in place or trimmed off for a cleaner installation if desired

Installation of the 718217 Exhaust

1. Bend the small locking tang of the OEM band clamp to unlock it from the OEM Muffler inlet pipe. Remove the band clamp from the OEM Muffler Inlet pipe. **Fig.4**
2. Install the band clamp on to the flared inlet of the Flowmaster Muffler Inlet Pipe **(1)** with the tang at the bottom of the pipe, this will make easy access to the bolt. **Fig.5**
3. Install the Muffler Inlet Pipe **(1)** over the cross member and on to the ball connection of the OEM down Pipe from the Catalytic Converter. **Fig.5**
4. Install the hanger rod into the isolator on the frame rail
5. Tighten the band clamp while pushing the inlet pipe tight against the ball flare. Align the clamp and inlet pipe as straight as possible, keeping the Hanger rod level to the ground.
6. Install the Supplied 3" band clamp **(5)** on to the muffler inlet **(2)**. **Fig.5**
7. Install the muffler **(2)** on to the Muffler inlet pipe **(1)** approximately 2.5" **(1)**. **Support the muffler**. Tighten the clamp to allow for adjustment. **Fig.5**

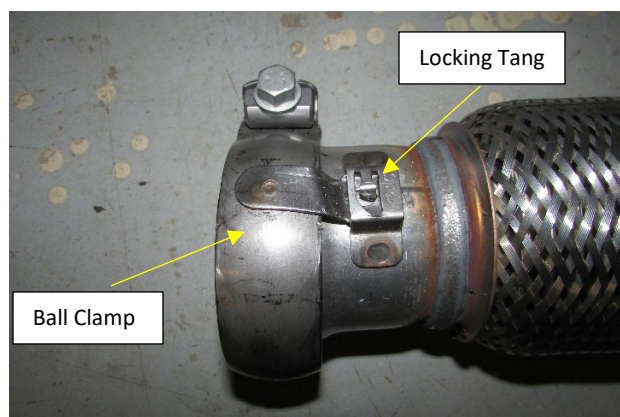


Figure. 4

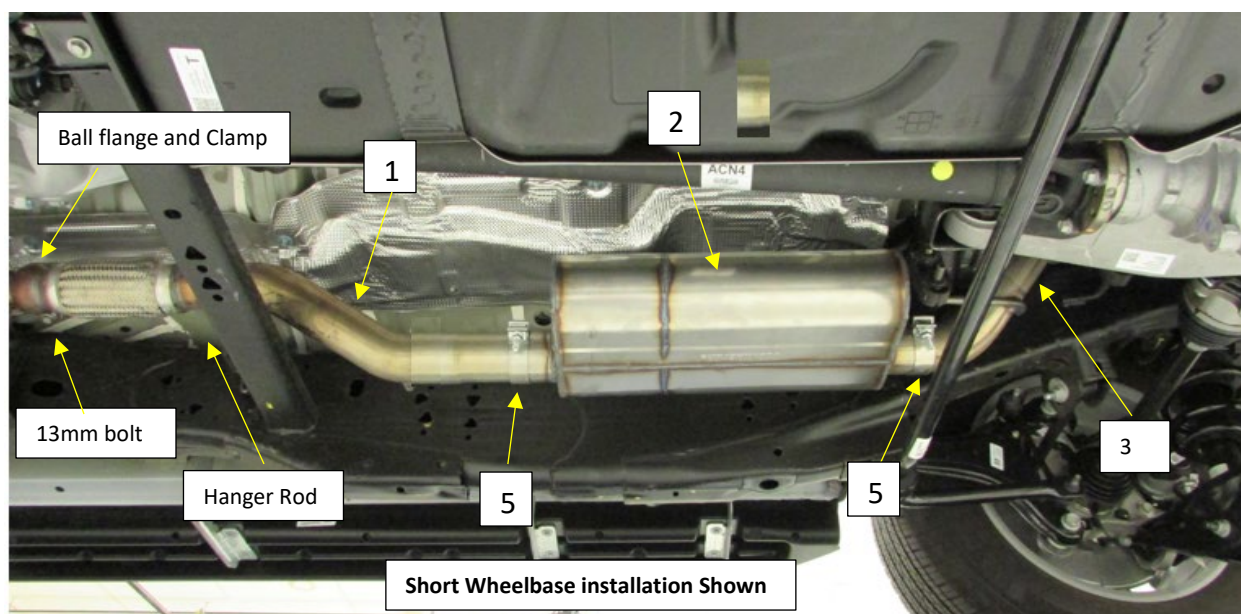


Figure. 5

Installation of the 718217 Exhaust

Spray all rubber hanger rod isolators with Lubricant prior to installation.

