



**P/N 12130FLT**  
**2005-10 Ford Mustang V6 Shorty Headers**



## **INTRODUCTION:**

Thank you for making Flowtech™ Headers your choice in a high performance exhaust system. Extensive dyno/track testing has enabled Flowtech™ to offer the most advanced design in headers for your application. Due to the restricted room available in the engine compartment; your headers may be close to some body and chassis components. This condition is normal. While the installation is not complex, it may be time consuming. However, as soon as you start your engine, the additional horsepower and improved performance will more than justify your efforts. Proper installation and maintenance will ensure a long life and maximum performance from your Flowtech™ Headers. If you have any questions, please call Technical Service line at 1-270-781-9741 or 1-866-464-6553.

## **BEFORE STARTING:**

Your vehicle must be raised a minimum of 36 inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure.

**CAUTION!** Your car should not be supported on a bumper jack. Prior to installing the headers, take the time to make a careful and complete inspection of both the engine and transmission mounts. Replace them, if they look worn or damaged. Otherwise, this may affect the header fitting into your vehicle properly.

## **HELPFUL HINTS FOR HEADER INSTALLATION AND MAINTENANCE:**

1. Verify the header part number with the part number on the box and invoice.
2. Unless otherwise noted, Flowtech™ Headers are designed to fit without modifying the header (denting, cutting). **DO NOT** modify the header. **Call the Technical Department at 1-270-781-9741 or 1-866-464-6553.**
3. Unless otherwise noted, Flowtech™ Headers are designed to fit with original equipment (i.e. oil pan, cylinder heads, mounts, bell housings, starter, etc.).
4. When using Flowtech™ Headers, it is recommended to use Flowtech™ gaskets for correct port match. When using other than the recommended Flowtech™ gaskets, match the gaskets to the head ports for a good seal.
5. Heat wrapping the header is not recommended, because it will prematurely fatigue the header.
6. We recommend high-temperature, red RTV silicone (sensor-safe) on both sides of the gasket to further ensure a proper seal.
7. Headers that are subjected to extreme conditions (mud, road salt, etc.) should be cleaned on a regular basis to help prevent corrosion.
8. When installing headers, use anti-seize on header bolts and Y-pipe bolts.

**PLEASE READ NOTES AND TEXT THOROUGHLY & CAREFULLY.**

## **DISASSEMBLY:**

1. Disconnect the battery.
2. Remove the bolt securing the dipstick tube from the driver's side cylinder head.
3. Pull the dipstick tube straight up and set aside.
4. Disconnect all oxygen sensors.
5. Disconnect the cat-back exhaust system by loosening the band clamp.

6. Unplug the connectors on the fuel injectors and coils.
7. Remove the bolts from the factory Y-pipe. Remove the Y-pipe from the vehicle.
8. Disconnect the emissions tube from the manifold.
9. Remove the stock exhaust manifolds and gaskets.

## **HEADER INSTALLATION:**

1. Install the headers and new gaskets.
2. Re-install the Y-pipe with the supplied hardware.
3. Reconnect the emissions tube.
4. Reconnect the oxygen sensors, coils, and fuel injectors.
5. Reconnect the battery.

## **PRIOR TO FINISHING CHECK LIST**

1. Check to ensure that no wires will come in contact with the headers.
2. Check to ensure that no heat shields (left and right sides) will come in contact with the headers.
3. Check to ensure that all emission hoses are installed properly.
4. Check to ensure that any and all electrical connections that were disconnected are properly reconnected.
5. Check to ensure that all oxygen sensor wires are looped and secured in a non-used and non-heated cavity or pocket.
6. Reconnect the battery. Start the car and check for leaks.

### **LIMITATION OF LIABILITY – DISCLAIMER:**

The regulation of emissions production, noise levels, and safety standards is 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 are approved for general use, or that its products comply with laws, regulations, or ordinances in the state where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the catalog, instruction sheet; 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 non-conforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, the 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, prohibits the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system, unless exempted, unless otherwise noted. FLOWTECH™ Headers that have not received an Executive Order (E.O.) exemption from these code sections are not legal for sale or use in California on vehicles originally equipped with catalytic converters, except for racing vehicles, which may never be driven upon a highway. Check with your local authorities to determine if these headers are legal for use in your particular area.

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