



Installation Instructions  
**718103**  
 2005-19 NISSAN FRONTIER  
 4.0L ENGINE

**OVERVIEW:**

1. Take a moment to read and understand these instructions before installing your Flowmaster performance system.

**NOTE:** Please inventory all parts now before continuing and if necessary, report any missing items to our tech line. This will avoid potentially stranding your vehicle until any missing replacement parts arrive.

ITM #	PART #	DESCRIPTION	QTY.
N/A	PK1070	Hardware Package includes:	1
8	528HA	Muffler Hanger	1
9	354HA	Left Rear Frame Hanger	1
10	MC225BS	2¼" Stainless Band Clamp	1
11	MC250BS	2½" Stainless Band Clamp	5
12	HA566	Backing Plate	1
13	HA168	Red Rubber Hanger	1
14	HW103	¾"-16 Nut	1
15	HW303	¾" Flat Washer	1
16	HW309	¾" Lock Washer	1
17	HW523	8.5" Zip Tie	2
18	HW503	½" Hanger Keeper	2

ITM #	PART #	DESCRIPTION	QTY.
1	86707M	Inlet Pipe	1
2	72268-Z	Muffler	1
3	86708M	Left Front Tailpipe	1
4	86709M	Right Tailpipe	1
5	86710M	Left Rear Tailpipe	1
6	86711M	Side Exit Pipe	2
7	ST507B	Tips	2

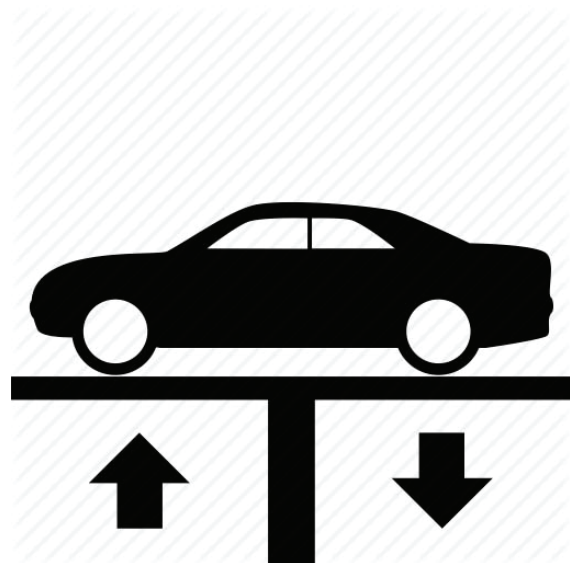
**REMOVE STOCK EXHAUST SYSTEM:**

2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

**WARNING:**  
 Avoid serious burns! Allow your vehicle time to cool completely before touching any factory engine components.

**To ease preparation and installation of your new kit:**

- Apply penetrating lubricant to mounts, bolts and clamps before you remove them.
- Use stands as necessary to support parts as you detach them from your vehicle and again as you install new parts.



- Cut tailpipe at muffler exit. Disassemble hanger wires from isolators and remove tailpipe section from vehicle.



- Support muffler then cut inlet pipe 2½" in front of muffler face. Slide muffler toward rear to disengage hanger and remove it from vehicle. Mark line 2" in front of cut inlet pipe for later exhaust install.



### INSTALL FLOWMASTER EXHAUST SYSTEM:

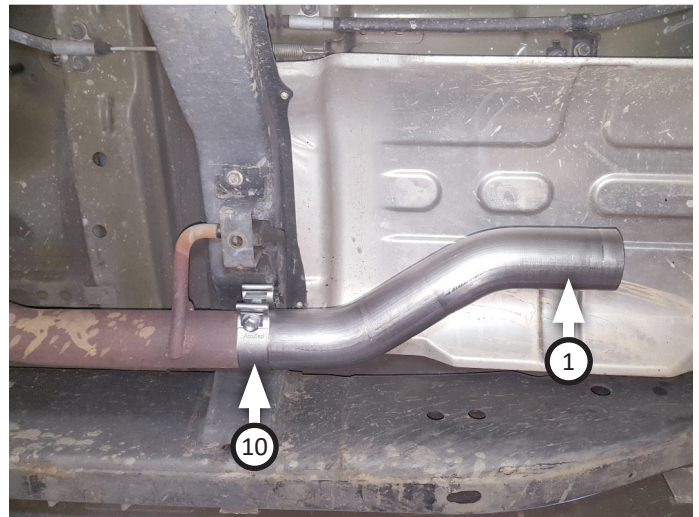
- Apply anti-seize compound to threaded fasteners for a more secure install.

**NOTE:** The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.

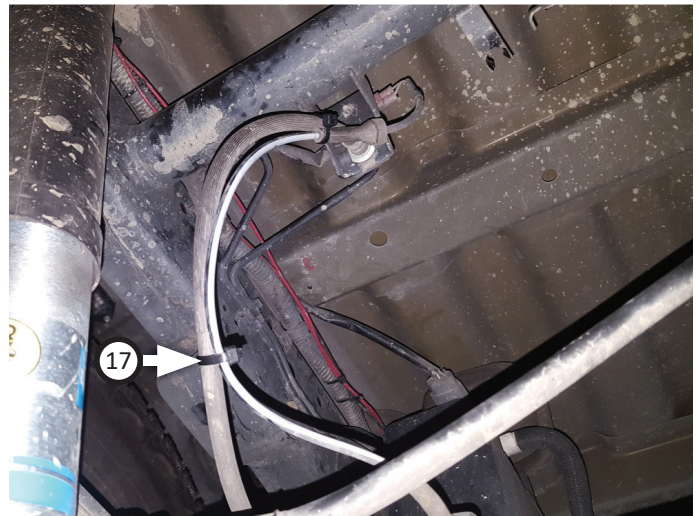
- Every slip fit connection in this kit must seat 3" deep except for muffler connections which must seat 2" deep. Find all slip fit components in your kit and mark them accordingly so your Flowmaster exhaust system fits properly onto your vehicle.



