

HDR72SK

2011-14 Mustang V6 Long Tube Step Headers



Pypes Performance Exhaust
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Thanks again for purchasing your new stainless steel Pypes Performance Exhaust Long Tube headers. Please be sure to confirm all the components in the kit were received in your shipment before beginning installation. If you find any components missing, please contact our office at 800-421-3890 for replacement. Technical assistance is available both on line at www.pypesexhaust.com or by calling 800-421-3890.

Pypes exhaust are designed for the savvy home installer but highly recommends hiring a professional, one that is familiar with the installation of high performance exhaust products. Headers are designed to increase the performance of your vehicle, and as such are designed differently than your stock exhaust system. Extra care must be taken to ensure that hoses, cables, electrical lines, fuel lines, hydraulic lines, or any other objects are not in contact with, or located too close to your installed system.

Disassembly

1. Start the disassembly process by disconnecting the negative battery cable, followed by the strut tower brace if your car is so equipped.
2. Next remove the heat shields from the top of the stock manifolds and the top row of nuts that hold on the manifolds. Save all the factory manifold nuts because you will reuse them along with the factory studs. Unplug the front O2 sensor plugs found on the back of the valve covers.
3. Now that the work from the top is complete it time to lift the vehicle either using jack stands or a lift. Work Safe when supporting the vehicle on jack stands. Double check your placement before sliding under the vehicle.
4. Disconnect the rear O2 sensor wires from the harness near the top of the transmission. Tech Note : with the exhaust system connected loosen the O2 sensors at this time. This will make them easier to remove later.
5. Next disconnect the cat back system by loosening the four nut at the butt clamps. Once lose slide the clamps toward the rear. Next remove the nuts at the manifold exits and the stock x-pipe can be removed.
6. Finish the disassembly by removing the bottom row of manifold nuts followed by the manifolds themselves.

Assembly

1. Now that you have the disassembly complete clean the cylinder head surface and all hardware.
2. Start by installing the supplied header gaskets on the factory studs followed by the headers from under the vehicle. Install the nuts and tighten both sides starting from the center and working your way toward the outside.
3. Transfer the front O2 sensors from factory x-pipe to the port in the collectors. Use a small amount of anti-seize on the threads of each O2 sensor. A little bit goes a long way.
4. Install the 6 pin extension cables to the sensor and the factory harness being careful to route them away from any object that could cause a bind of chaffing of the wires.
5. Next install the Pypes modular x-pipe using the two HVC21 band clamps and the supplies collector hardware leaving it loose enough for adjustments. *Note to install cats into your system order part number CVM10k or CVM11K. By ordering either of these part numbers converter installation is a simple cut and clamp operation.*
6. Install the rear O2 sensors and corresponding remaining extenders routing them in the same manner as the fronts.
7. Lastly install your cat back system using the two butt clamps adjusting as needed to get the proper aliment of the system. Once you are satisfied with the alignment and clearances tighten all hardware.
8. Reinstall the strut tower base if equipped and negative battery cable. Start your engine and check for leaks. Make sure to periodically check all hardware for the first 500 miles to ensure tightness. *NOTE: This header system is intended for off road use only and requires an aftermarket tuner to ensure maximum per formance for your engine. There are several commercially available tuners and tuning shops that can provide you with this service.*

