

SFT24V SFT24VB

2010-14 Ford F150 Raptor

409 Stainless Steel 4" Cat-back Exhaust System

Thanks again for purchasing your new stainless steel Pypes Performance Exhaust. Please take the time now to review these installation instructions and confirm that all the components in the kit were received in your shipment before you begin disassembly. If you find a component missing or have questions about the installation please contact our technical department at tech@pypesexhaust.com or through our live chat room found on the home page of the Pypes website at www.pypesexhaust.com.



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BILL OF MATERIALS

| | |
|---|-------------------------|
| 1 | EVT406-18 or EVT406-18B |
| 1 | MFT24 Midpipe |
| 1 | MTD033F Midpipe |
| 1 | TTD010F Tailpipe |
| 1 | TTD022R Tailpipe |
| 1 | MVR400 Violator Muffler |
| 1 | HVC74 Clamp |
| 1 | HVC76 Hanger Clamp |
| 1 | HVC77 Hanger Clamp |
| 1 | HTD086 Hanger Clamp |
| 1 | HVC35 Hardware Kit |



1. Begin by placing the vehicle on a lift or four jack stands at their maximum height. To help your installation, it is best to pre-fit all the components into a complete system on your garage floor using the diagram provided.
2. Remove the existing system by unbolting the mid-pipe from it's flange. Remove the mid-pipe, muffler and tailpipe from their rubber isolators and the entire system can be removed as one piece. Depending on your working conditions you may need to make cuts to remove the system. Make sure you retain the rubber isolators because they will be reused.
3. Begin your installation by reinstalling the factory rubber isolators to the same locations they were taken from during disassembly.
4. Next, assemble the MVR400 muffler and the TTD010F front tail pipe using the HVC76 muffler hanger followed by the TTD022R rear tail pipe and the HVC77 tail pipe hanger. Tighten the clamps just enough to hold the assembly in place so the wire hanger rods can be positioned into the factory rubber isolators.

Note: if the hangers are positioned correctly the connections for the tubing will line up with the rubber isolators.

5. The MFT22 mid pipe is "trim to fit" (Measure from the flange to the muffler leaving enough material to compensate for the slip fit connections . Remember to measure twice, cut once.
6. Now you can install the MFT22 mid pipe into the MVR400 muffler using the HTD086 hanger clamp. On most installations there is one mid pipe hanger not used. If it interferes with your installation you can remove it from the vehicle.
7. Finish the system by making all your final adjustments to the muffler, tailpipe and tip. Once you're satisfied with the alignment, finish tightening all the clamps. The use of air tools for this step is highly recommended. Next, start your vehicle and check for leaks. All clamps should be checked within the first 100 miles of driving and re-tightened as necessary.

ENJOY YOUR NEW PYPES PERFORMANCE EXHAUST!