Installation Instructions

718152

2022-2027 Nisan Frontier
With 3.8L Engine
2- or 4-Wheel Drive

Crew Cab Short Bed- King Cab Long Bed

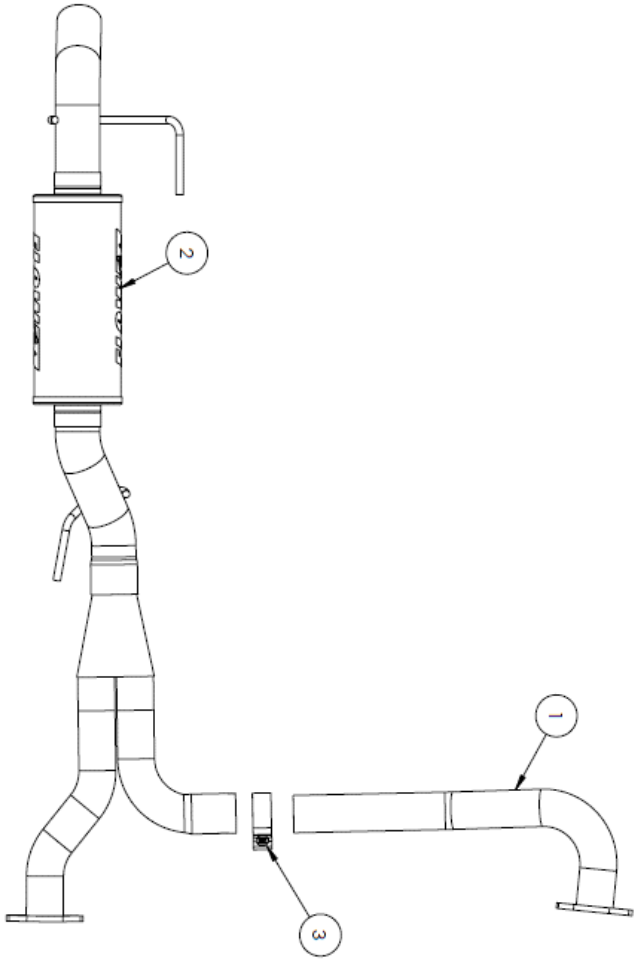
Installation requires moderate mechanical skill. If this job is beyond your abilities, seek the services of a qualified technician.

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.

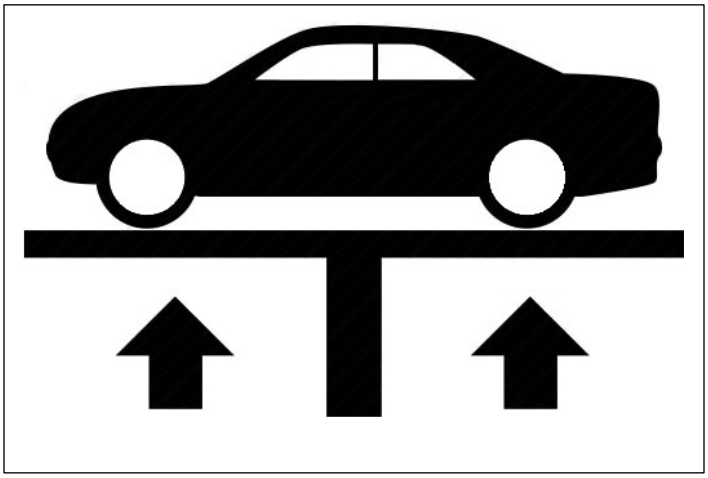
REVIEW THE INSTRUCTIONS & VERIFY THE KIT CONTENTS

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



ITM#	Part #	Description	Qty.
1	**86748M**	**Left Front Inlet pipe**	**1**
2	**70006-601**	**Muffler Assembly**	**1**
3	**MC250BS**	**2.5” Band Clamp**	**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: 2022-2027
Make: Nisan Frontier
Engine: 3.8L V6 (NA)

- **Crew Cab Short Bed**
- **King Cab Long Bed**

Will Not Fit Crew Cab Long Bed (139.8” Wheelbase)

BEFORE STARTING:

Raise the vehicle 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 in 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. Apply Penetrating oil to the (x4) 14mm nuts at the inlet pipe flanges, Band clamp on the tail pipe and each rubber Hanger on the exhaust.
2. Loosen the band Clamp on the tail pipe just after the rear axle and apply penetrating oil to the slip joint. **Fig.1**
3. Remove the (X3) M8 bolts from the tail pipe hanger assembly bolted to the frame just over the axle. **Fig.1**
4. Remove the rubber tail pipe hanger and remove the tail pipe. **Fig. 1**
5. Re install the tail pipe hanger

