

## SFT23V SFT23VB

409 Stainless Steel Cat-Back Exhaust System for  
2011-2014 Ford F150 5.0 Split Dual Cat Back



Before you begin please READ all instructions and confirm that all components were received in your new Pypes Performance Exhaust Cat-Back systems.



### Bill of Materials:

1 pr	EVT51B	Tips
1 ea	MFT25	Mid Pipe
1 ea	PVM51	Mid Pipe Extension
1 ea	TFM10LA	Tail Pipe
1 ea	TFM19LB	Tail Pipe
1 ea	TFM19R	Tail Pipe
1 ea	MVV70	Violator Muffler
2 ea	PVT10	Tailpipe Extension
5 ea	HVC50	2.5" U-Clamp
1 ea	HVC53	3" U-Clamp
3 ea	HVH17S	2.5" Hanger Clamp
2 ea	HVC21	2.5" Band Clamp
1 ea	HVH60	Tail Pipe Hanger
2 ea	HVH60R	Hanger Insulator
1 ea		3/8x1.5 Hex Bolt
3 ea		3/8 Nylock Hex Nut
4 ea		3/8 Flat Washers
2 ea		3/8x3 Hex Bolt

## PLEASE TRY INSTALLING OUR WAY FIRST!

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. Remove the tailpipe from the insulator and the entire unit can be removed as one. Depending on the working conditions you may need to make other cuts to remove the system. Make sure you retain the rubber insulators because they will be reused.

3. Begin your installation by reinstalling the factory rubber isolators onto the wire forms near muffler and factory tailpipe locations. Next, install the HVH60R to HVH60 hanger and mount the assembly using the supplied hardware to the large hole in the rear left side frame rail. The HVH60 opening should face the outside of the vehicle.

4. Next, install the TFM19R tailpipe on the passenger side one of the HVH17S hanger clamps. Next, install the TFM19LR then the TFM10LA using one of the HVC50 clamps and two of the HVH17S hanger clamps. Do not tighten clamp at this time.

5. Loosely install the MVV70 muffler and MFT25 mid-pipe by bolting it to the factory Y-Pipe flange so you can make your final cut making sure you leave enough material to compensate for the slip fit connections. Remember measure five times and cut once.

Note: We have included PVM51 as extra pipe increase the mid-pipe length but may not be needed.

6. Now you can permanently install the muffler and mid-pipe using the HVC53 U-Clamp for the mid-pipe to muffler connection and two HVC50 U-clamps for the muffler to tailpipe connections.

7. Next, install the two PVT10 tail pipe extensions using two HVC50 u-clamps as well as the EVT51B tips using the two HVC21 band clamps.

8. Finish the system by making all your final adjustment to the muffler, tailpipes and tips. Once you are 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 retightened as necessary.

**Note:** Pypes Performance Exhaust Cat-Back systems are designed to fit stock height vehicles with OEM hitches and spare tire combos. Vehicles with aftermarket components such as larger trailer hitches and spare tires or ride height changes may require modifications to the system for proper fit.



**Now it's time to fire up that truck and enjoy your  
new Pypes Performance Exhaust.**