



**12504FLT—FLOWTECH I STANDARD HEADERS
32504FLT—FLOWTECH II CERAMIC HEADERS**

**1980-95 Ford F100, 150, 250, & 350 Pickups 351W 2WD
1980-88 Ford F100, 150, 250, & 350 Pickups 351W 4WD
1980-95 Ford Bronco 351W 4WD**

Fits with standard transmission column / floor shift or automatic transmission column-shifted models only. Will fit with factory air conditioning.

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*® & Hooker® recommend using cast iron exhaust manifolds or old headers to break in new engines to avoid coating damage.

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

As a result of 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 the first time installing a set of headers, it may be timing consuming. While not complex, stick with it. As soon as you start your engine, the reward of the additional horsepower and performance will be well worth your efforts. Proper installation and periodic maintenance will result in the maximum performance and life of your *FLOWTECH*™ headers.

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 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 battery to prevent accidental damage to the electrical system
2. Unbolt the headpipe from the stock exhaust manifold and move aside. Remove the stock exhaust manifold.

INSTALLATION NOTE: Before removing manifolds, you must disconnect the choke heat tubes or the oxygen sensor (at the connector); whichever applies to your truck.

3. Remove dipstick tube and spark plugs.
4. On carbureted applications, remove the starter and air cleaner.
5. On 4WD vehicles, remove the front driveshaft.

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. While the header is still loose, install the starter from below.
2. Place the gasket into position and check the port install the front and rear header bolts (supplied). Tighten all header bolts progressively and evenly, until all are tight.

D. INSTALL THE LEFT SIDE HEADER FROM BELOW:

1. Install from below by placing the gasket into position and install the front and rear header bolts (supplied). Tighten all header bolts progressively and evenly, until all are tight.

INSTALLATION NOTE: On 4-speed applications, it may be necessary to remove the two bolts attaching the clutch linkage to the bell housing before installing the header. Replace the linkage after the header is in place.

2. Replace the front driveshaft.

NOTE: On Ford F250 & F350 models only: If the front driveshaft is in close proximity to the left header, please check the vehicle ride height and correct to factory specifications. Sagging springs may cause the driveshaft to come in contact with the headers.

E. 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 might have removed or lost.**
2. All engines are not mounted exactly the same from 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 (using the gasket, nuts, and bolts supplied) to the collectors.
2. Connect the exhaust system by either welding or clamping the exhaust pipes to the reducer adapters.
3. Reinstall the spark plugs and air cleaner.