



PART # 89270, 89276 & 89278
INSTRUCTION SHEET
1980-95 FORD 1/2, 3/4 & 1 TON (351W)
2 & 4WD

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 Hedderson 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!

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. Hedman Hedderson recommends using a cast-iron exhaust manifold or an old header to break in new engines to avoid coating damage.

PRE-INSTALLATION INSTRUCTIONS:

- 1. Disconnect battery, spark plugs (Number wires), and oil dip stick tube.
- 2. Disconnect exhaust head pipes and exhaust manifolds.

INSTALLATION INSTRUCTIONS:

LEFT SIDE:

- 1. On 4W/D models, drop the front drive shaft and push aside.
- 2. With gasket in place, install header from bottom of engine. Start all header bolts, and tighten evenly. **Note:** To work header into place on Broncos with 4 speed transmission, remove the two bolts holding clutch linkage to bell housing and let linkage hang free until header is in place.
- 3. Re-install front drive shaft, dip stick tube and spark plug wires. On some models it may be necessary to bend dip stick tube and brake or fuel lines for adequate clearance.

RIGHT SIDE:

- 1. Remove air cleaner.
- 2. With gasket in place, install header, start all header bolts and tighten evenly.
- 3. Replace spark plug wires and air cleaner.
- 4. Make sure all hoses, brake and fuel lines have sufficient clearance.
- 5. Install reducer and fabricate your remaining stock lead pipe to connect to your Hedman Heddersons.
- 6. Start engine, test drive vehicle, allowing engine to gain normal operating temperature. Check for leaks and new or unusual noises. After test drive allow engine to cool and re-tighten all header bolts.

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

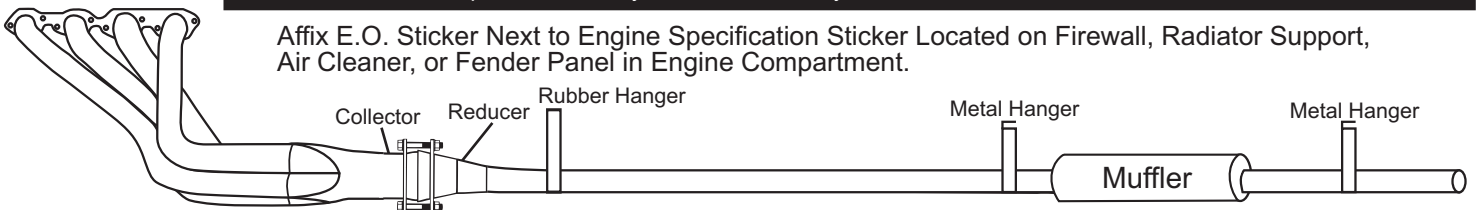
SPECIAL INSTRUCTIONS!

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".

DO NOT WRAP YOUR NEW HEADERS!

The use of thermal wraps will drastically shorten the life of your Headers, and will void the Hedman "Lifetime Guarantee".

Affix E.O. Sticker Next to Engine Specification Sticker Located on Firewall, Radiator Support, Air Cleaner, or Fender Panel in Engine Compartment.



WARNING: Removal of catalytic converters and other factory air pollution control devices is illegal. We recommend you adhere to your state's local laws. Our testing indicates performance is not significantly affected by these devices.