



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.

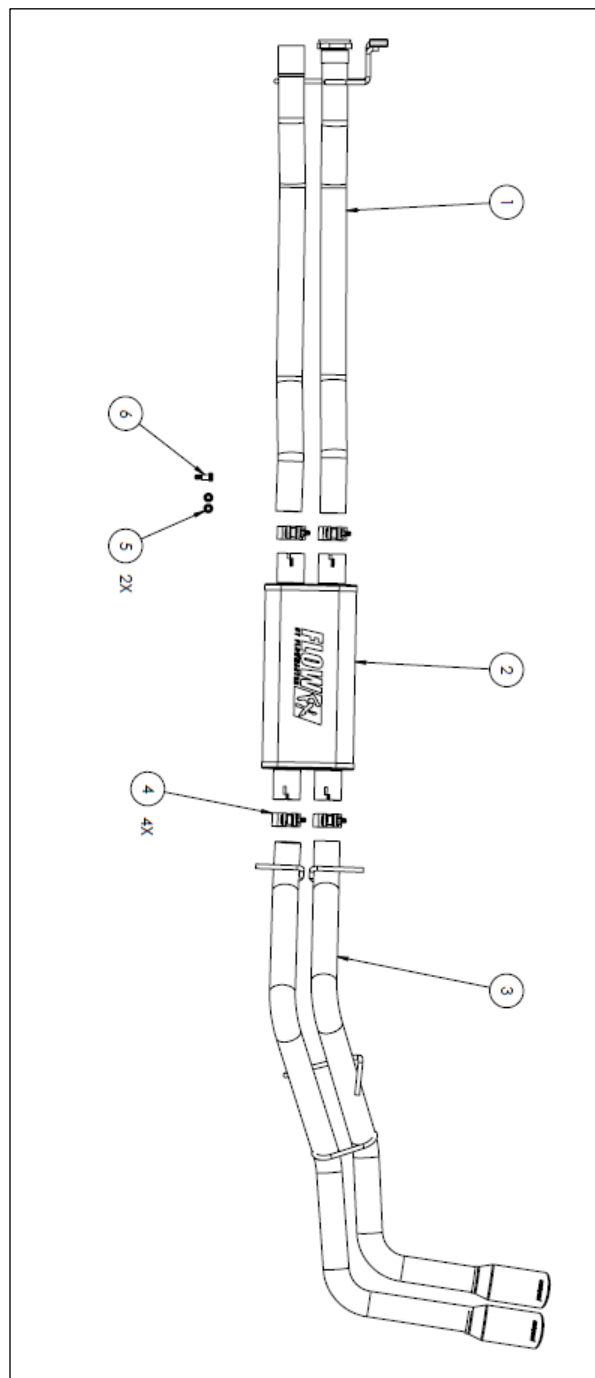
REVIEW THE INSTRUCTIONS & VERIFY THE KIT CONTENTS

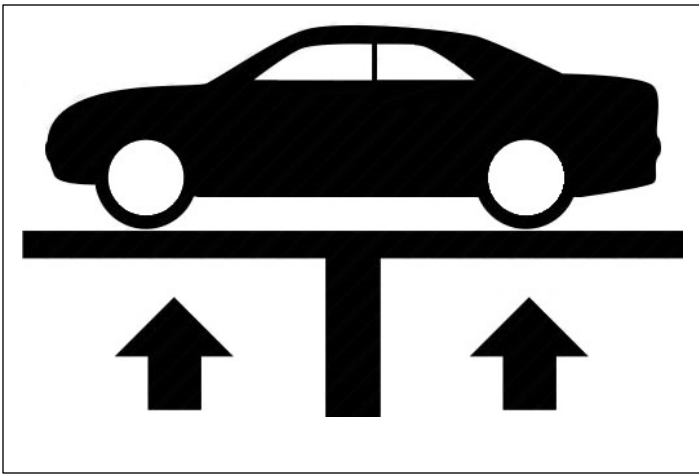
Take a moment to read and understand these instructions before installing your Flowmaster exhaust kit.

ITM#	Part #	Description	Qty.
1	86821M	Inlet pipe	1
2	72468-Z	FFX Muffler	1
3	86816M	Tail Pipe Assembly	1
4	MC250BS	2.5" Band Clamp	4
5	HW502	7/16" push nut	2
6	HW274	1/2" X 3/4" 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.

