



Installation Instructions

818127

2021-2024 RAM TRX

6.2L ENGINE

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.

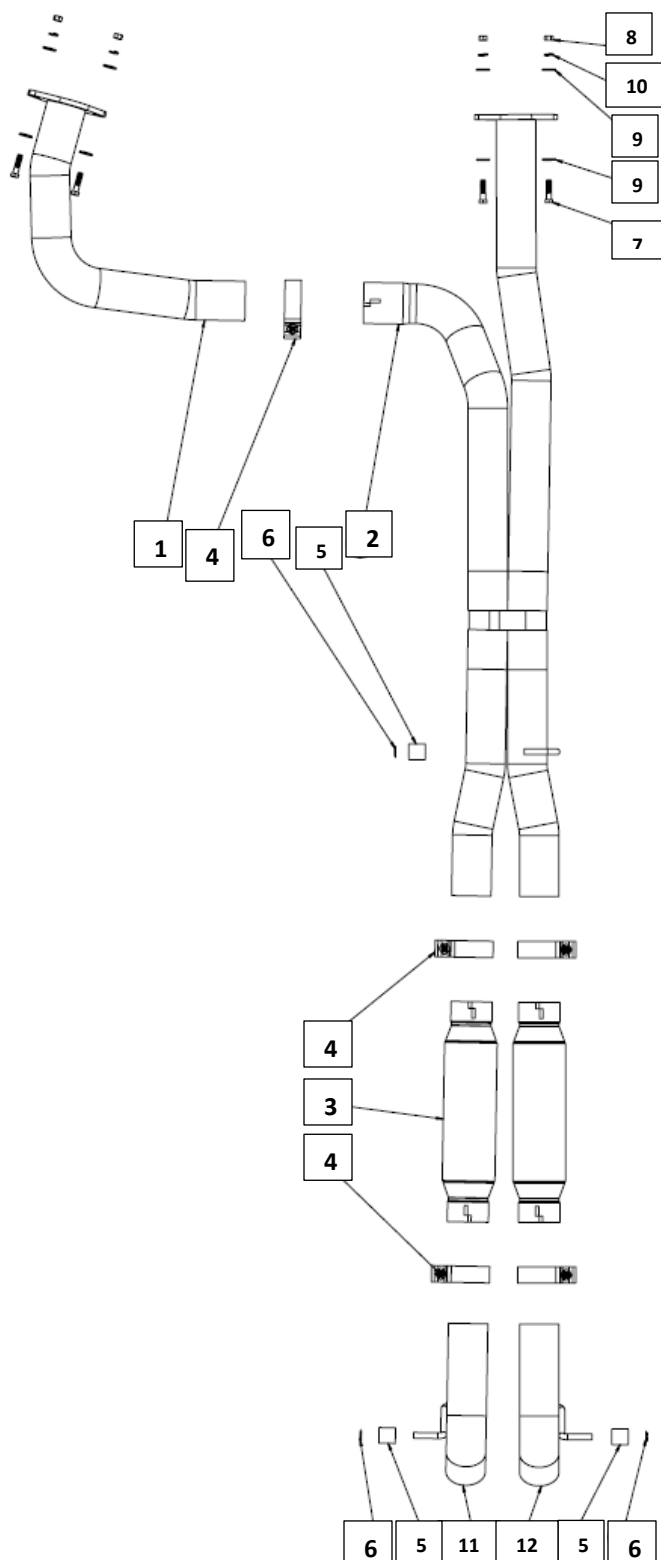
Apply penetrating oil generously to clamps, fasteners, pipes, and hanger rods for ease of disassembly.