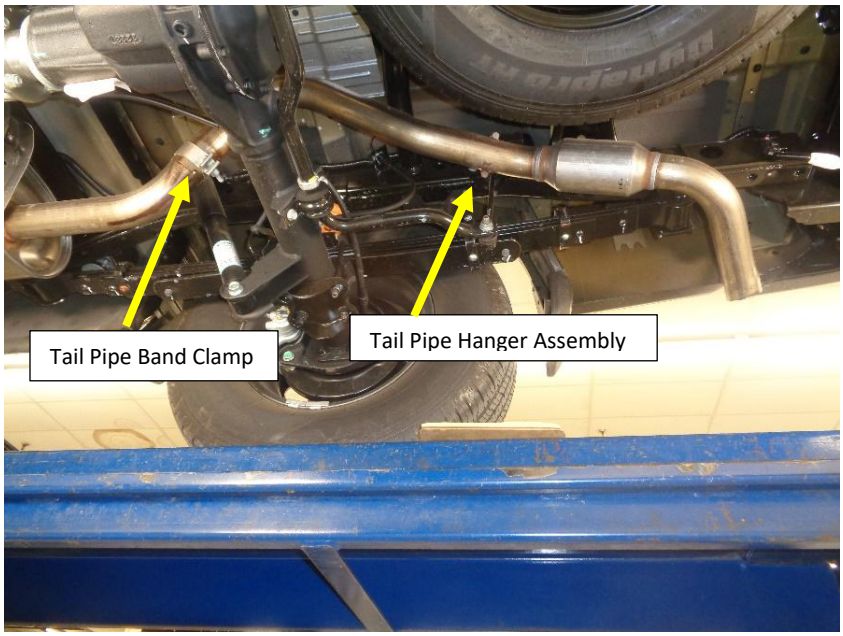


Figure.1

Removing the OEM Exhaust Cont'd

Figure.2

6. Remove the (x2 each) 14mm nuts at the flanges connecting the muffler inlet pipes to the catalytic converter. **Fig.2**
   Note: The nuts are very tight from the factory and will require a decent quality deep socket for removal.
7. Support the muffler and inlet pipe assembly.
8. Apply Spay lube to the remaining **(x2)** muffler hanger rods and rubber isolator.
9. Carefully Remove the inlet Pipes and Muffler assembly by sliding the assembly back towards the rear of the vehicle until the hanger rods are out of the rubber isolators. Take care not to damage the thin metal gaskets at the flanges, they will be re used later.

Caution: This assembly is heavy and awkward to manage with one person. Have a second person available to help with this process and avoid the possibility of injury.