Installation Instructions 718187 2024-2026 Ford Ranger With 2.7L EcoBoost Engine 2- or 4-Wheel Drive 128.7" wheelbase





Vehicle Compatibility

Model Year: 2024-2026

Make: Ford Ranger

Engine: 2.7L EcoBoost

128.7" wheelbase

***Will Not Fit 2.3L ENGINE**

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 between the resonator and muffler. **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 hanger rods at the rear of the muffler.
6. Work the muffler and tail pipe free from the resonator and remove the muffler and tail pipe from the vehicle.

Note: Support the resonator assembly to avoid damaging the Flex sections

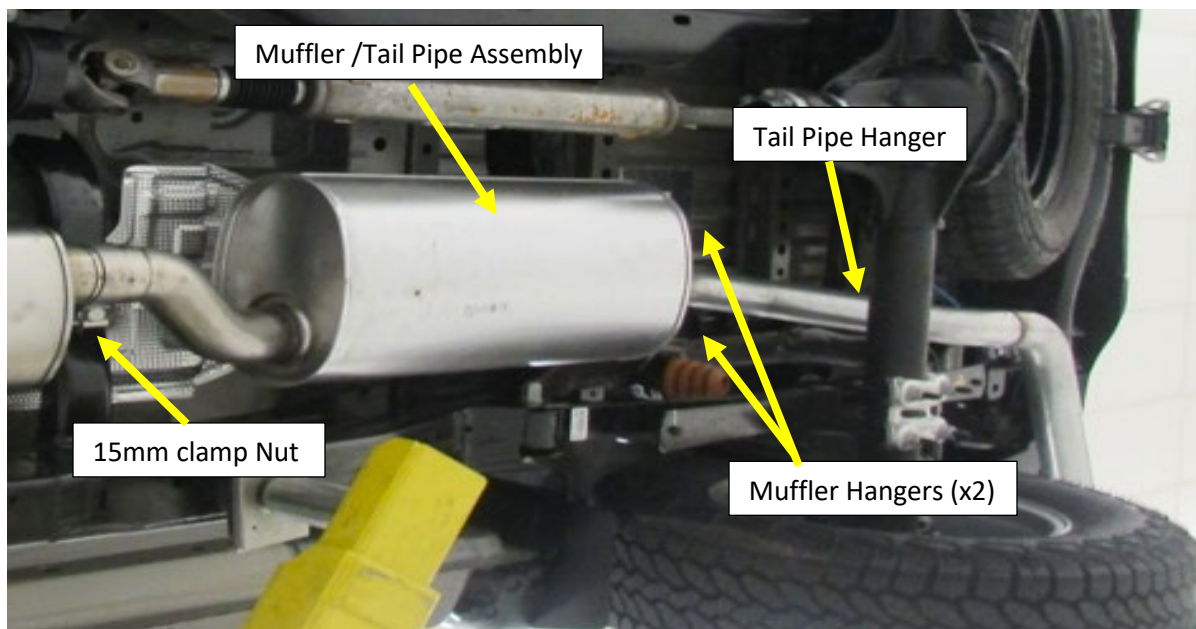


Figure.1

Removing the OEM Exhaust. Cont'd

7. Loosen the (x2)15mm nuts on the coupler at the resonator inlet connection between the resonator and flex section. **Fig. 2 Do Not Remove the coupler from the Flex section.**
8. Remove the (x2) 15mm bolts at the flanged connection between the resonator and the flex section. **Fig. 2**
9. Remove the (x2) 10mm bolts at the frame hanger assembly on the right frame rail. **Fig.2**
10. Remove the resonator assembly from the vehicle.
11. Spray the isolator with Spray Lube, remove the isolator assembly from the hanger rod on the resonator assembly. Save for reuse later.

