

Pypes 4 in. Cat-Back Exhaust w/ Polished Tip - Single Side Exit (2015-2017 2.7L EcoBoost)



Pypes Performance Exhaust
2705 Clemens Road Suite B103 Hatfield, PA 19440
800-421-3890 (voice) 267-638-3507 (fax)
www.pypesexhaust.com

Materials List:

- EVT405 Tip
- MFT22 Mid Pipe
- TTD010F Tail Pipe
- TTD033R Tail Pipe
- MVR400 Violator Muffler
- HVC76 Hanger Clamp
- HVC77 Hanger Clamp
- HTD086 Hanger Clamp
- HVC35 Hardware Kit

Suggested Tools:

- 3/4 Inch Ratchet
- 9/16 Deep Socket 3/4 Drive
- 9/16 Ratcheting Wrench
- 15mm Ratcheting Wrench
- 14mm Deep Socket
- Tape Measure
- Sawzall or Grinder
- WD-40 or Silicon Lubricant

Procedure:

1. Begin by ensuring the vehicle is parked on a flat surface with parking break engaged. If you do not have access to a lift and plan on using a jack and jack stands be sure to place the jack in a safe location not to damage any components. Place all four jack stands at the safest highest setting to allow you enough room to work under the truck.
2. The removal of factory exhaust is possible without any cutting or damage to the system. First using a 14mm socket loosen the flange bolts holding the mid pipe section to your y-pipe.



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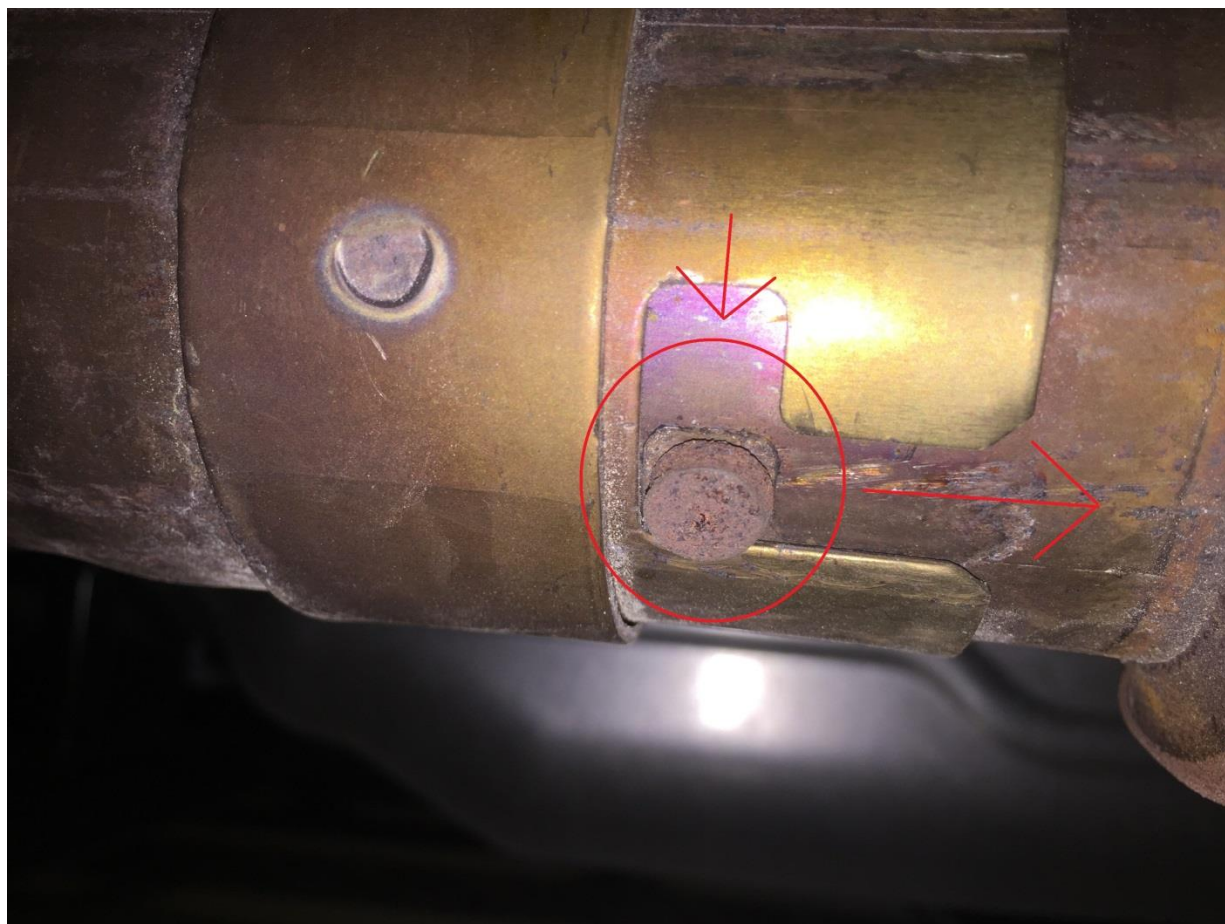


3. Using a 15mm Wrench start to loosen the bolt connecting band clamp to the flex pipe. You do not need to completely remove the nut, once loose the pipe will move freely. This will allow the locking design to rotate out allowing for separation.

