



THE PERFORMANCE EXHAUST COMPANY™

## UNIVERSAL FIT "STREET ROD" BLOCK HUGGER HEADER

Part Number 11030 and 31030

DESIGNED FOR CUSTOM INSTALLATIONS UTILIZING A  
CHEVROLET 396-454 BIG BLOCK V-8 ENGINE

We realize that you have many choices when you bought your headers and we thank you for buying FLOWTECH®. At FLOWTECH, we put our many years of performance exhaust experience into every product we build. We know that 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 from your FLOWTECH Headers.

### READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING:

**For ease of installation, your vehicle may need to 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 CAR FOR INSTALLATION:

- Disconnect the battery to prevent accidental damage to the electrical system.
- Remove the spark plugs and sparkplug shields.
- Remove the dipstick and, if necessary, the dipstick tube.
- Unbolt the headpipe from the stock exhaust manifold and remove the manifold.

#### 2. CHECK THE CONDITION OF THE MOTOR MOUNTS

**INSTALLATION NOTE:** We recommend new engine mounts be installed before installing the headers.

#### 3. LEFT AND RIGHT SIDE INSTALLATION:

- Place the gasket into position. Install the front and rear header bolts. Do not tighten.
- Install the balance of the header bolts. Do not tighten.
- Tighten all header bolts progressively and evenly, until they are tight.
- Connect the battery cable.

#### 5. 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.**

- Bolt the reducer adapters and the gaskets to the collectors. Connect to the exhaust system by clamping or welding the exhaust pipes to the reducer adapters.
- Reinstall the spark plugs and dipstick tube.

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. We find that periodically checking the bolts will prevent the flanges from warping and the burning out of the headers gaskets.

**LIMITATION OF LIABILITY - DISCLAIMER:** The regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns and counties.

FLOWTECH by Holley makes no warranties of merchantability, of fitness for particular purpose, Or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the states where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the FLOWTECH catalog instruction sheet or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or nonconforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor or manufacturer.

In the connection retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations or repair.

The foregoing statement limits the liability of the manufacturer. California vehicle code sections 27156 and 38391 prohibit the advertising. Offering for sale, or installation of any device which modifies a vehicle's emissions control system unless exempt and unless otherwise noted, FLOWTECH headers have not received an exemption from these code sections and are not legal for sale or use in California on vehicles originally equipped with catalytic converters. It is illegal, except for racing vehicles, which may never be driven upon a highway, to remove or otherwise render inoperative any emission control device on regulated motor vehicles (Check catalog listings to insure proper application). In the other 49 states, unless otherwise noted, FLOWTECH headers are not legal for pollution controlled motor vehicles, except for racing vehicles which may never be used upon a highway and are not intended or applicable for highway use.

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



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