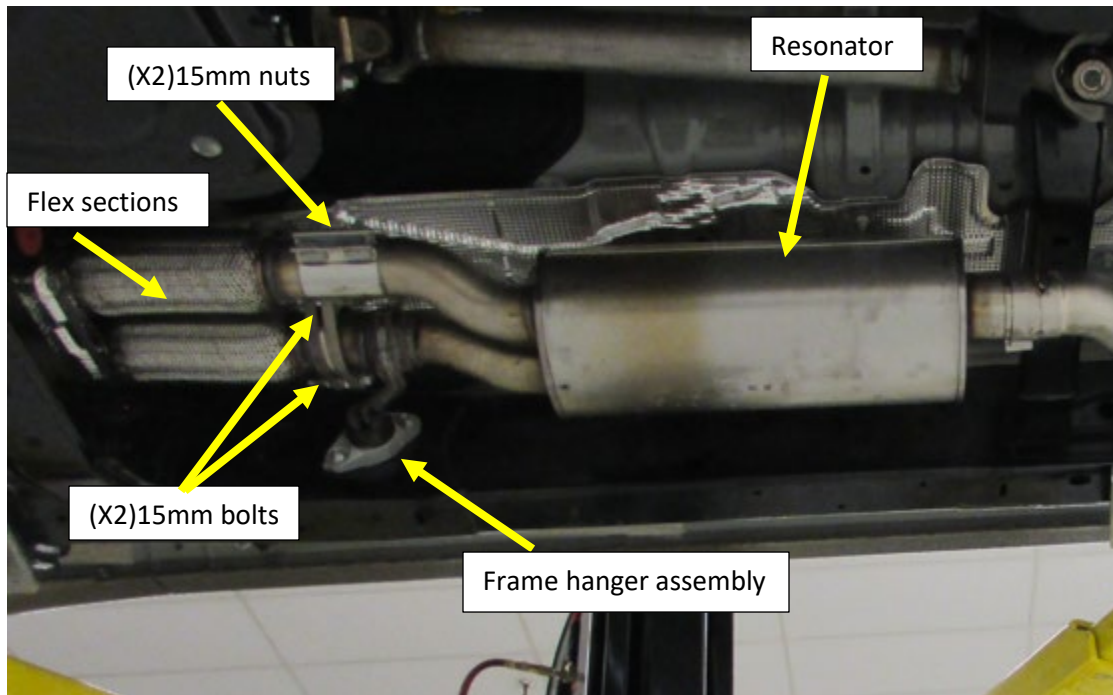


Figure.2

Installing your Flowmaster Exhaust

1. Install the Frame hanger isolator (**A**) **Fig.4** on to the long hex nut of the inlet pipe (**1**) **Fig.3**
2. Install the $\frac{1}{2} \times \frac{3}{4}$ " shoulder bolt (**6**) into the hex nut from the back of the isolator and tighten. **Fig.4**

