



11102 FLOWTECH® I - STANDARD FINISH HEADER 31102 FLOWTECH II - CERAMIC FINISH HEADER

BUICK REGAL 78-87 w/305-350 CHEVY

OLDS CUTLASS/442 78-87 w/305-350 CHEVY

CHEVROLET CAMARO 82-91 305-350

PONTIAC FIREBIRD/TA 82-91 w/305-350 CHEVY

CHEVROLET CHEVELLE 73-87 305-350

PONTIAC GRAND PRIX 78-87 w/305-350 CHEVY

CHEVROLET MONTE CARLO & SS 83-88 305-350

PONTIAC LE MANS 78-87 w/305-350 CHEVY

NOTE: MODELS WITH A.I.R. TUBE RUNNING ALONG FRAME, IT WILL BE NECESSARY TO RELOCATE TO CLEAR HEADER

We realize that you had many choices when you chose your headers, we thank you for choosing ours. At FLOWTECH® we put many years of performance exhaust experience into every product we build. We feel and 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 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 FLOWTECH headers.

READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING:

For 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 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.
- If the vehicle is equipped with air conditioning, remove the compressor from the mounting bracket (**Do not disconnect from the refrigerant lines**) and lay it aside.
- If equipped with power steering, loosen the tension adjustment nut.
- Remove the dipstick and if necessary, the dipstick tube.
- Unbolt headpipe from the stock exhaust manifold and move it aside. Remove the stock exhaust manifold.
- If your vehicle is equipped with an oxygen sensor unit, remove the unit and install it in the welded adapter on the header.
- Remove the starter.
- Remove the bolt from the steering shaft and slide the coupling down. (Approximately 1/2 inch if needed).

2. CHECK THE CONDITION OF THE MOTOR MOUNTS

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

3. INSTALL THE LEFT SIDE FROM ABOVE:

- Place the gasket into position, and install the front and rear header bolts. Do not tighten.
- Install the balance of the bolts. Do not tighten.
- If vehicle is equipped with power steering and/or air conditioning, trim the stock air conditioning and power steering brackets to clear the headers as recommended in illustration "A". Use two stock manifold bolts and two spacers (not provided). Grind the spacers flat on the tube side for clearance.
- Tighten all the header bolts progressively and evenly until they are tight.

4. INSTALL THE RIGHT SIDE FROM BELOW:

- Place the gasket into position. Install the front and rear header bolts. Do not tighten.
- Install the balance of the bolts. Do not tighten.
- Reinstall the starter and connect the wires.
- Tighten all the 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 exhaust system, replace any fluids that may have been 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.
- Replace the temperature sending unit wire.
- Reinstall the spark plugs and dipstick tube.
- Replace the steering shaft coupling and **tighten the bolt.**

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 flange from warping and the burning out of the header gaskets.



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 AM UNTIL 4:30 PM CENTRAL TIME. WE CAN BE REACHED AT:

1801 Russellville Road • Bowling Green, KY 42102

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flowtech@support.holley.com

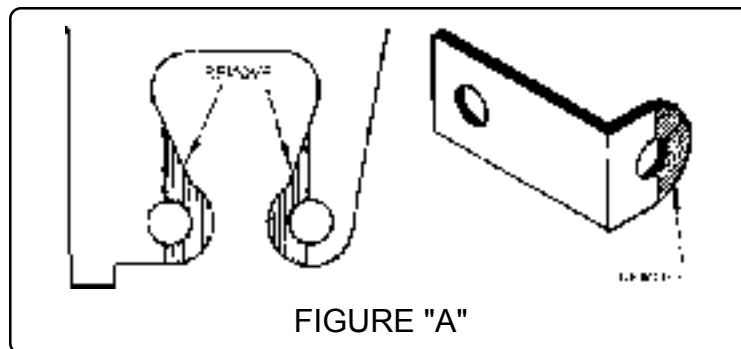


FIGURE "A"

FLOWTECH
by **Holley**

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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.