8. Install the supplied 3" band Clamp (5) on to the muffler outlet. **Fig.5/6**
9. Install the over axle pipe (3) from the muffler side, over the axle and across to the Right-side frame rail. **Fig.5/6**
10. Install the Over axle pipe into the muffler and hanger rods into the isolators. Tighten the clamp to allow for adjustment. **Fig.6**
11. Install a 3" band clamp (5) on to the expanded and notched end of the tail pipe (4) with the bolt towards the heatshield and nut facing out. **Fig.7**
12. Install the tail pipe (4) on to the over axle pipe (3), Install the hanger rod into the Isolator then tighten the clamp to allow for adjustment. **Fig.7**

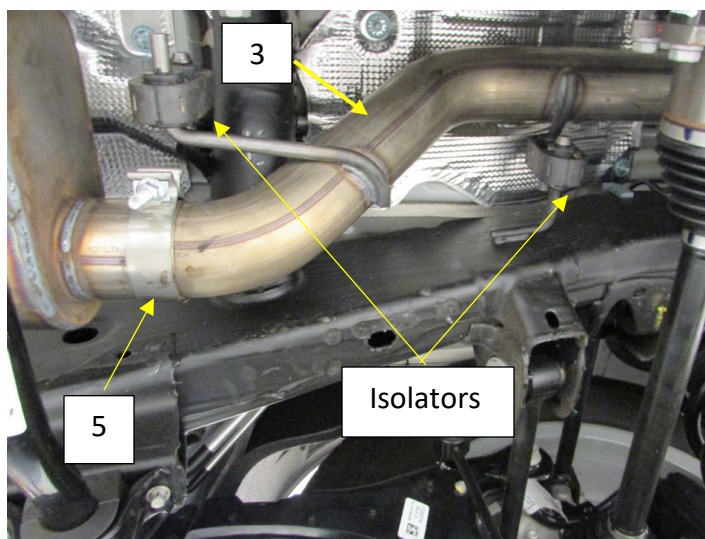


Figure.6

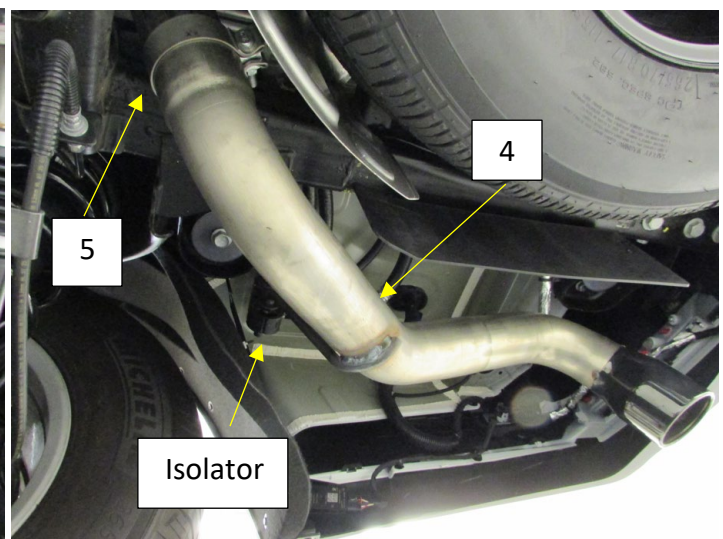


Figure.7

13. Starting at the front of the system and working towards the tail pipe. Align the system for best component clearance, tighten the clamps and hardware as you go. After final adjustment, install the push nuts (6) on to the hanger rods to hold the system in place.

Enjoy Your Flowmaster Exhaust!