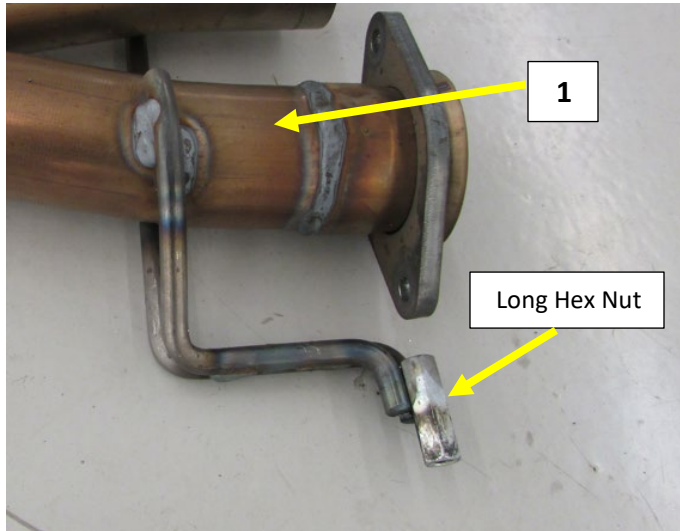


Figure.3

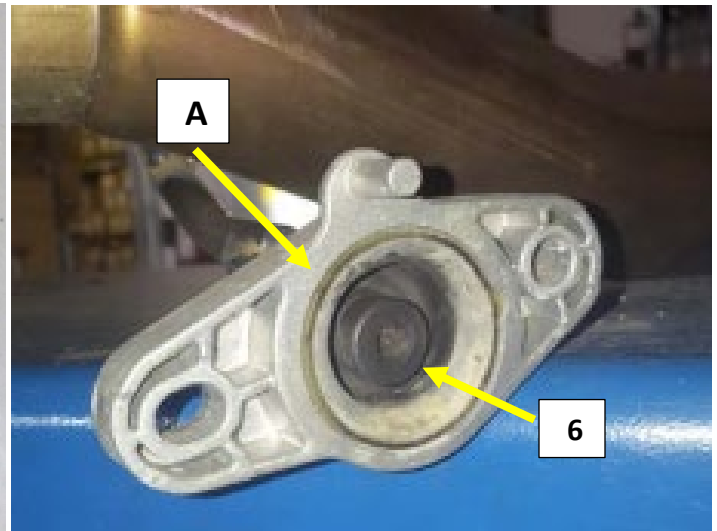


Figure.4

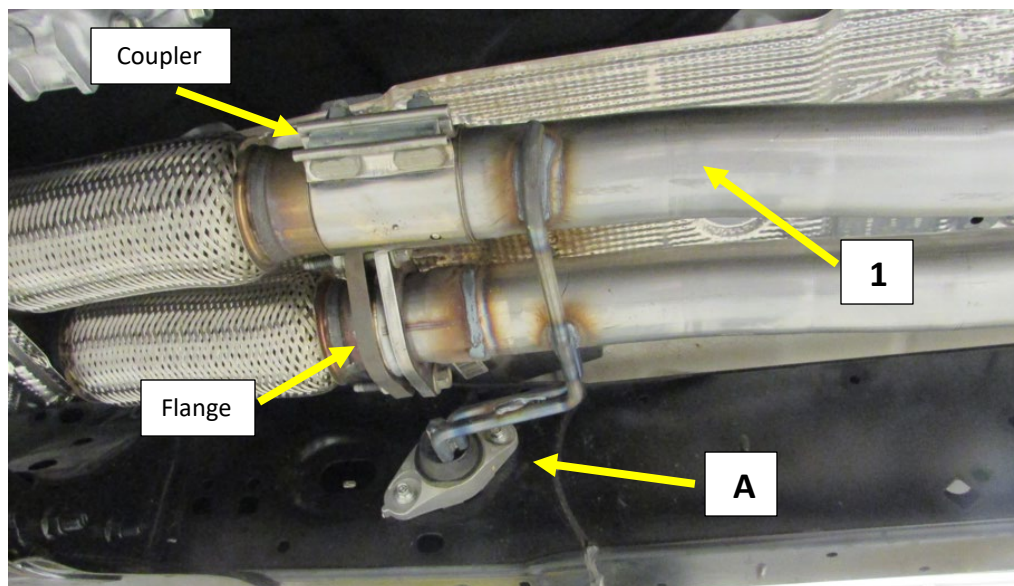


Figure.5

3. Install the Inlet pipe (**1**) into the coupler at the left flex section, align the flange with the right flex section. **Fig.5**
4. **Support the inlet pipe!**
5. Align the hanger assembly (**A**) onto the frame rail and install the (x2) 10mm bolts. **Fig.5**
6. Install the (x2) 15mm bolts into the flange connection and tighten the bolts evenly to hold the connection but allow for adjustment
7. Tighten the nuts on the coupler to hold the pipe in place but allow for adjustment.

Note: Support the Inlet pipe assembly to avoid damage to the flex sections.

Installing your Flowmaster Exhaust

8. Install a 2.5" band clamp (4) on to the each of the muffler inlet pipes (2). **Fig.6**
9. Install the muffler (2) on to the Inlet Pipe (1) approximately 2.5" with the weld seam towards the drive shaft. Tighten the clamps enough to hold the muffler in place and allow for adjustment. **Fig.6**
10. Install a 2.5" band clamp (4) on to the each of the muffler outlet pipes. **Fig.6**
11. Install the tail pipe assembly (3) over the axle and into the muffler, Install the muffler hangers into the isolators. **Fig.6 / 7**
12. Install the tail pipe frame hanger on to the rear hanger rod. Align the hanger on to the frame and install the 10mm bolt. **Fig.8**

