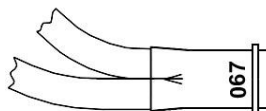




13502FLT—FLOWTECH I STANDARD HEADERS
33502FLT—FLOWTECH II CERAMIC HEADERS

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

Installation Instructions for Header Code Number: 067



Code Location

NOTE: Modification to stock exhaust required to retain stock catalytic converters.

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.

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.