



## **SFM50/ SFM54/ SFM54B** **409 Stainless Steel Ford Mustang V6 Cat Backs**

**SFM50: 96-04 3.8L V6 w/turndown tails**

**SFM54: 96-04 3.8L V6 w/3" Slip-fit Tips**

**SFM54B: 96-04 3.8L V6 w/3" Slip-fit Black coated Tips**

Thanks again for purchasing your new 409 stainless steel Pypes Performance Exhaust Ford Mustang cat-back system.. Please be sure to confirm all the components in the kit were received in your shipment before beginning installation. These kits include (2) Street Pro Mufflers, (2) tailpipes, (1) Y-pipe, (4) clamps, (1) bolt kit and (1) hanger kit. SFM54/SFM54B will also include (2) 3" slip-fit tips and (2) tip hangers. If you find any component missing, please contact our office at 800-421-3890 for replacement. Installation of this kit will require a few simple tools; jack stands, 9/16" wrench, deep socket with ratchet, 1/2" wrench and saws-all or hack saw. For a quicker and tighter installation, air tools are recommended. Technical assistance is available both online at [www.pypesexhaust.com](http://www.pypesexhaust.com) or 800-421-3890.

1. Begin by placing the vehicle on a lift or four jack stands at maximum height. This will aid in an easier installation. Note: Removal of the rear tires will allow the tailpipes to go over the axle much easier.
2. Unbolt the factory cat-back from the rear of your Y-pipe. Next remove the two clamps at the muffler. If you still have a factory system on the car, you will need to cut the muffler out of the system using a hack saw or saws-all. Finish by removing the tail pipe from the rubber hangers. Pypes Performance Exhaust has supplied a new HFH30 hanger kit. The two hangers with the diamond shaped rubbers get mounted in the factory locations near the axle. The two rectangular blocks get mounted under the rear bumper. The vehicle should have stamped holes to accept the supplied clip nuts and hardware. If your rear bumper is not stamped with the correct holes, you will need to drill ones to mount the supplied hangers. Once all the hangers are installed properly, move to the next step.
3. Now it's time to install your new cat-back. Begin with the tailpipes first, slipping the tail pipe over the rear axle. Once over the axle portion is in place, slide the wire form hangers through the rubber hanger on the car, which you have just installed. If you purchased a kit with 3" add on tips, slide the tips on to the tails and slide the additional hanger through the boss on the tip. Now install the hangers into the rubber mounts. A small amount of liquid soap will allow the hanger to slide through easier.
4. Next, install the mufflers onto the tail pipes. These kits were supplied with offset/ center mufflers. The center inlet must point towards the front of the car. Again, a small amount of liquid soap in the muffler inlet and outlet will allow for easier rotation when adjusting for the perfect fit.
5. Next, install the Y-pipe into the inlets of each muffler. A small amount of liquid soap will help here too. Some V6 years may require the Y-pipe legs to be cut shorter. Connect the flange on your new system with the factory Y-pipe and snug the nuts. Now install the four clamps on the muffler necks, snug the nuts, but DON'T TIGHTEN. Once these clamps are tightened you will not be able to adjust any of the components.
6. Last, make all your final adjustments for fit. Make sure the mufflers are flat and parallel to the ground. Rotating the mufflers and tailpipes slightly will get you the best fit. Also, make sure the tailpipes are positioned in the correct location under the rear bumper. Once you are satisfied with the fit, tighten all four clamps, tip hardware and the connection points at the Y-pipe. Air tools will allow the tightest clamping possible. Now it's time to fire up your Mustang. Remember to listen and check for exhaust leaks. Also, periodically check all connection points as they may come loose.

**Note:** Black residue at any of the connections indicate an exhaust leak.

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