



THE PERFORMANCE EXHAUST COMPANY™

**13550 FLOWTECH I™ - STANDARD FINISH HEADERS
1972-1980 AMERICAN MOTORS JEEP CJ-5, CJ-6 AND CJ-7
304-401 STANDARD OR AUTOMATIC TRANSMISSION
FENDERWELL EXIT**

RECOMMENDED REPLACEMENT GASKET - MR. GASKET P/N 851

We realize that you had many choices when you chose your headers, and we thank you for purchasing *FLOWTECH*®. At *FLOWTECH*®, we put our 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 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 periodical maintenance will result in maximum performance and life from 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 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 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!

INSTALLATION NOTE: If it is required that you retain the heat to the air cleaner (TAC), purchase *FLOWTECH*® hot air kit #10100.

CHECK THE CONDITION OF THE ENGINE MOUNTS

1. PREPARE THE CAR FOR INSTALLATION:

- A. Disconnect the battery to prevent accidental damage to electrical system.
- B. Unbolt headpipe from the stock exhaust manifold and move aside. Remove stock manifold. Remove the spark plugs and clutch linkage (if so equipped). Remove the dipstick tube, shift linkage (if automatic equipped), fenderwell brace, carbon canister, and bracket on the firewall.
- C. Trim the rear of front fenderwells (both sides) for header exit clearance. See illustrations "A" and "B".

2. CHECK THE CONDITION OF THE ENGINE MOUNTS

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

3. LEFT SIDE HEADER INSTALLATION:

- A. Starting from below, work the header into position over the exhaust ports.
- B. Place the gasket into position. Install the front and rear header bolts, but do not tighten.
- C. Install the balance of the bolts, but do not tighten.
- D. Tighten all the header bolts progressively and evenly until they are tight.
- E. Replace the dipstick tube, fenderwell brace, clutch or shift linkage, and carbon canister w/bracket on the firewall.

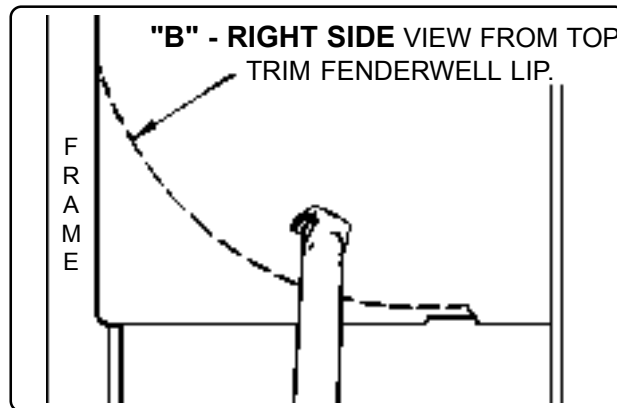
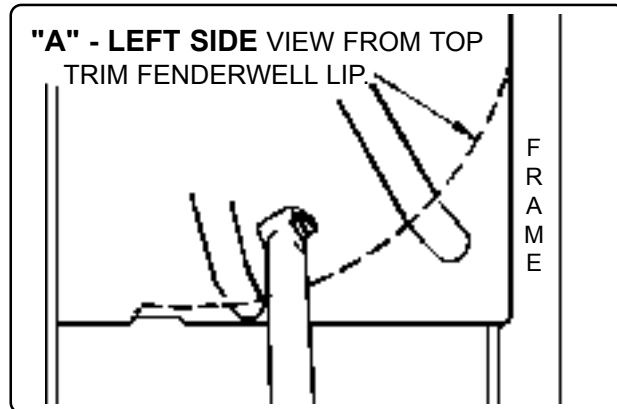
4. RIGHT SIDE HEADER INSTALLATION:

- A. Starting from below, work the header into position over the exhaust ports.
- B. Place the gasket into position. Install the front and rear header bolts, but do not tighten.
- C. Install the balance of the bolts, but do not tighten.
- D. Tighten all the header bolts progressively and evenly until they are tight.
- E. Replace the fenderwell brace.

5. 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. Before installing your exhaust system, replace any fluids that you may have removed or lost.
- B. Reinstall the spark plugs and connect the battery cable.

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:

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FLOWTECH
by **Holley**

THE PERFORMANCE EXHAUST COMPANY™
1801 Russellville Road, Bowling Green, KY 42102
270-781-9741 or Fax: 270-781-9772 or Email:
flowtech@support.holley.com