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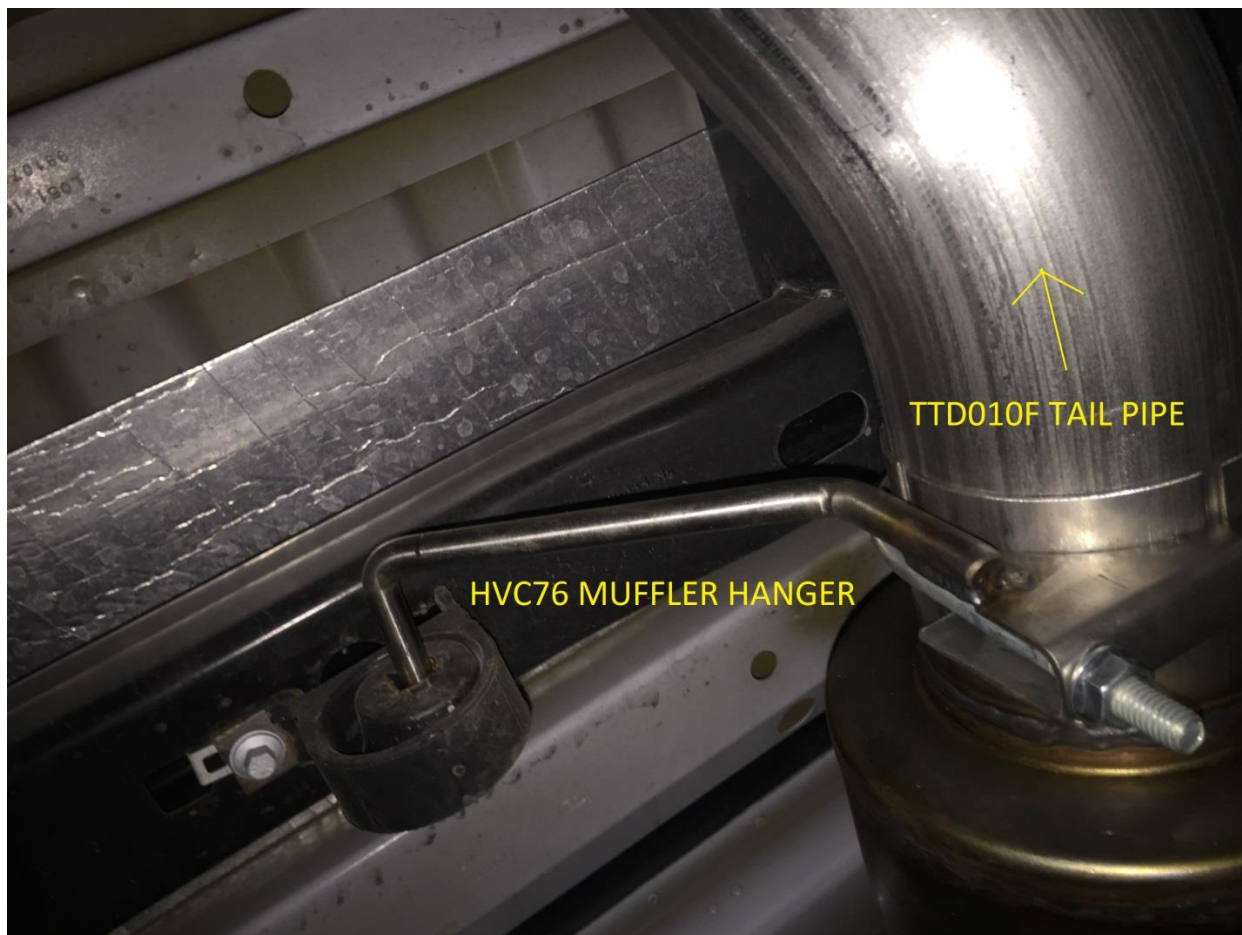


4. The locking design as shown above will be located on top of the system, in order to separate the two I suggest spraying this section of pipe with wd-40. By grabbing hold of the mid pipe twist to the left freeing lock. Once free wiggle side to side working them apart.
5. Once the mid pipe has been removed it will help if you spray the rubber isolators with wd-40 or a silicon lubricant for easy removal. To remove the muffler and tailpipe assembly rotate the pipe 45 degrees lifting the pipe over the bend of axle to allow clearance. Be sure not to damage the rubber isolators as they will be reused with the instillation of the new system.

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6. Now, assemble the MVR400 muffler to the TTD010F tail pipe using the HVC76 muffler hanger, remember to snug everything up with enough room to allow for adjustments once on the vehicle. The MVR400 muffler is supposed to have an inlet designator stamped on the muffler showing the installation direction but mine did not. In this case the raised louvers should face towards the rear of the truck per instructions from Pypes Tech Support.

