



INSTRUCTION SHEET

**PART # 89460, 89463, 89466,
83468 & 89468**

FORD 7.5L 2WD/4WD W/ F.I. (AUTOMATIC ONLY)*

CAUTION! This is a custom designed exhaust header for the applications listed above. Do not bend, bang, cut, dent, drill or heat any portion of this header! Any alteration other than those noted in this instruction sheet will void the Hedman Lifetime Guarantee! To prevent leaks, install your headers using Hedman Hedderts exhaust gaskets ONLY, coated with a quality copper gasket sealant spray.

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:

NOTE! Ford uses the factory exhaust manifolds to mount various brackets and fasten the dipstick tube. In most cases modification, or fabrication of new brackets will be required to reattach these components. During disassembly, pay attention to how each component is installed prior to removal, to determine if a new or modified bracket is required.

1. Disconnect battery to prevent electrical system damage .

LEFT SIDE:

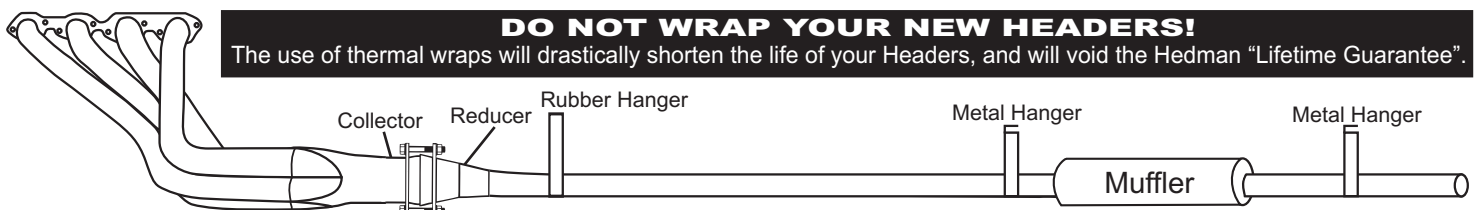
2. Number and unplug the spark plug wires from the spark plugs (*plugs may also be removed for added clearance during installation*). Remove the air cleaner, oil dipstick tube, and EGR tube fitting.
3. Remove stock exhaust manifold.
4. With a header gasket in place, install header from bottom and start all header bolts. Next, tighten all the bolts evenly, starting from the inner most bolts and moving outward.
5. Re-install dipstick tube, spark plugs and plug wires, and EGR tube (*if lost or damaged, use Ford EGR Tube Fitting #N801906-S51*). It may be necessary to bend the oil dipstick tube, brake, or fuel lines for adequate clearance. Make a spacer and use the stock studs for the dipstick tube and the bracket. A 5/16" hex nut has been included with the headers.

RIGHT SIDE:

6. Number and unplug the spark plug wires from the spark plugs (*plugs may also be removed for added clearance during installation*), then remove stock exhaust manifold.
7. With gasket in place, install header from bottom and start all header bolts, and tighten evenly, starting with the center bolts and working outward.
8. Reinstall any brackets, fittings or sensors that were previously removed.
9. Check all lines, wires, hoses, etc. for sufficient clearance.
10. Bolt on reducers and weld to stock system.
11. Connect battery, start engine, and check for leaks or strange noises.
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.

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".



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

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