



OUTLAW

S E R I E S

Installation Instructions

818101

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	26877S	Inlet Pipe	1
2	26878S	Mid Pipe	1
3	8430152-592	Outlaw Muffler	1
N/A	PK1082	Hardware Package includes:	1
4	529HA	Right Rear Frame Hanger	1

ITM #	PART #	DESCRIPTION	QTY.
5	530HA	Left Rear Frame Hanger	1
6	MC300BS	3" Stainless Band Clamp	2
7	HA168	Red Rubber Hanger	2
8	HW208	3/8-16 x 1 Bolt	2
9	HW103	Nut 3/8-16	2
10	HW303	3/8" Flat Washer	2
11	HW309	3/8" Lock Washer	3
12	HW502	7/16" Hanger Keeper	4
13	HW503	1/2" Hanger Keeper	1
14	3401401-00	M8 Lock Nut	2
15	HW274	1/2 x 3/4L x 3/8 Shoulder Bolt	1

REMOVE STOCK EXHAUST SYSTEM:

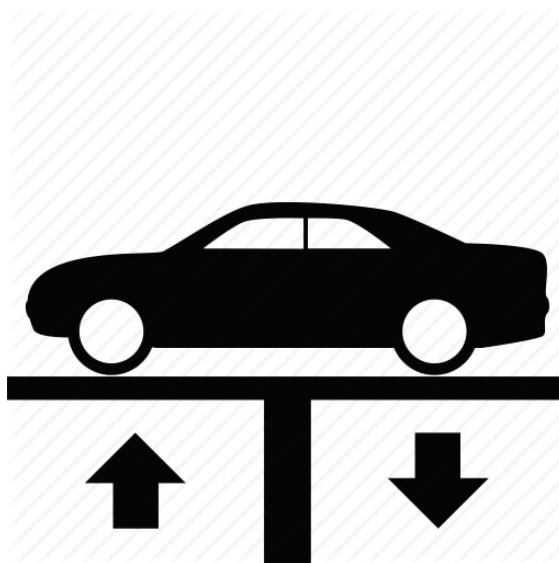
2. Raise vehicle up on a hoist or rack to working height. If you don't have access to a hoist or rack, support vehicle with jack stands.

WARNING:

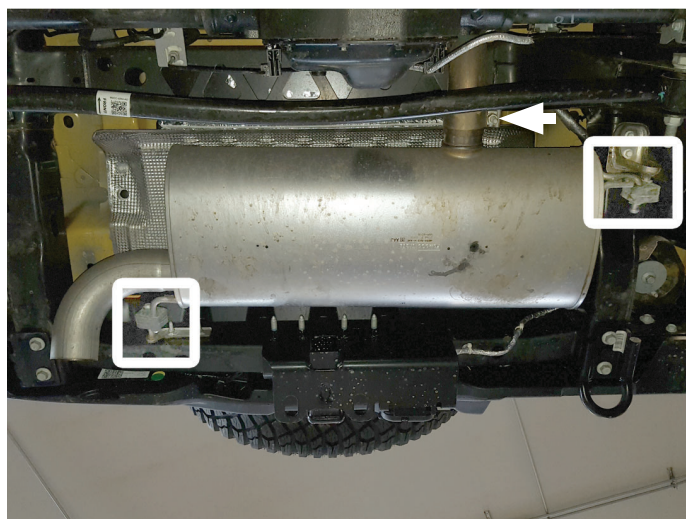
Avoid serious burns! Allow your vehicle time to cool completely before touching any factory engine components.

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.

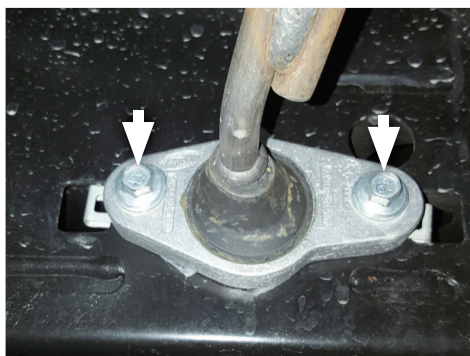


3. Support exhaust then dismount muffler from isolators. Loosen clamp from inlet then remove muffler from vehicle. Dismount isolators from factory mounts.



4. Support front pipe then remove flange fasteners. Unbolt isolator mount from frame, separate rear wire hanger from isolator then remove front pipe from vehicle.

NOTE: When completing this step, make sure to index and keep flange fasteners, gasket, isolator mount and (x2) bolts to re-use them during install.



INSTALL FLOWMASTER EXHAUST SYSTEM:

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

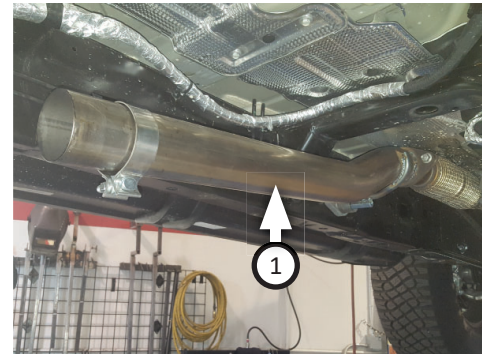
NOTE: The image in this step is intended for illustrative purposes only and may or may not accurately reflect components included in your kit.

