



**PART # 89370 & 89376**  
**INSTRUCTION SHEET**  
**FORD RANGER 2.3L 2 W/D**

**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 battery cable to avoid damage to the electrical system.
2. From underneath the car, disconnect the two bolts which secure the exhaust manifold to the head pipe.
3. From up top, locate the stock manifold. Remove the air cleaner and air duct. Remove the heat shield. With manifold exposed, remove factory nuts and washers. Remove the stock manifold.
4. With gaskets in place, install header, using 8 metric bolts furnished. Tighten all bolts evenly.
5. Check all lines, linkage and hoses for sufficient clearance.
6. Bolt on reducer and weld to stock system.
7. Connect battery.
8. 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.

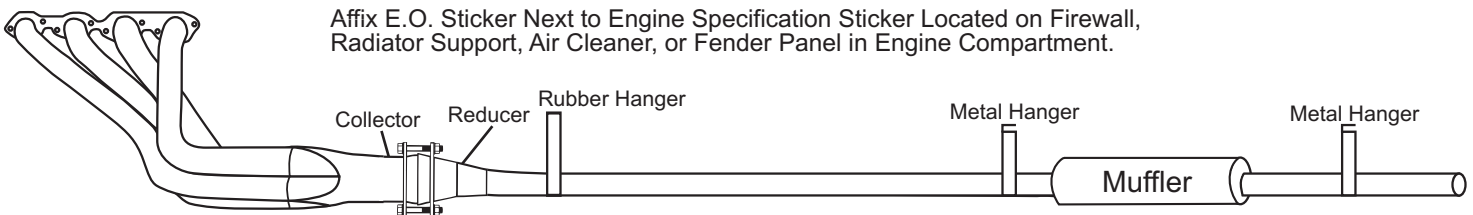
**ENJOY YOUR HEADERS WHILE COMBINING INCREASED FUEL ECONOMY WITH BETTER PERFORMANCE.**

**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".

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