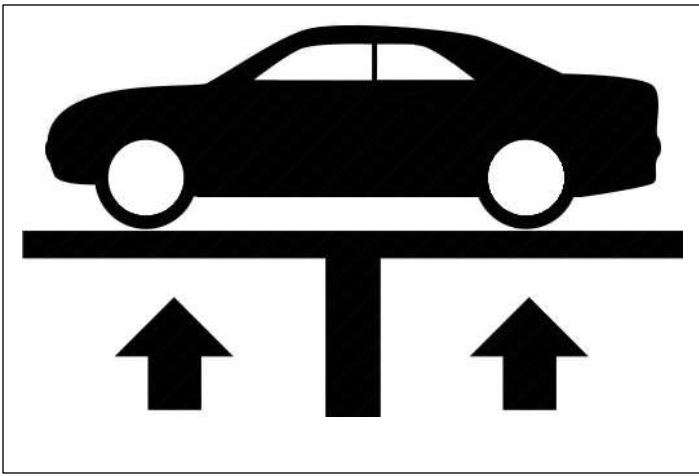
REVIEW THE INSTRUCTIONS & VERIFY THE KIT CONTENTS

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

ITM#	Part #	Description	Qty.
1	26859S	Left Inlet Pipe, Front	1
2	26860S	Scavenger Assembly	1
3	815430-Z	Muffler	2
4	MC300BS	3" Band clamp	5
5	HA1640	Red Rubber Hanger	3
6	HW502	7/16" Hanger Keeper	3
7	HW210	3/8-16 x 1-1/2" Bolt	4
8	HW103	3/8-16 Nut	4
9	HW303	Flat Washer	8
10	HW309	3/8" Lock Washer	4
11	26868S	Left Turn Down Exit	1
12	26867S	Right Turn Down Exit	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: **2021-2024**

Make: **Ram 1500 TRX**

Engine: **6.2L only**

BEFORE STARTING:

Your vehicle must be raised 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 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:

NOTE: Removing the OEM exhaust without cutting it, will require removing the spare tire and surrounding heat shield. Having the vehicle on a lift and generous amounts of snaking and twisting will be required to remove the left tailpipe and muffler assembly as one piece.

1. Apply penetrating oil to all hardware and each rubber isolator on the exhaust. Repeat, as necessary.
2. Loosen the band clamp on the right tailpipe after the mufflers and spray the slip joint and rubber isolator(s) with penetrating oil. Remove the right rubber isolator and then tailpipe. **Fig.1**
3. Cut the left tailpipe approx. 5" after the muffler with a reciprocating saw. Remove the left rubber isolator and tailpipe section. **Fig.2** *See note above if **NO** cutting is required.



Figure 1



Figure 2

4. Remove the (x5) bolts attaching the black section of the factory skid plate under the transfer case. **Fig.3.** Remove the skid plate.
5. Remove the (x2) clamps at the muffler inlet. **Fig.4.** Apply penetrating oil to the slip joints and rubber isolators. Remove the rubber isolators and grounding strap.
6. Separate the muffler assembly from the X-pipe, tilt downward, and pull back towards the front of the vehicle to remove.
7. Remove the (x4) bolts from the flanges where the OEM X-pipe bolts to the catalytic converters. **Fig.5**
*Save for reuse later.
8. Remove the X-pipe assembly. **Fig.6.** *Take care not to damage the gaskets (they will be reused later).

