



**PART # 89210, 89216 & 89218
INSTRUCTION SHEET
1977½-79 FORD 1/2 - 1 TON P/U &
BRONCO 4 WD ONLY (351-400M)**

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 Heddgers 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:

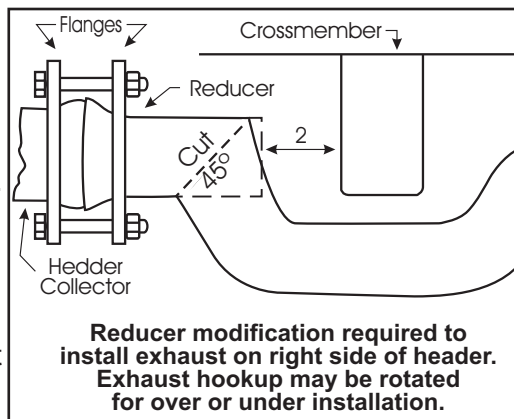
1. Disconnect battery, remove spark plugs (Number Wires) and starter.
2. Disconnect exhaust head pipes and move from work area. Remove stock exhaust manifolds.

LEFT SIDE:

3. From below engine, work left header up through chassis into position.
4. With gasket in place, start all header bolts. Most restricted First. Tighten all header bolts evenly.

RIGHT SIDE:

5. Position a jack (with wood block) under oil pan. Remove motor mount and motor mount tower. Raise engine as high as possible.
6. Starting from below, work header up through chassis into position. Insert gasket and start one header bolt to keep hedder from falling.
7. With header loose, install starter. Start header bolts, most restricted first.
8. Replace motor mount tower and motor mount. Lower engine and bolt in place It may be necessary to reverse motor mount tower bolts for adequate clearance.
9. Make sure all brake and fuel lines and electrical wiring have sufficient clearance.
10. Connect battery and replace spark plugs.
11. Hook up headers to your exhaust system. **See Illustration.**
12. 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.



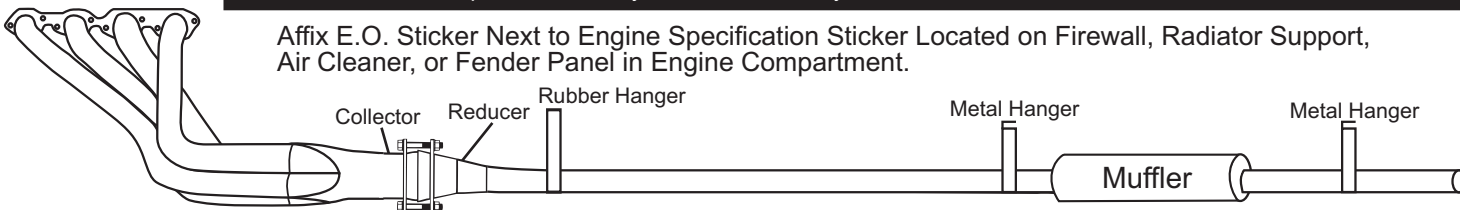
ENJOY YOUR HEADERS WHILE COMBINING INCREASED FUEL ECONOMY WITH BETTER PERFORMANCE.

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".



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.