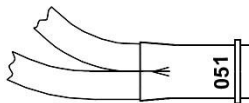




**12506FLT - FLOWTECH I STANDARD HEADERS  
32506FLT - FLOWTECH II CERAMIC HEADERS**

1977 1/2 - 79 Ford Pickup 2WD (1/2 & 3/4 ton)  
Fits 351 - 400M CID Engine



Code Location

Installation Instructions for Header Code Number: 051

**NOTE:** Fits all models with standard & automatic transmissions, power brakes, power steering, and air conditioning.

**NOTE:** Modification to stock exhaust required to retain stock catalytic converter.

**WARNING!** Breaking in an engine with ceramic-coated headers **WILL** result in damage to the coating and will **VOID** all warranties. Ceramic-coated headers require several heat cycles to fully cure before they will withstand extreme heat. FLOWTECH™ recommends using cast iron exhaust manifolds or old headers to break in new engines to avoid coating damage. Please call tech service at 270-781-9741 for additional information regarding ceramic-coated exhaust products.

**READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING:**

For the ease of installation, your vehicle must be raised a minimum of 36". **Warning:** Should you decide to install any exhaust product 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 a vehicle that is supported by only a bumper jack!

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

1. Disconnect the negative cable of the battery.
2. Remove the exhaust manifolds and exhaust pipes.
3. If equipped with a standard transmission, remove the clutch idler assembly.
4. Remove the crossmember under the bell housing.
5. Remove the starter.
6. Loosen the dipstick tube.

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

**INSTALLATION NOTE:** It is recommended that new engine mounts be installed before installing the headers.

**C. INSTALL THE RIGHT SIDE HEADER FROM BELOW:**

1. Some engines require the engine to be raised.
2. Hold the header and gasket in position and install the front and rear header bolts. **DO NOT** tighten at this time.
3. Reinstall the starter.
4. Install the balance of the header bolts and tighten progressively, until all are tight.

**D. INSTALL THE LEFT SIDE HEADER FROM BELOW:**

1. Hold the header and gasket in position and install the front and most restricted header bolts first. **DO NOT** tighten at this time.
2. Install the balance of the header bolts and tighten progressively, until all are tight.
3. Tighten the dipstick tube.
4. Reinstall the crossmember.

#### **E. AFTER HEADERS ARE IN PLACE:**

1. Before connecting the headers to the exhaust pipes, inspect all points with limited clearance. Relocate any points that have direct contact with the header. All engines are not mounted exactly the same at the factory, and it is sometimes necessary to loosen the motor mounts and move the engine slightly to one side or the other for maximum clearance. **If the motor mounts are worn or broken, they should be replaced.**

#### **E. CONNECT THE EXHAUST SYSTEM:**

1. Bolt the reducer adapters and gaskets to the collectors.
2. Attach the exhaust system by either welding or clamping the exhaust pipes to the reducer adapters.
3. Reinstall the spark plugs, dipstick, and dipstick tube.
4. Start the engine and let it idle, until it reaches normal operating temperature. Tighten all header bolts again. Periodically check the tightness of all header bolts.

When you have finished installing your FLOWTECH™ 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.

**IMPORTANT! Unless certified or exempted by the California ARB, Headers are not legal for sale in California on 1975 or later model vehicles, except for racing vehicles, which are not legal for use or operation on any highway. Pre-Catalyst vehicles must utilize original air injection system, if so equipped. It is the responsibility of the customer to reinstall the air injection device to his vehicle.**

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