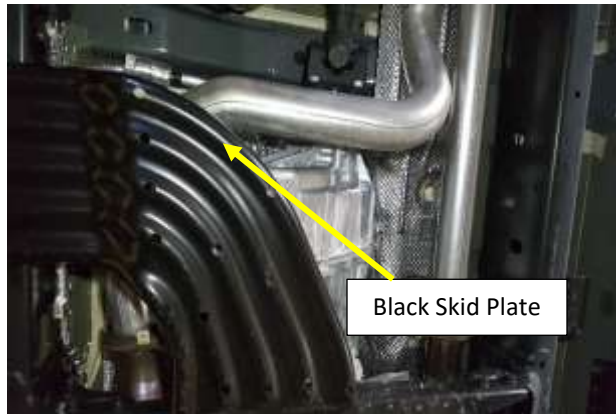


Figure 3

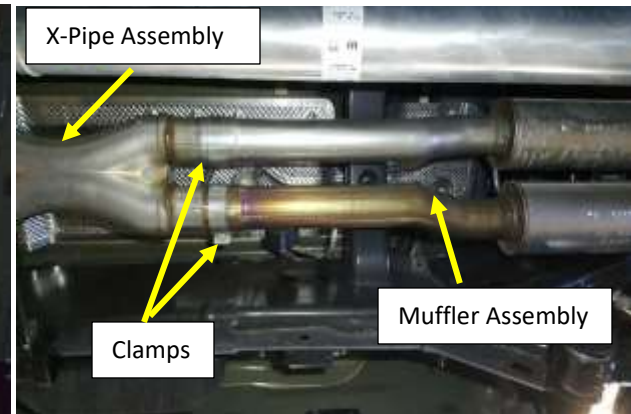


Figure 4

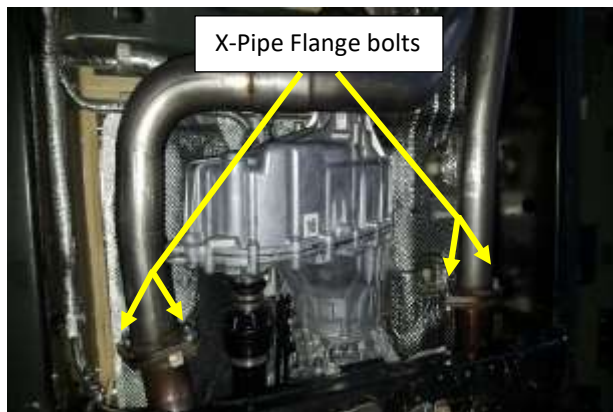


Figure 5

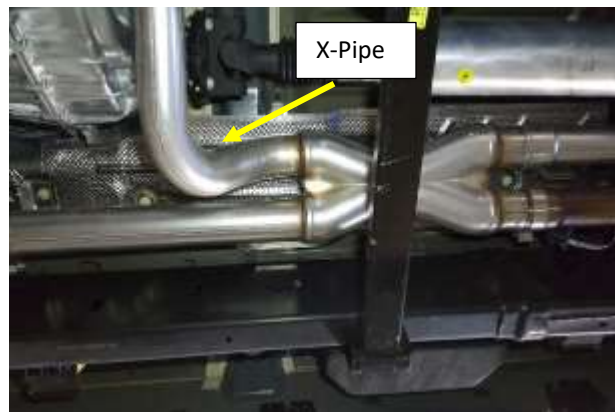


Figure 6

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.

IMPORTANT! Review the parts list supplied and inventory all parts before installation. Contact customer service for replacements of missing or damaged parts.

1. Install the Flowmaster scavenger pipe assembly (2) into the vehicle as shown in **Fig.7**. Support the scavenger pipe while assembling the scavenger inlet pipes to the catalytic converter flanges.
2. Install the OEM gasket between the right inlet pipe flange and catalytic converter pipe flange. Install the supplied 3/8-16 x 1-1/2" bolts (7) with flat washers (9) through the flanges. Install a second flat washer (9), lock washer (10), and nut (8) on each of the bolts. Leave loose for now.
3. Install a 3" band clamp (9) onto the scavenger inlet pipes expanded pipe with no flange, and position the clamp with the bolt facing the rear of the vehicle and nut facing down. **Fig.8**
4. Install the Flowmaster left inlet pipe (1) into the expanded slip joint on the scavenger pipe (2). **Fig.8**
5. Align the flange at the catalytic converter and install the OEM gasket between the flanges.
6. Install the supplied 3/8-16 x 1-1/2" bolts (7) with flat washers (9) through the flanges. Install a second flat washer (9), lock washer (10), and nut (8) on each of the bolts.
7. Tighten the hardware at the left and right flanges to hold the flanges together but allow for adjustment of the assembly.
8. Tighten the band clamp at the slip joint to allow for adjustment.