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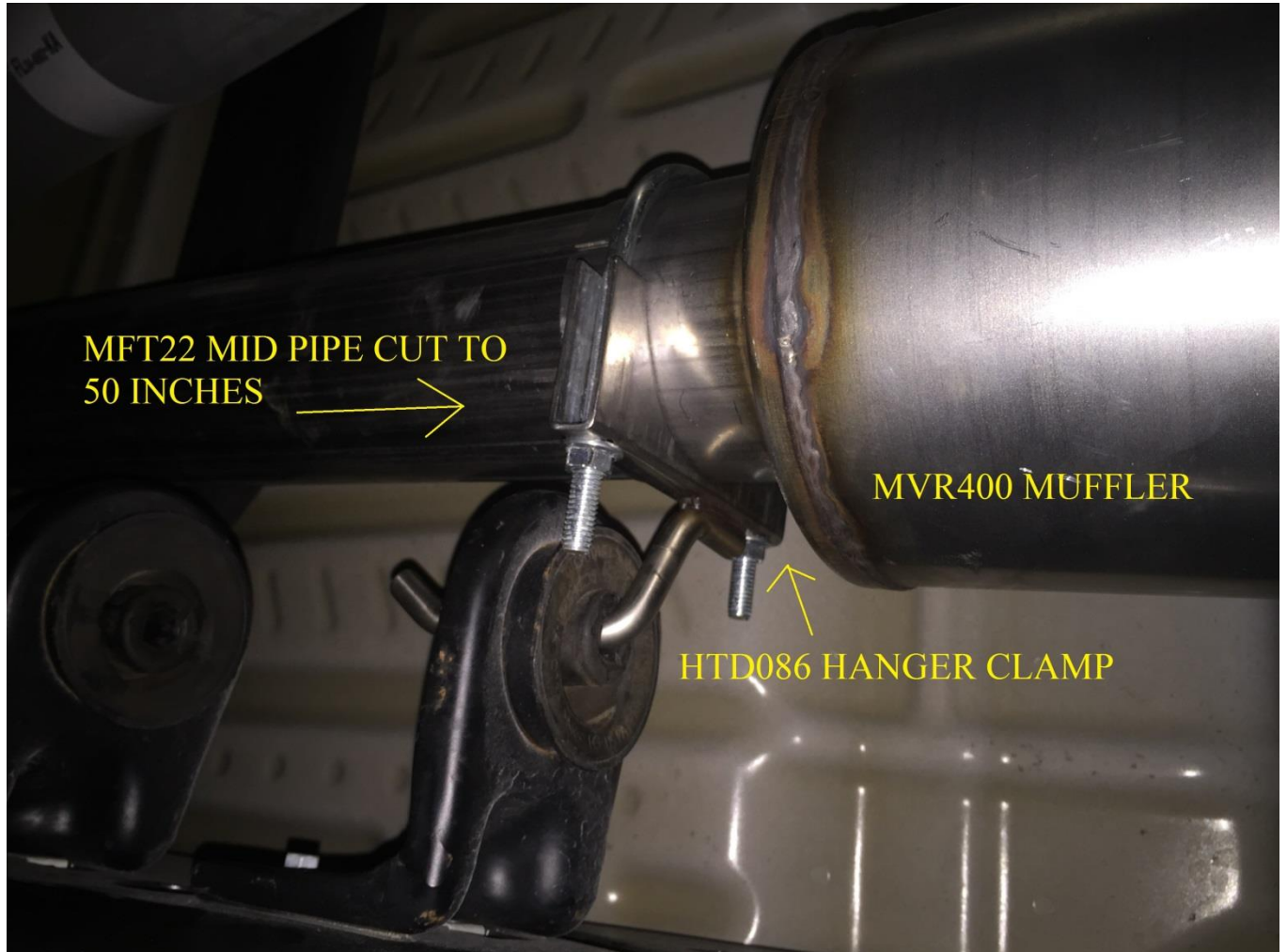


7. Followed by attaching TTD033R rear tail pipe hanger.
8. The MFT22 mid pipe is “trim to fit” which accounts for the different bed lengths. Measure from the flange opening to the inlet of the muffler with enough piping to slide into the slip fit opening. Take your mid pipe measuring from the flange side back, mine was roughly 50 inches in length.

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9. Now install the MFT22 mid pipe section that you have measured and cut to fit your bed size into the MVR400 muffler using the HTD086 hanger clamp.

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10. Last but not least it is not time to add the 5 inch tip EVT405 to the rear tail pipe TTD033R.

Now safely jack the truck back up to remove all jack stands placing truck on the ground. Stand back start the truck and listen to your new tone, check for leaks and don't forget to take it for a spin.

After a couple hundred miles get back under the truck make sure all the bolts are still nice and tight continue to enjoy!

Installation guide created by AM customer Christopher Richards on 03/16/17