



**YOUR PERFORMANCE EXHAUST COMPANY™**

**SHORTY STYLE EMISSIONS LEGAL HEADERS**

**Part Number**

**91830FLT Standard Finish and 91830-1FLT Ceramic Finish**

Chevy/GMC 1500/2500 PU	88-95	5.7L	w/o A.I.R. injection
Suburban	92-95	5.7L	w/o A.I.R. injection
Blazer/Jimmy Full-Size	92-94	5.7L	w/o A.I.R. injection
Tahoe/Yukon	95	5.7L	w/o A.I.R. injection

**91831FLT Standard Finish**

Chevy/GMC 1500/2500 PU	88-95	5.7L	w/ A.I.R. injection
Suburban	92-95	5.7L	w/ A.I.R. injection
Blazer/Jimmy Full-Size	92-94	5.7L	w/ A.I.R. injection

**91832FLT Standard Finish and 91832-1FLT Ceramic Finish**

Chevy/GMC 1500/2500 PU	96-98	5.7L	w/o A.I.R. injection
Suburban	96-98	5.7L	w/o A.I.R. injection
Tahoe/Yukon	96-98	5.7L	w/o A.I.R. injection

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, 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 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 a 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:**

- A. Disconnect the battery to prevent accidental damage to the electrical system.
- B. From below, remove the exhaust pipes from the manifolds.
- C. From above, remove the top half of the fan shroud. Remove the serpentine belt.
- D. Unbolt the spark plug wire looms. Tag and remove the spark plug wires from the spark plugs and position out of the way.
- E. Remove the A.I.R. tube from the manifold (P/N 91831FLT only).
- F. Remove the rear power steering bracket from the manifold studs and the power steering pump.

**INSTALLATION NOTE:** It may be necessary to loosen the alternator/power steering pump from the engine and pull it outward.

- G. After the rear power steering bracket is removed, it will be necessary to modify it, as shown in Drawing "A".
- H. Remove the oxygen sensor(s), if equipped.
- I. Remove the flexible hot air tube. Do not discard.
- J. Remove the dipstick and tube.
- K. Unbolt and remove the manifolds.
- L. Clean the cylinder, so that it is free of any grease, rust, and gasket materials.
- M. Drill the oxygen sensor fitting on the headers, if the sensor is to be used.

**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:**

- A. Using five of the header bolts supplied, install the driver's side header and gasket. Do not install the front bolt at this time.
- B. Using one of the factory studs and the 1" tubular spacer supplied, install in the front mounting hole and torque to the factory specs (30-35 ft./lbs.).
- C. Reinstall the power steering bracket and pump. The rear bracket will only mount on one stud on the manifold.
- D. Reinstall the oxygen sensor (if equipped) and the A.I.R. tube (P/N 91831FLT only).

**4. RIGHT SIDE HEADER INSTALLATION:**

- A. Install the passenger's side header and gasket using the bolts supplied. Torque to factory specs (30-35 ft./lbs.)
- B. Reinstall the A.I.R. tube (P/N 91831FLT only).
- C. Install the heat stove with the hose clamp.
- D. Shorten the flexible heat tube by approximately 3.5" and install.
- E. Install the spark plug wires and looms using 1/4" x 1" cap screws and 1/2" tubular spacers supplied.
- F. Install the serpentine belt and the fan shroud.

**INSTALLATION NOTE:** On Suburbans, make sure the heater hoses are routed away from the header.

**5. CONNECT THE EXHAUST SYSTEM:**

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

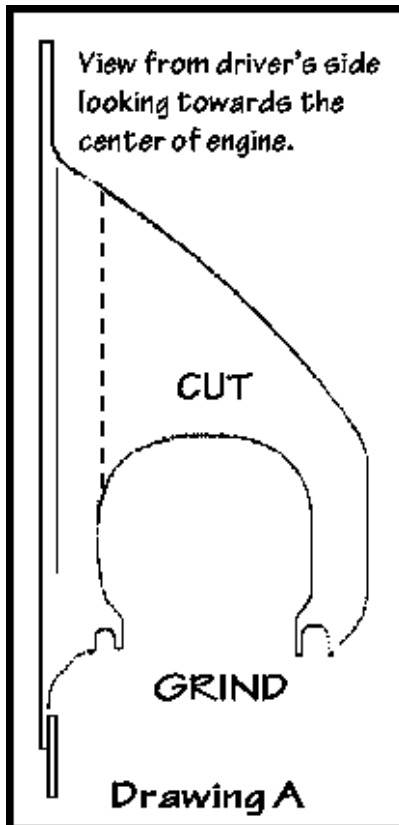
## 6. AFTER HEADERS ARE IN PLACE:

- A. 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.

**INSTALLATION NOTE:** 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 burning out of the header gaskets.



### Header Kit Contents

Qty	Description
1	Driver's side header
1	Passenger's side header
2	Header gaskets
11	3/8" x 1" header bolts
6	5/16"-18 x 2" cap screws
6	5/16"-18 nuts
12	5/16" flat washers
4	1/4"-20 x 1" cap screws
1	P/S bracket spacer
1	heat stove
1	hose clamp

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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:

**FLOWTECH**  
by **Holley**

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