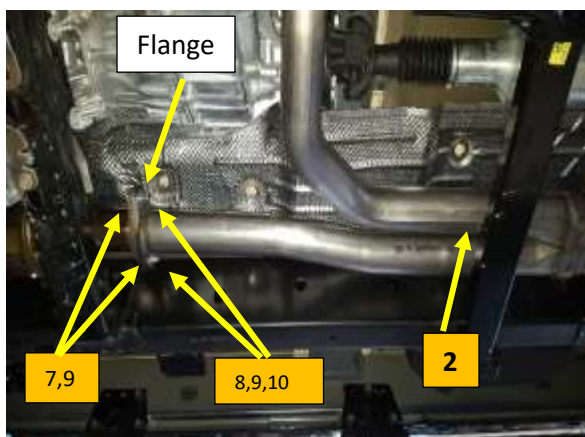


Figure 7

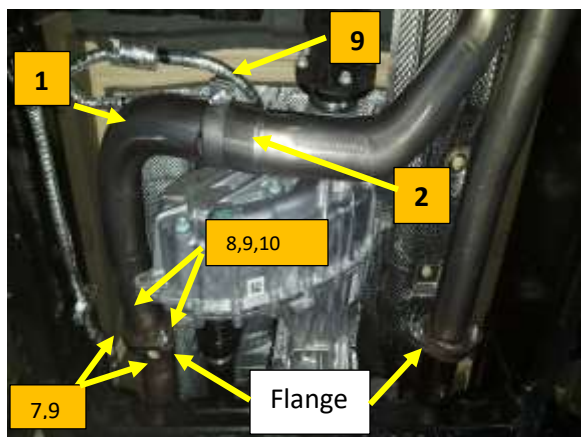


Figure 8

9. Install the red rubber isolator (5) on to the frame hanger and scavenger pipe hanger rod. **Fig. 9**
10. Install a 3" band clamp (4) on to each of the scavenger pipe outlets (2) with the bolts on the driver's side and nuts facing down. **Fig.9**
11. Install a Flowmaster Outlaw muffler with the end marked "INLET" on each of the scavenger pipes (2). Tighten the clamps to firmly hold the mufflers.
12. Install a 3" band clamp (4) on to each of the Flowmaster Outlaw mufflers outlets with the bolts on the driver's side and bolts facing down. **Fig.9**
13. Install the red rubber isolators (5) on to the frame hanger and each turn down exit pipe (11) (12) hanger rod.

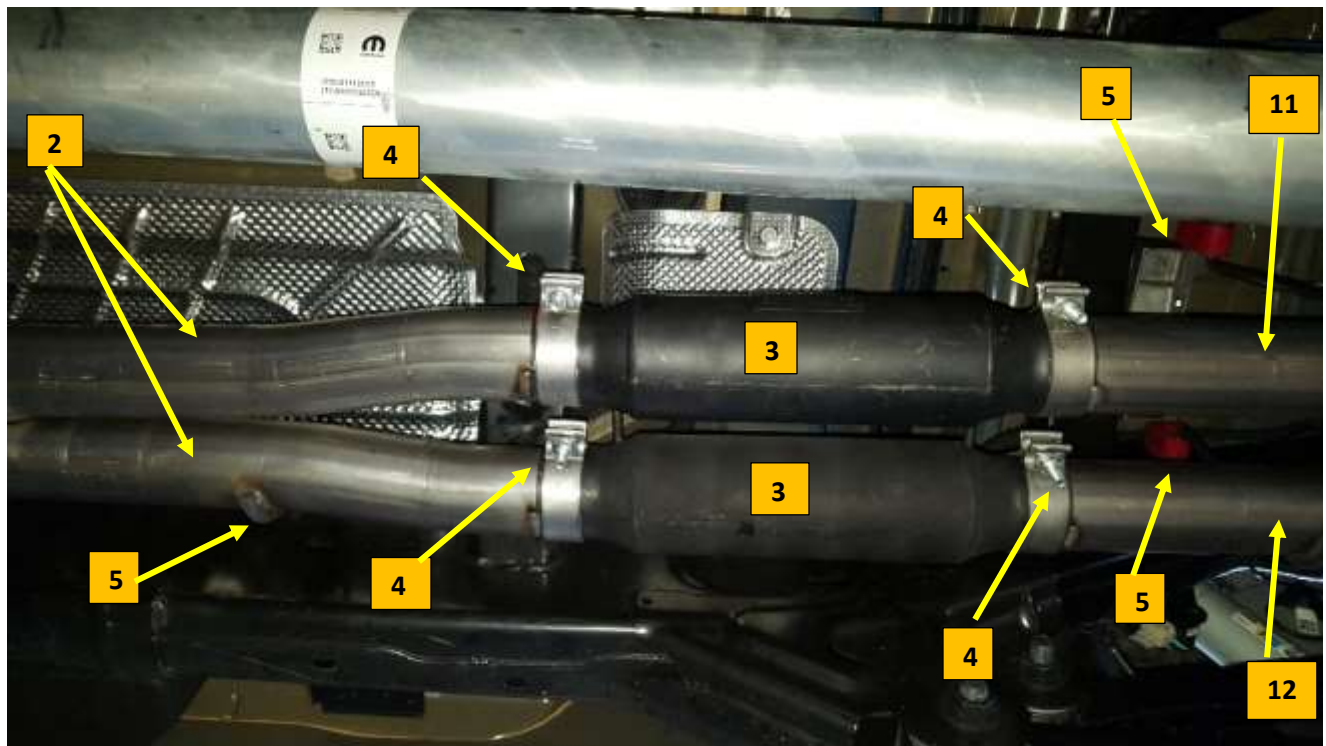


Figure 9

14. Starting at the front and working to the rear, align and tighten all the hardware and clamps. Check for proper clearance and make the necessary adjustments as you go.
15. Install the supplied hanger rod keepers on each hanger rod.
16. Install the OEM grounding straps to the exhaust hanger rods in the same locations as the OEM exhaust.
17. Be sure to readjust and tighten all pipes and hardware after the first test drive.

Enjoy Your Flowmaster Exhaust!

818127

Date: 7-1-24