



# PART# 69510, 69516 & 69518 INSTRUCTION SHEET JEEP 1976-86 283-400 CJ 5 - 6 - 7 CID CHEVY V-8 2 & 4WD

Use with Trans-Dapt motor mount #9721 for J series ONLY. Use with Trans-Dapt motor mount #4100 for all other Jeep applications.

Thank you for making Hedman Hedders your choice in a high performance exhaust system. Extensive Dyno/Track testing has enabled Hedman to offer the most advanced design in headers for your Jeep with a Small Block Chevy engine transplant. The headers were designed to utilize Trans-Dapt motor mounts or any other mounts which locate the center of the crank shaft approximately four inches above the bottom of the frame rails. The steering shaft must be located below the spark plug, area to avoid contact with header tubes. Due to the restricted room available in the engine compartment, your headers may be close to some body and chassis components. This condition is normal. Installation, while not complex, may be time consuming. However, as soon as you start your engine, the additional horsepower and improved performance will more than justify your efforts. Proper installation and maintenance will insure long life and maximum performance from your Hedman Hedders!

**CAUTION!** This is a custom designed exhaust header system, designed for this particular application (s). Do not bend, bang, cut, dent, drill or heat any portion of this header! Any alteration other than those suggested in this instruction sheet will void the Hedman Lifetime Guarantee!  
To prevent leaks, install your headers using Hedman Hedders exhaust gaskets ONLY and a spray copper gasket sealant.

**BEFORE STARTING INSTALLATION:**  
It is necessary to raise the vehicle at least 36 inches from the ground. A floor hoist is recommended, if not available, use a hydraulic floor jack with jack stands. **DO NOT USE A BUMPER JACK!**

## INSTALLATION INSTRUCTIONS:

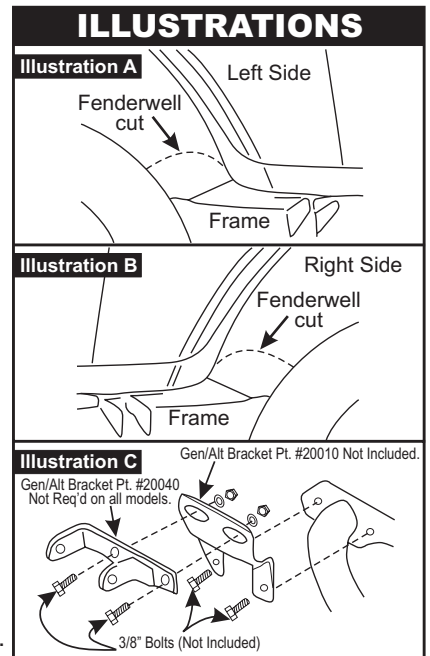
1. Disconnect battery to prevent electrical system damage.
2. Remove alternator or generator (if mounted on exhaust manifold), spark plugs, steering shaft, oil dip stick tube, and entire stock exhaust system. You may remove front tires for your convenience and ease of installation.
3. Use an air chisel, cutting torch, or saw to cut out fenderwells. (See illustrations)

### RIGHT SIDE:

1. Starting from above, work header down into position with a twisting motion, start all bolts (most restricted first) and tighten evenly.

### LEFT SIDE:

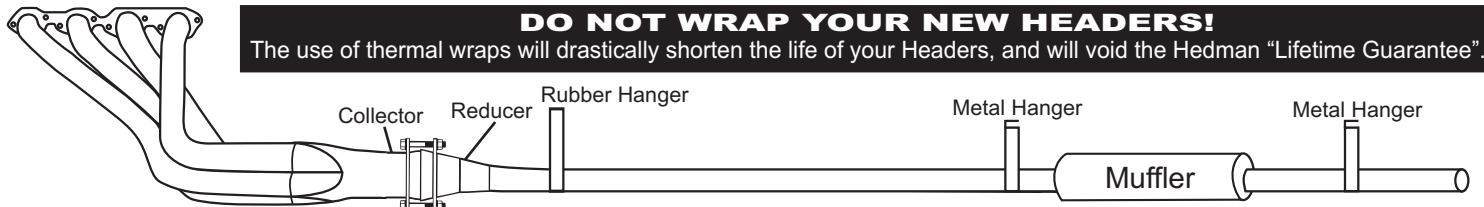
1. Starting from above, work header down through hole in fenderwell into position, insert gasket, start all header bolts, then tighten evenly.
2. Re-install spark plugs, steering shaft, oil dip stick tube, and front tires if removed. If generator or alternator was mounted on left exhaust manifold, use Hedman generator/alternator bracket #20010 (not included). If generator/alternator was mounted on right exhaust manifold, purchase Hedman generator/alternator bracket #20020 to re-install on engine.
3. Hook up headers to the exhaust system.
4. Connect battery. Be sure all brake lines, fuel electrical wires have sufficient clearance.
5. Body mounts will require trimming to clear collectors.
6. Start engine, test drive vehicle, allowing engine to gain normal operating temperature. Check for leaks and new or unusual noises and after test drive, re-tighten all header bolts.



**ENJOY YOUR HEADERS WHILE COMBINING INCREASED FUEL ECONOMY WITH BETTER PERFORMANCE.**

## SPECIAL INSTRUCTIONS!

After installing your headers it is very important that your exhaust system be suspended properly. As indicated in the drawing below you must place hangers as close to the header collector as possible. Rubber hangers should be used to allow the front of the system to flex with the engine torque. A hanger is needed before and after the muffler (s). When your exhaust system is unbolted from the header collector, it should remain suspended all by itself. Your Headers Are Not designed to support your exhaust system. Failure to follow these instructions will most likely result in cracks around the area where your primary tubes and collector are welded together, and will nullify your "Lifetime Guarantee".



**WARNING:** Not applicable or intended for street or highway use. Legal only for racing vehicles which may never be used upon a public highway.