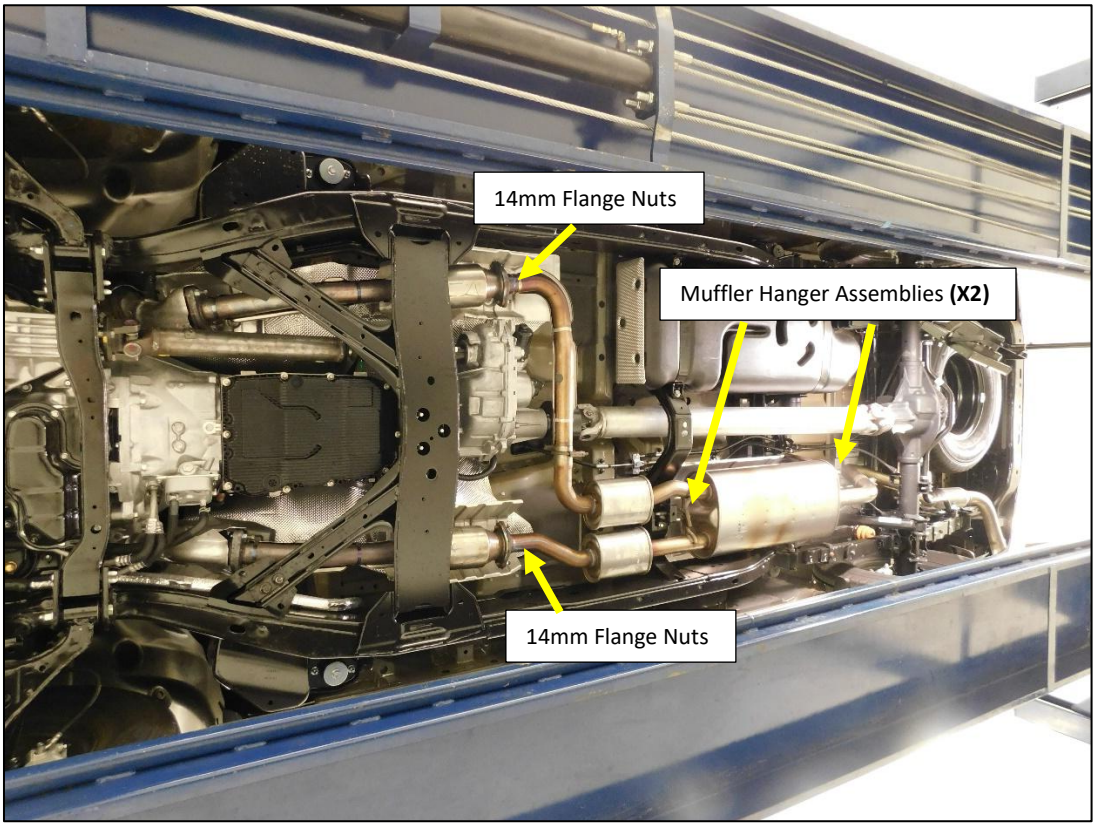


Figure.2

INSTALL YOUR FLOWMASTER EXHAUST SYSTEM



Before installing clamps in the following steps, remove their nuts, apply anti-seize compound to the bolt threads, and re-install the nuts.

1. Install the OEM metal gaskets on to the studs of the catalytic converters if removed.
2. Install a 2.5" band clamp **(3)** on to the expanded end of the Left **Front** inlet pipe **(1). Fig.3**
3. Install the Left Front Inlet pipe **(3)** into the expended end of the Muffler assembly inlet pipe **(2). Fig.3**
4. Tighten the band clamp **(3)** to hold the pipe but allow for adjustment.

