



THE PERFORMANCE EXHAUST COMPANY™

<b>12564 FLOWTECH I</b>	<b>STANDARD HEADERS</b>
<b>32564 FLOWTECH II</b>	<b>CERAMIC HEADERS</b>
<b>FORD PU F150/250/350 73-79 429-460</b>	<b>2 WD</b>

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

As a result of the restricted room available in some engine compartments, you may experience a close fit to some body and chassis components. This is a normal condition. If this is your first time installing a set of headers, 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. Proper installation and periodic maintenance will result in maximum performance and life from your FLOWTECH® Headers.

**READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING:**

**For ease of installation, your vehicle must be raised a minimum of 36". Warning: Should you decide to install any exhaust 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 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!**

**A. PREPARE THE VEHICLE FOR INSTALLATION:**

1. Disconnect the battery to prevent accidental damage to the electrical system. Remove the starter.
2. Remove the stock exhaust manifolds, center cross-member, (as per illustration "A") starter, and anti-sway bar.
3. Remove the headpipes from the mufflers and set aside.

**B. CHECK THE CONDITION OF THE ENGINE MOUNTS**

It is recommended that new engine mounts be installed before installing headers.

**C. HEADER INSTALLATION:**

1. Remove the right side motor mount bolt and nut. Place a floor jack under the engine and raise the right side of engine.  
**INSTALLATION NOTE:** You must use a flat board between the oil pan and the jack to prevent damage to the oil pan.
2. Starting from below, work the right side header into position.
3. Starting from below, work the left side header into position.
4. Replace the motor mount nut and bolt.
5. Remove transmission cross-member mount bolt and jack up the transmission.

**INSTALLATION NOTE:** You must use a flat board between the transmission pan and the jack to prevent damage to the transmission oil pan.

6. Cut the center cross-member as shown in illustration "B".
7. Holding the header collectors against the floor board of the truck, work the right side of center cross-member up and over the mounting bracket into position.  
**INSTALLATION NOTE:** Use caution not to smash or cut any lines or wiring.
8. Lower the transmission into position and replace all transmission, cross-member, and center cross-member bolts.
9. Reinstall the starter.
10. Place the gasket into position and start all mounting bolts, most restricted ones first.
11. Reroute the starter cable, so it will not come in contact with the header.
12. Reinstall the anti-sway bar and reconnect the battery.
13. Tighten all bolts.

**D. AFTER HEADERS ARE IN PLACE:**

1. Inspect all points with limited clearance. Relocate any points that have direct contact with the headers. Make sure there is adequate clearance around all lines (transmission, brake, fuel, and electrical wires). Reroute as necessary. Before installing your exhaust system, replace any fluids that you may have removed or lost.

**E. CONNECT THE EXHAUST SYSTEM:**

1. Bolt the reducers and gaskets to the header collectors.
2. Attach the exhaust system by either welding or clamping the exhaust pipes to the reducer adapters.

**IT IS RECOMMENDED THAT YOU USE HOT AIR KIT, FLOWTECH® PART NUMBER 10100, IF YOU WISH TO PROVIDE HEATED AIR TO THE AIR CLEANER INLET.**

When you have finished installing your headers, 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 header bolts. We find that periodically checking the bolts will prevent the flange from warping and the burning out of the header gaskets.



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Your questions and comments are always welcome at FLOWTECH®. Our technical service department is open Monday through Friday, during the hours of 8:30 a.m. until 4:30 p.m. Central Time.

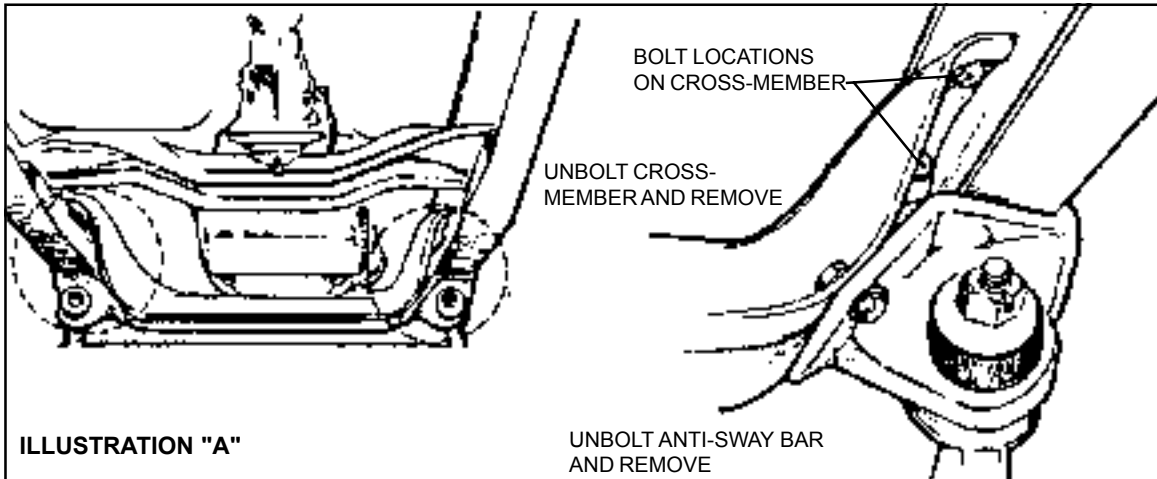


ILLUSTRATION "A"

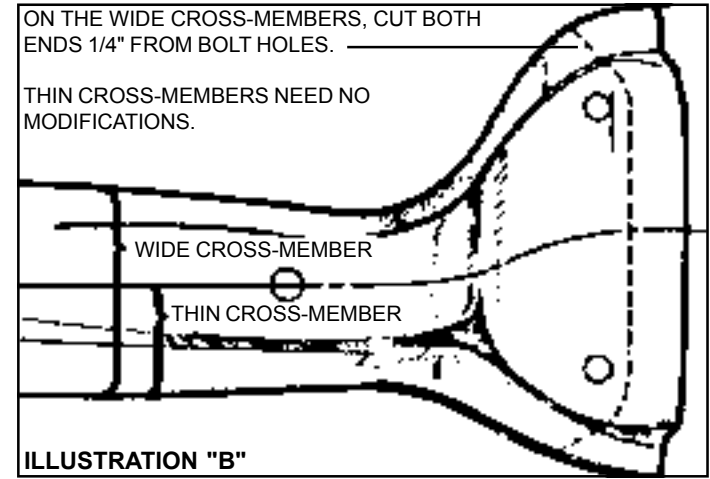


ILLUSTRATION "B"

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