

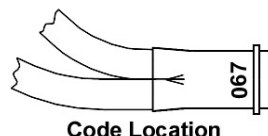


13502FLT—FLOWTECH I STANDARD HEADERS
33502FLT—FLOWTECH II CERAMIC HEADERS

Jeep CJ

Installation Instructions for Header Code Number: 067

1972-79 Jeep CJ-5, CJ-6, & CJ-7
4WD
Fits 290-401 CID Engine



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®* & *Hooker®* recommend using cast iron exhaust manifolds or old headers to break in new engines to avoid coating damage. Please call tech service at 270-781-9741 for additional information regarding ceramic-coated exhaust products.

READ THESE INSTRUCTIONS CAREFULLY BEFORE STARTING:

For the 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 a vehicle that is supported by only a bumper jack!**

A. PREPARE THE VEHICLE FOR INSTALLATION:

1. Disconnect the negative cable of the battery.
2. Remove the spark plugs.
3. Remove the smog manifolds, if equipped with smog air pump.
4. Remove the exhaust manifolds and exhaust pipes.
5. If equipped with a standard transmission, remove the clutch idler assembly.
6. Remove the crossmember under the bell housing.
7. Remove the starter wire.

B. CHECK THE CONDITION OF THE ENGINE MOUNTS:

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

C. INSTALL THE RIGHT SIDE HEADER FROM BELOW:

1. While the header is being placed into position, reinstall the smog manifold tubes into the 3& 4 header pipe.
2. Disconnect the front drive shaft at the universal joint.
3. If equipped with automatic transmission, remove the vacuum modulator. A very small amount of transmission fluid will leak out after the modulator is removed.

4. Loosen the fan shroud and remove the motor mount bolts. Raise the right side of the engine approximately 1".
5. Hold the header and gasket in position and install the most restricted header bolts. **DO NOT** tighten at this time.
6. Lower the engine and install the balance of the header bolts. Tighten the header bolts progressively, until all are tight.
7. Reinstall the starter and connect the wires. Connect the front drive shaft.
8. Replace the motor mount bolts.
9. Tighten the fan shroud.

D. INSTALL THE LEFT SIDE HEADER FROM BELOW:

1. Hold the header and gasket in position and install the most restricted header bolts. **DO NOT** tighten at this time.
2. Install the balance of the header bolts and tighten progressively, until all are tight.
3. If equipped with standard transmission, reinstall the clutch idler assembly.
4. If equipped with the smog air pump, reinstall the smog manifolds. On some models, only seven smog fittings will be utilized. Plug the open smog fittings on the header with a 9/16" NF bolt.

E. AFTER HEADERS ARE IN PLACE:

1. Before connecting the headers to the exhaust pipes, inspect all points with limited clearance. Check around the header tubes for wires, brake lines, etc. In some cases, it may be necessary to relocate items that may be affected by the heat of the exhaust system.

E. CONNECT THE EXHAUST SYSTEM:

1. Bolt the reducer adapters and gaskets to the collectors.
2. Attach the exhaust system by either welding or clamping the exhaust pipes to the reducer adapters.
3. Reinstall the spark plugs.
4. Start the engine and let it idle, until it reaches normal operating temperature. Tighten all header bolts again. Periodically check the tightness of all header bolts.

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.



How did we do? Your questions and comments are always welcome at FLOWTECH®. Our technical service 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:

1801 Russellville Road • Bowling Green, KY 42102
PHONE: 270-781-9741 • FAX: 270-781-9772
EMAIL: flowtech@support.holley.com

IMPORTANT! Unless certified or exempted by the California ARB, Headers are not legal for sale in California on 1975 or later model vehicles, except for racing vehicles, which are not legal for use or operation on any highway. Pre-Catalyst vehicles must utilize original air injection system, if so equipped. It is the responsibility of the customer to reinstall the air injection device to his vehicle.

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