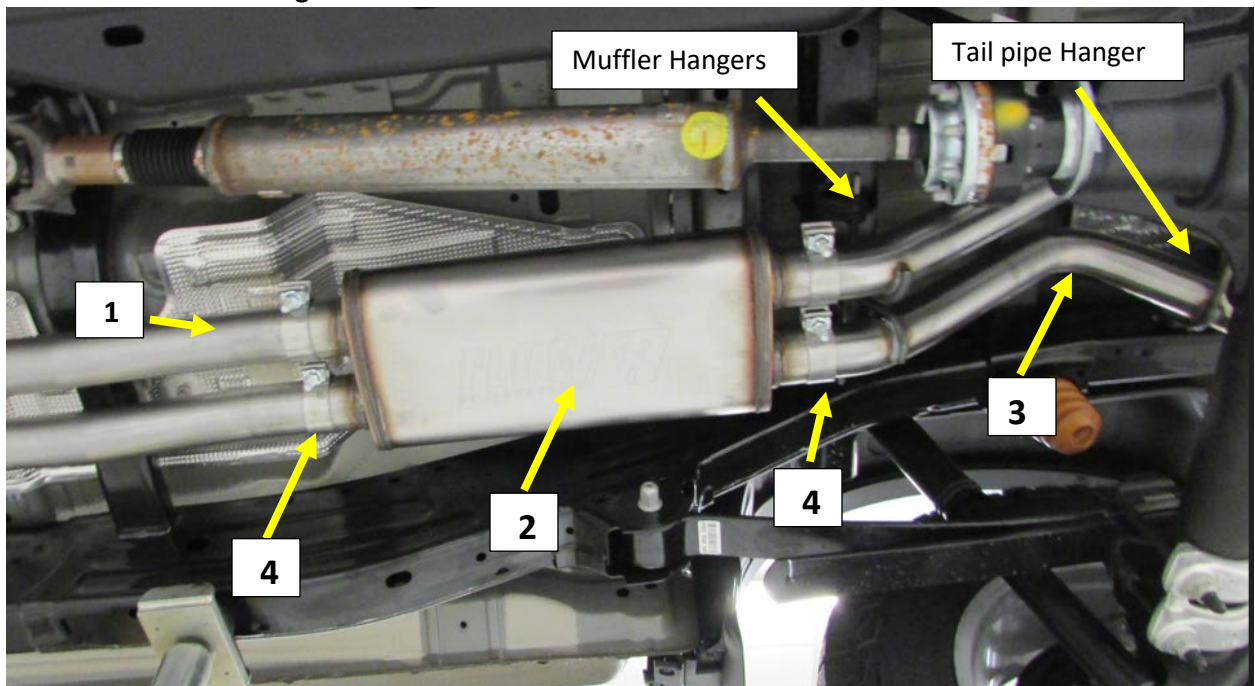


Figure.6

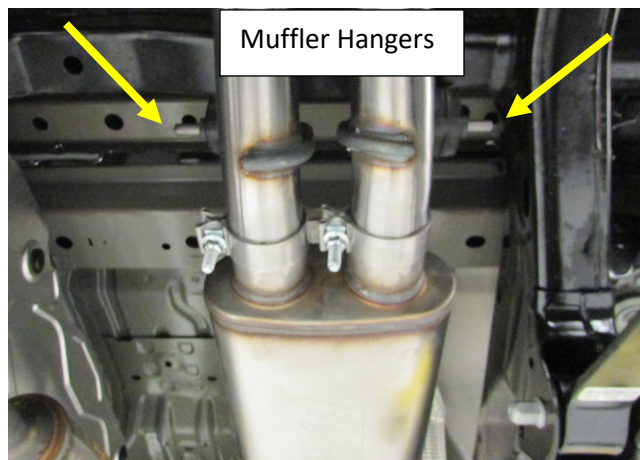


Figure.7

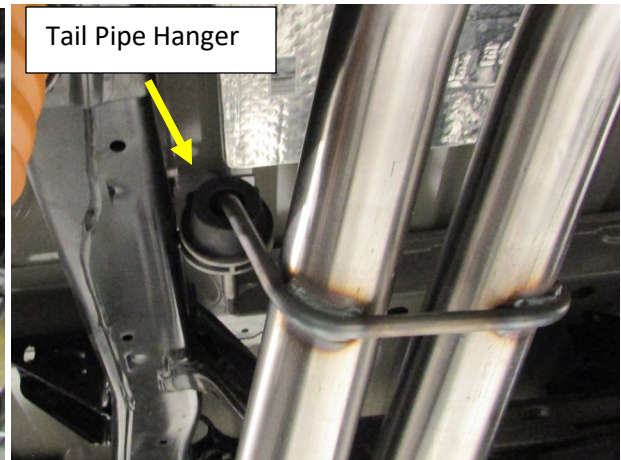


Figure.8



13. 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 Coupler, Flange Bolts and Band Clamps as you work towards the tail pipes.
14. Adjust the tail pipes to provide a minimum of ½" space between the tips and lower bed trim.
Note: Adjusting the spare tire towards the driver's side of the vehicle may be necessary for additional tail pipe clearance.
15. Install the provided push nuts **(5)** on to the muffler hanger rods after final adjustment.

Enjoy your Flowmaster Exhaust!