



Installation Instructions
818121
 2021-22 FORD BRONCO
 2.3L & 2.7L 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.
1	853067-596	American Thunder Muffler	1
N/A	PK1083	Hardware Package includes:	1
2	529HA	Rear Frame Hanger	1
3	530HA	Rear Frame Hanger	1
4	HA168	Red Rubber Hanger	2
5	HW208	3/8"-16 x 1 Bolt	2
6	HW103	3/8"-16 Nut	2
7	HW303	3/8" Flat Washer	2
8	HW309	3/8" Lock Washer	2
9	HW502	7/16" Hanger Keeper	4
10	3401401	M8 Lock Nut	2

PREPARE VEHICLE FOR KIT INSTALLATION:

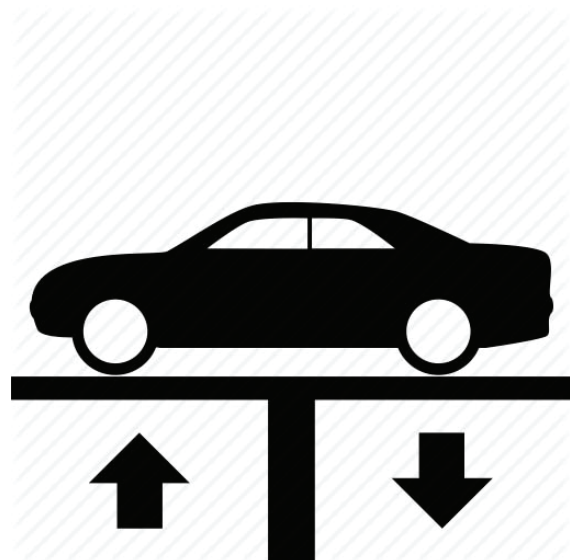
2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

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.



- Support exhaust with stands. Loosen clamp, separate both rubber isolators from frame then dismount muffler (leaving isolators on it) and remove it from vehicle.



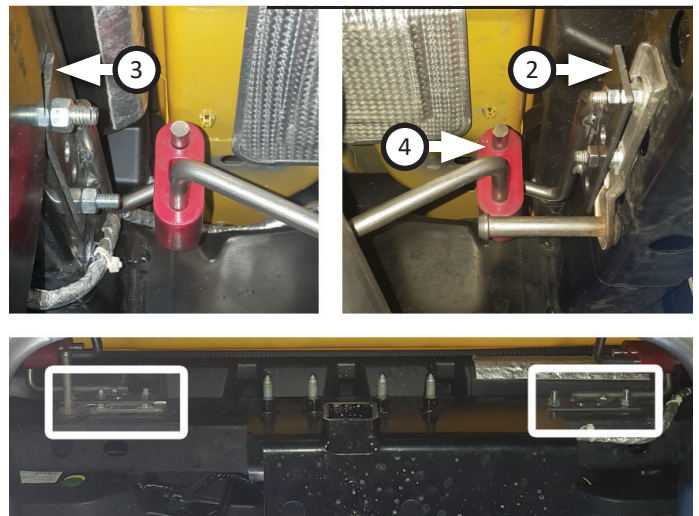
INSTALL FLOWMASTER EXHAUST SYSTEM:

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

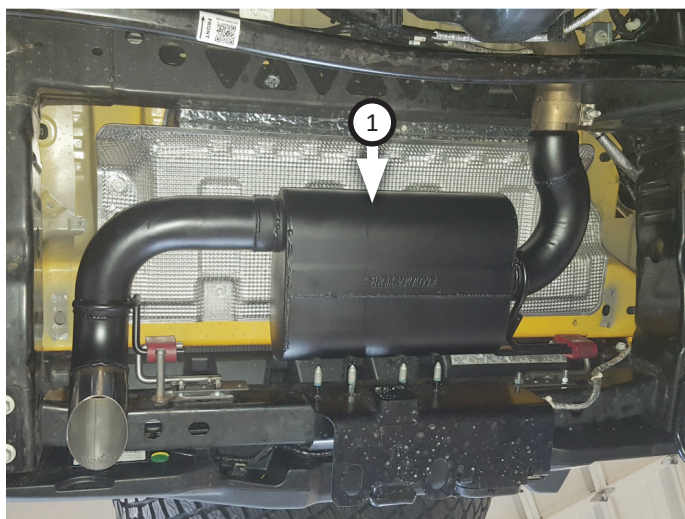
NOTE: The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.



- Place **rear frame hanger (2)** onto driver side isolator mount studs then fasten it with (x2) **lock nuts (10)**. Fasten **rear frame hanger (3)** to other side with (x2 ea.) **bolts (5)**, **lock washers (8)**, **flat washers (7)** and **nuts (6)**. Place **rubber hanger (4)** onto rear frame hangers.



6. Connect **muffler (1)** to mid pipe, inserting wire hanger into rubber hanger. Adjust muffler to fit properly as shown then tighten clamp.



7. Fit (x4) **hanger keepers (9)** onto each hanger.
8. 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!





Installation Diagram
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