



SHORTY STYLE EMISSIONS LEGAL HEADERS

Part Number

91667FLT Standard Finish and 91667-1FLT Ceramic Finish

Ford

F150, 250	1996	5.0L	2 and 4 Wheel Drive
Bronco	1996	5.0L	4 Wheel Drive

91668FLT Standard Finish and 91668-1FLT Ceramic Finish

Ford

F150, 250	1996	5.8L	2 and 4 Wheel Drive
Bronco	1996	5.8L	4 Wheel Drive

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 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 the maximum performance and life of your headers.

READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING:

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 Flowtech tech service at 270-781-9741 for additional information regarding ceramic coated exhaust products.

For the ease of installation, your vehicle must be raised a minimum of 24". 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 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!

1. PREPARE THE VEHICLE FOR INSTALLATION:

- Disconnect the battery to prevent accidental damage to the electrical system.
- From below, remove the exhaust pipes from the manifolds.
- Unbolt the spark plug wire looms. Tag and remove spark plug wires from spark plugs and position out of the way.

2. CHECK THE CONDITION OF THE ENGINE MOUNTS

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

3. LEFT SIDE HEADER INSTALLATION:

- Remove oil dipstick and tube.
- Unbolt exhaust manifold and remove.
- Clean the cylinder head of any grease, rust, and gasket material that may be present.
- It will be necessary to straighten the dipstick bracket for header clearance. See figure 1.
- Install the gasket and header using the header bolts supplied. Torque to the factory specifications. (30-35 ft./lbs.)
- Install dipstick and tube. Check clearances.

4. RIGHT SIDE HEADER INSTALLATION:

- Unbolt the E.F.I. plenum support.
- Unbolt the exhaust manifold and remove.
- Clean the cylinder head of any grease, rust, and gasket material that may be present.
- Temporarily install the header using two bolts. This is to determine if modification is necessary to fit plenum support.
- Modify plenum support. Grind bottom end of support bracket to clear larger tubes. Bend the bottom end of bracket to fit. See figure 2.
- On part number 91667FLT, the secondary A.I.R. tube bracket will need to be ground to clear larger tube.
- On part number 91668FLT, the secondary A.I.R. tube has a plastic diverter valve at the rear. This valve must be moved away from the header by using the steel bracket included. This bracket will bolt to the tubes original location and the tube will be mounted to the bracket.
- When the above modifications have been completed, remove the header and reinstall the gasket and header using the header bolt supplied. Torque to the factory specifications.
- Reinstall the E.G.R. fitting onto the header.

5. CONNECT THE EXHAUST SYSTEM:

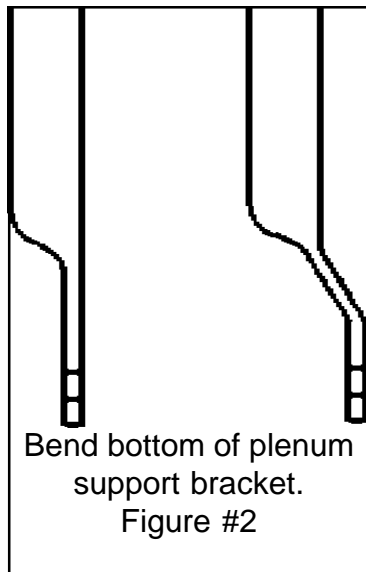
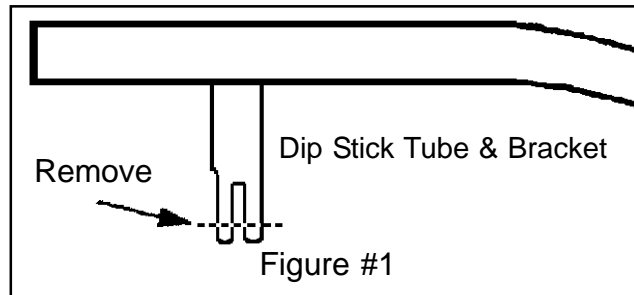
- From under the vehicle, reinstall the exhaust system to headers using the supplied bolts, and nuts.

6. AFTER HEADERS ARE IN PLACE:

- 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.

B. Reconnect the battery cable.

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 header gaskets from burning out.



Header Kit Contents

Qty	Description
1	Driver's side header
1	Passenger's side header
2	Header gaskets
16	3/8" x 1" header bolts
4	7/16"-14 x 2½" cap screws
4	7/16"-14 Nuts
1	Secondary A.I.R. tube bracket and bolt. (91668FLT)

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How did we do? Your questions and comments are always welcome at FLOWTECH®. Our technical services department is open Monday through Friday, during the hours of 8:30 a.m. until 4:30 p.m. central time. We can be reached at:

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