For this kit to install properly on a 2-door model vehicle:
Trim 15 $\frac{3}{4}$ " from rear of inlet pipe.

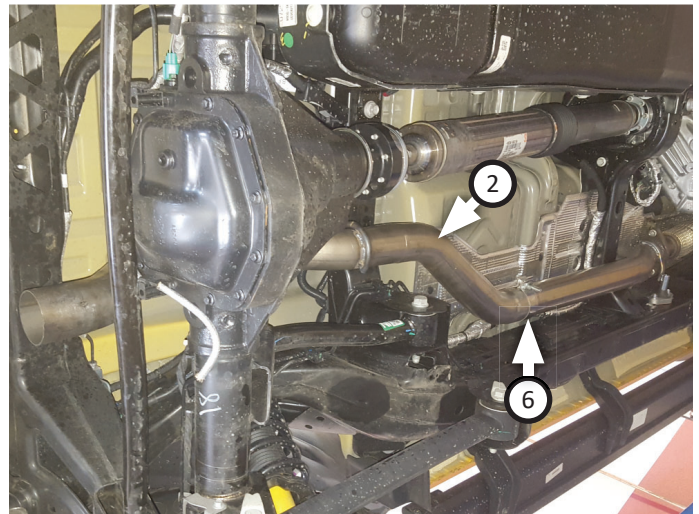


6. Fasten isolator mount to **inlet pipe (1)** with **bolt (15)** and **lock washer (11)**, then place factory flange gasket into it. Connect inlet pipe to flange with fasteners, then secure it by re-bolting isolator mount to vehicle frame.

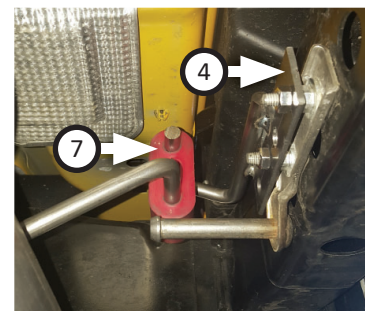
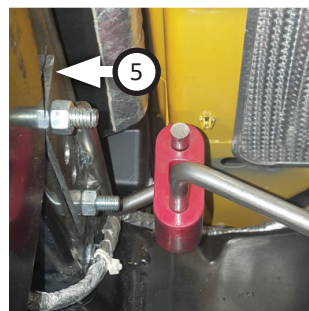
NOTE: Fasten parts to vehicle with fasteners and components removed step 4.



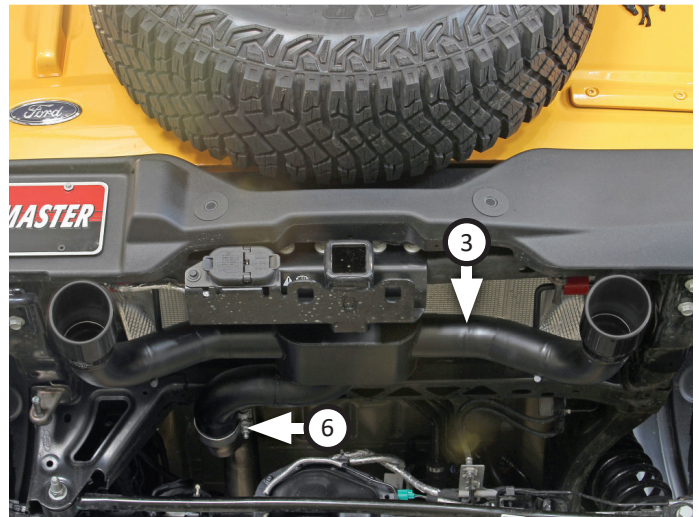
7. Place **clamp (6)** onto **mid pipe (2)** then route it over axle and connect it to inlet pipe. Tighten clamp just enough to allow for adjustment.



8. Place **right rear frame hanger (4)** onto driver side isolator mount studs and fasten it in place with (x2) **lock nuts (14)**. Place **left rear frame hanger (5)** onto passenger side frame, fastening it with (x2 ea.) **bolts (8)**, **lock washers (11)**, **flat washers (10)** and **nuts (9)**. Place (x2) **rubber hangers (7)** onto rear frame hangers.



9. Place **clamp (6)** onto **muffler (3)** then connect it to mid pipe. Insert wire hangers into rubber hangers and tighten clamp enough to allow for adjustment.



10. Adjust exhaust components for fit; maintaining $\frac{1}{2}$ " clearance and compensating for suspension, travel and vibration, then tighten all clamps. Finally, fit (x5) **hanger keepers (12, 13)** onto each sideways hanger.
11. 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!





OUTLAW[®]

S E R I E S

Installation Diagram
818101
2021-22 FORD BRONCO
2.3L & 2.7L ENGINE

