

XTERMINATOR® **OFF-ROAD X-PIPES** by FLOWTECH

53624 FORD MUSTANG 4.6L 2Valve 1999

NOTE: IT IS THE INTENT AND DESIRE OF THE MANUFACTURER THAT THIS PRODUCT BE USED IN COMPLIANCE OF ALL LOCAL, STATE, AND FEDERAL EMISSIONS LAWS AND REQUIREMENTS. THEREFORE:

This device is not legal for use on pollution-controlled vehicles. It is intended for use on racing only vehicles that will never be driven upon a highway. If you have any questions concerning how this effects you and your vehicle, contact the dealer from whom you purchased this device or contact the factory direct.

We realize that you had many choices when you made your purchase, we thank you for choosing FLOWTECH®. At FLOWTECH we've put our many years of performance exhaust experience into every product we build. We feel and know you will agree that FLOWTECH Products are the best you can buy at any price.

As a result of the restricted room available on some applications, you may experience a close fit to some body and chassis components. This is a normal condition. If this is your first time installing an exhaust product, it may be time consuming. While not complex, stick with it. As soon as you start your engine the reward of additional horsepower and performance will be well worth your efforts.

Read these instructions carefully before starting:

For the ease of installation, your vehicle must be raised a minimum of 24". Warning: Should you decide to install any exhaust products yourself, be warned that the original equipment jack that came with the vehicle is intended for emergency use only. The use of a frame jack, in conjunction with a floor jack as the main support, is highly recommended to minimize the accidental dropping of a vehicle while the installation proceeds. Never go under any vehicle that is supported by a bumper jack!

Tools required: 3/8" drive ratchet, 5/8" and 11/16" sockets, 5/8", assorted socket extensions, 10mm, 11/16", and 7/8" wrenches, lubricant (WD-40 or equivalent) and the proper lifting devices mentioned in the above paragraph.

1. Removing the factory H-pipe:

- A. Disconnect the battery to prevent accidental damage to electrical system.
- B. Remove the sensor units using the 7/8" wrench.
- C. Disconnect the stock H-pipe from the exhaust manifolds or headers using the 5/8" socket with the long extension to remove the four nuts.
- D. Remove the four nuts connecting the back of the H-Pipe to the tailpipe system using the 5/8" socket.
- E. Loosen the clamps that hold the air tube to the H-Pipe using a 10mm wrench.
- F. Push the tailpipe assemblies back towards the rear of car. Let the tailpipes swing down to allow clearance to slide the H-Pipe back and remove it from vehicle.

2. Installing your FLOWTECH Off-Road "Racing Only" X-Pipe.

- A. Place the forward left & right manifold extension tubes into the X-Pipe assembly. Do not tighten at this time.
- B. Place FLOWTECH Off-Road "Racing Only" X-Pipe into position.

- C. Attach the FLOWTECH Off-Road "Racing Only" X-Pipe to the exhaust manifolds or headers using the original mounting hardware, and tighten evenly.
- D. Connect the oxygen sensors to X-Pipe.
- E. Install the back of X-Pipe to the exhaust system using the four 7/16" nuts, bolts, and washers supplied with kit. Tighten evenly, making sure that the tailpipes align and have ample clearance (including the rear valance, if equipped).
- F. Using the 2½" muffler clamp, supplied with kit, tighten the X-Pipe manifold extension tubes to the X-pipe.
- G. Connect the battery cable.

When you have finished installing your FLOWTECH Off-Road "Racing Only" X-Pipe, take the vehicle for a road test. Listen carefully for any exhaust leaks or other strange noises and make corrections. When the vehicle has been driven for a few days, retighten the bolts.

How did we do? Your questions and input are always welcome at FLOWTECH. Our technical services department is open Monday through Friday, during the hours of 8:30 AM until 4:30 PM Central time. We can be reached at:

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Limitation of liability - Disclaimer: The regulation of emissions production, noise levels, and safety standards in undertaken by the federal government, each of the fifty state legislatures and by many local municipalities, towns, and counties.

FLOWTECH makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the states where they may be sold to the ultimate purchaser, the consumer unless expressly stated to the contrary in the FLOWTECH catalog, instruction, or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or nonconforming, in on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In the connection, retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, or repair.

The foregoing statement limits the liability of the manufacturer. California Vehicle Code Sections 27156 and 38391 prohibit the advertising, offering for "Sale, or Installation of any device which modifies a vehicle's emissions control system unless exempted. Unless otherwise noted, FLOWTECH exhaust products have not received an exemption from these code sections and are not legal for sale or use in California on vehicles originally equipped with catalytic converters. It is illegal, except for racing vehicles, which may never be driven upon a highway, to remove or otherwise render inoperative any emission control device on regulated motor vehicles (check catalog listings to insure proper application). In the other 49 states. Unless otherwise noted, FLOWTECH® Off-Road "Racing Only" X-Pipes are not legal for pollution controlled motor vehicles, except for racing vehicles, which may never be used upon a highway and are not intended or applicable for highway use.

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