7. Place **clamp (10)** onto Z-notched end of **inlet pipe (1)** then seat it up to mark on cut factory front pipe. Orient bend as shown then tighten clamp just enough to hold.



8. Remove wire loom from clip then secure it to other lines with (x2) **zip ties (17)** as shown.



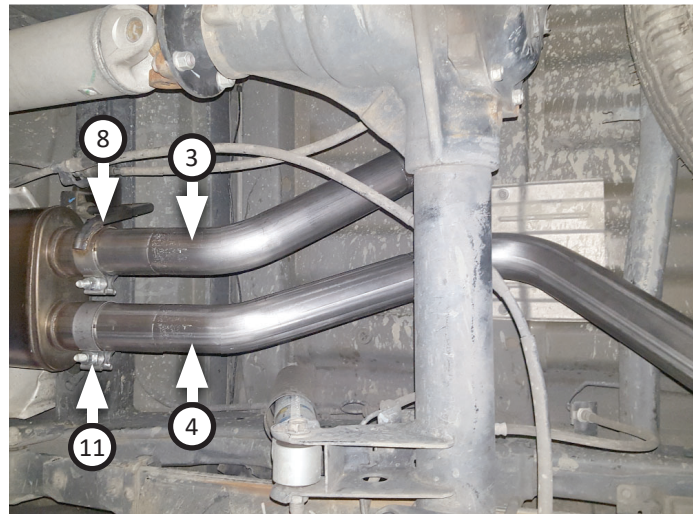
9. Place **clamp (11)** onto **muffler (2)** then connect it to inlet pipe. Tighten clamp just enough to hold parts.



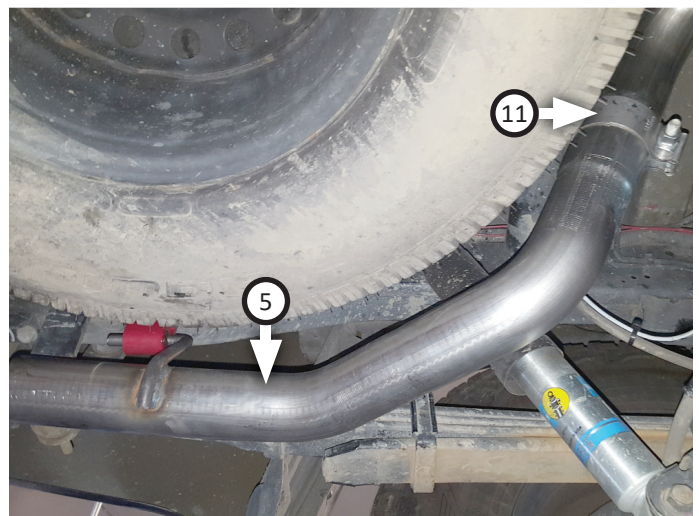
10. Install **left rear hanger (9)** onto left spare tire support with **backing plate (12)**, **flat washer (15)**, **lock washer (16)** and **nut (14)**. Tighten hanger then slide **rubber hanger (13)** onto hanger wire.



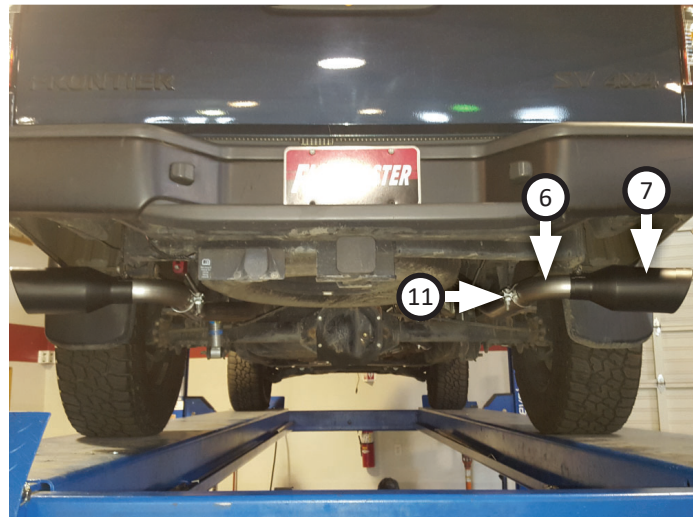
11. Place **clamp (11)** onto **left front tailpipe (3)**, **muffler hanger (8)** onto **right tailpipe (4)**, then route them over axle and connect them to muffler. Insert wire hangers into isolators then tighten clamps enough to hold parts.



12. Place **clamp (11)** onto **left rear tailpipe (5)** then connect it to left front tailpipe. Insert wire hanger into rubber hanger then tighten clamp just enough to allow for later adjustment.



13. Place (x2 ea.) **clamps (11)** onto **side exit pipe (6)** then connect them to tailpipes and tighten clamps just enough to allow for later adjustment.
14. Place (x2) **tips (7)** onto exit pipes and tighten inlets. Rotate exit pipes and tips to desired distance from body or bumper, so angle cut on tips are properly positioned.



15. Adjust exhaust components for fit; maintaining ½" clearance and compensating for suspension, travel and vibration then tighten all clamps. Finally, fit (x2) **hanger keepers (18)** onto each sideways hanger.
16. Recommended: Secure slip-fit connections with a 1-inch tack weld then spray high-temp paint over each weld to prevent rust and premature corrosion.



Congratulations, the installation of your FLOWMASTER performance exhaust system is now complete!



