



# PART # 89490 & 89496 INSTRUCTION SHEET

FORD 1997-03 F-150 & F-250 4.6L - 2WD  
FORD 1997-03 1/2 - 1 TON, BRONCO 4.6L - 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 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!

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

### INSTALLATION INSTRUCTIONS:

1. Disconnect ground cable from battery.
2. Use WD-40 on all nuts and bolts to be removed. This will prevent the possibility of broken or stripped nuts and bolts.
3. Unbolt stock Y-pipe and move as far to the rear as possible.

#### LEFT SIDE:

1. Remove stock exhaust manifold, dipstick and dipstick tube. Disconnect E.G.R. tube from fitting manifold.
2. Carefully remove E.G.R. fitting from stock manifold using a box wrench.
3. Using WD-40, install E.G.R. fitting in header and tighten securely.
4. Using header gasket supplied, install Left header from below. Fasten the header to the engine using the flat washers supplied) and the stock nuts. Install dipstick tube back into its original position (It may be necessary to bend tube slightly). Secure header at this time.
5. Reconnect E.G.R. tube to fitting and secure.

#### RIGHT SIDE:

1. On 1999-2003, remove passenger side front tire and plastic fender panel for easy access to exhaust manifold. On other years, skip to step 2.
2. Remove stock exhaust manifold using a 13mm medium deep swivel socket through the right fender well.
3. Using hedder gasket supplied, install right header from above. Install 5/16" washers (supplied) and replace stock nuts and tighten.
4. Replace passenger side front tire and plastic fender panel.

#### EXHAUST SYSTEM STOCK Y-PIPE INSTALLATION:

1. Carefully move system forward into position. Using long bolts, nuts and washers, attach right and left sides, center and tighten system.
2. Start engine, test drive vehicle, allowing engine to gain normal operating temperature. Check for leaks and new or unusual noises. After test drive, re-tighten all header bolts.

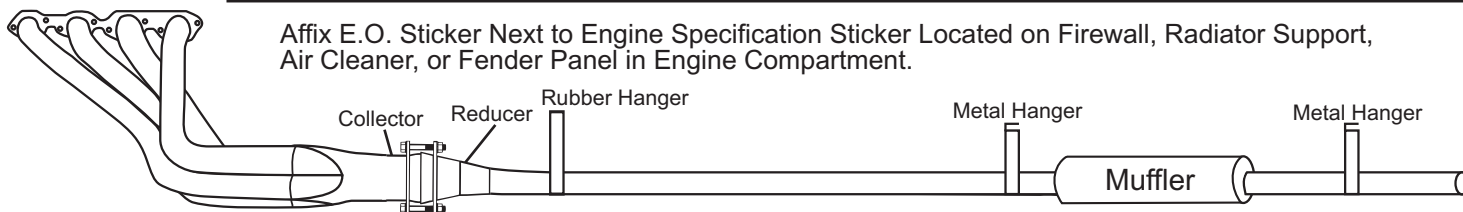
**ENJOY YOUR HEADERS WHILE COMBINING INCREASED FUEL ECONOMY WITH BETTER PERFORMANCE.**

#### 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".

#### 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.

12438 Putnam Street • Whittier, CA 90602 • tel (562) 921-0404 • fax (562) 921-7515  
website: [www.hedman.com](http://www.hedman.com) • email: [techsupport@hedman.com](mailto:techsupport@hedman.com)