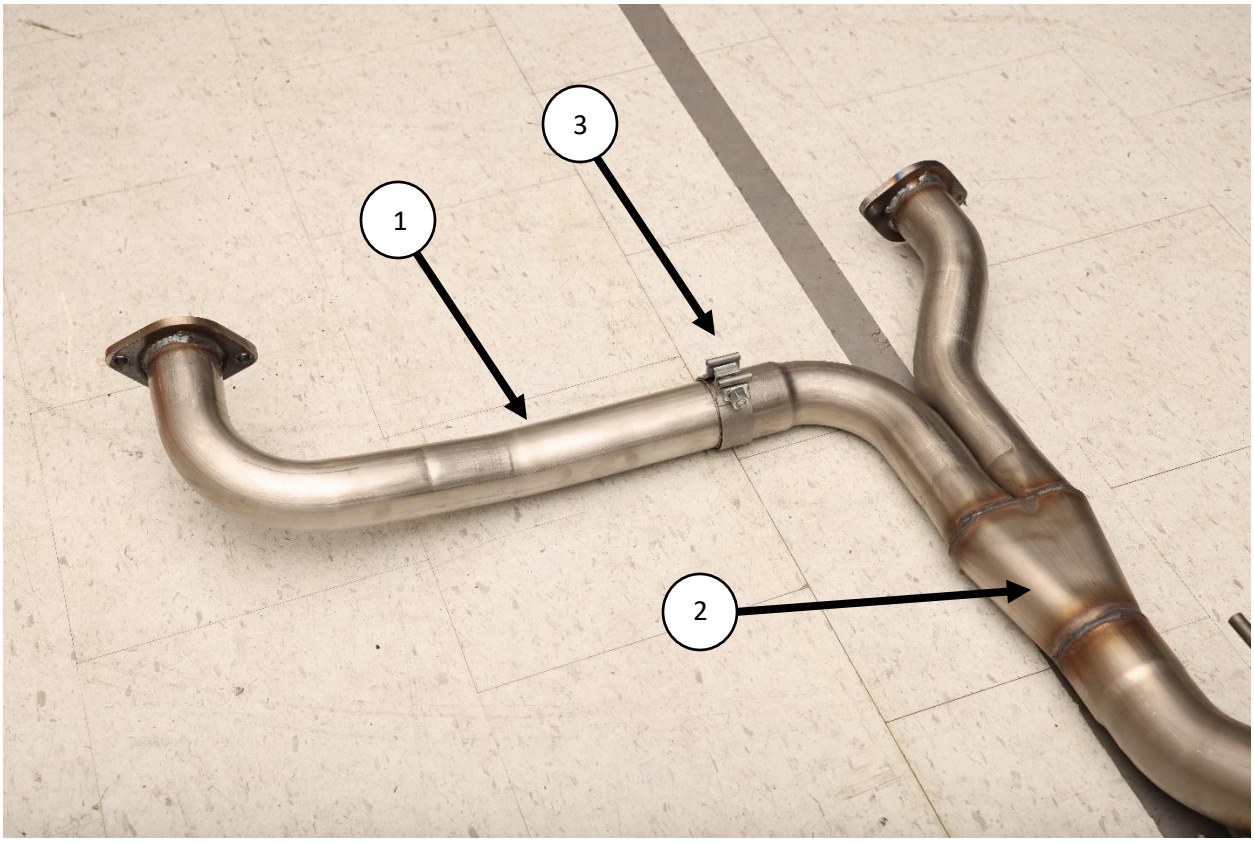


Figure.3

Installation Continued

Figure.4

5. Spray the (x2) muffler hanger isolators **(H1) (H2)** on the vehicle with Spay Lube.
6. Install the FlowFX Muffler Assembly **(2)** into the vehicle.
7. Align the hanger rods to the front and rear Muffler Hanger Isolators **(H1) (H2)** and push the muffler assembly on to the Isolators enough to hold the assembly in place but still allow the flanges to be aligned to the catalytic converters.
8. Install the studs of the catalytic converters through the flanges and install the **(x4)** 14mm nuts and tighten the nuts to seat flanges.
9. Verify the hanger rods of the muffler assembly are inserted correctly into the muffler hanger Isolators. **(H1) (H2)**
10. Tighten the **(x4)** 14mm nuts.
11. Align the 2.5" band clamp **(3)** with the bolt on top of the pipe and the nut facing the rear of the car. Tighten the band clamp.
12. Recheck all connections and alignment.

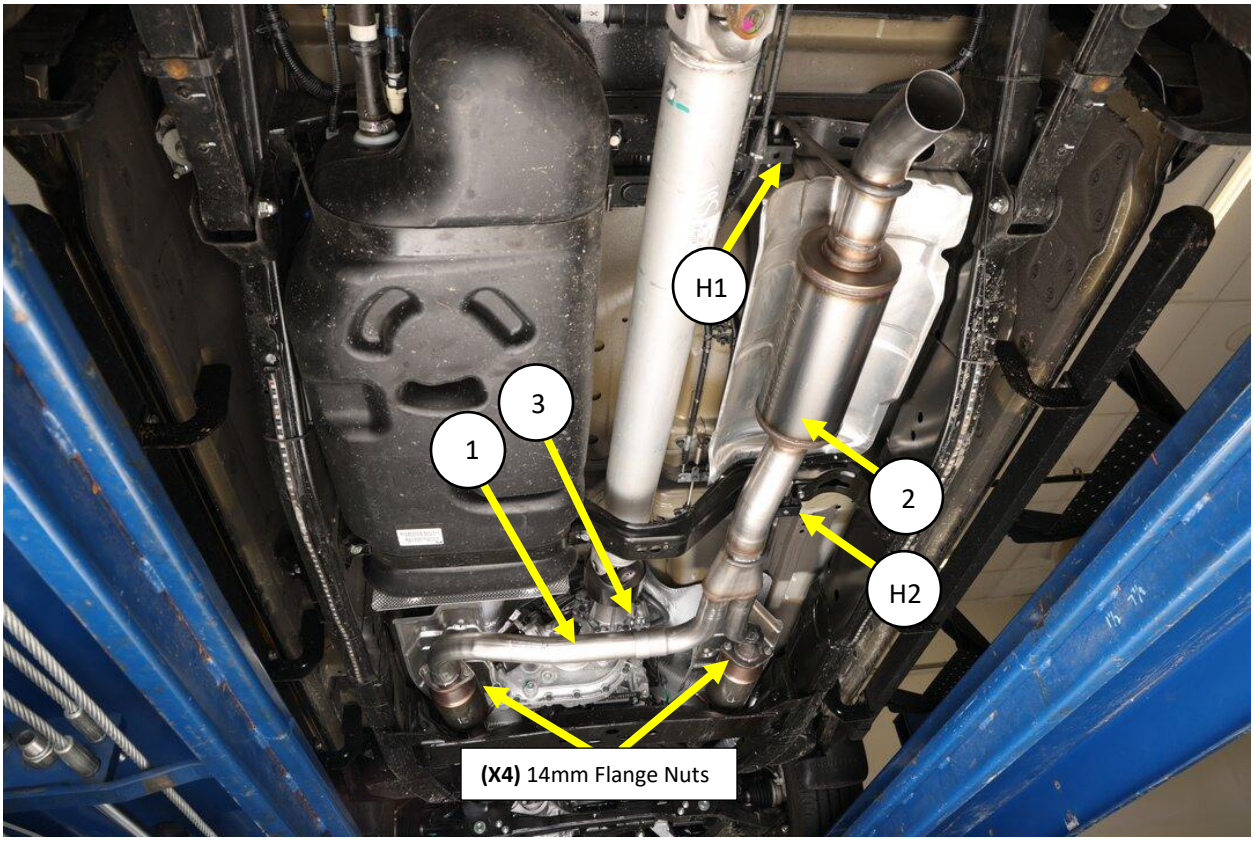


Figure.4

Enjoy Your FlowFX Exhaust!