



PART # 89150, 89156 (89158 Discontinued)
INSTRUCTION SHEET
FORD F-100 P/U 302 (ONLY)

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 Heddere 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!**

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

INSTALLATION INSTRUCTIONS:

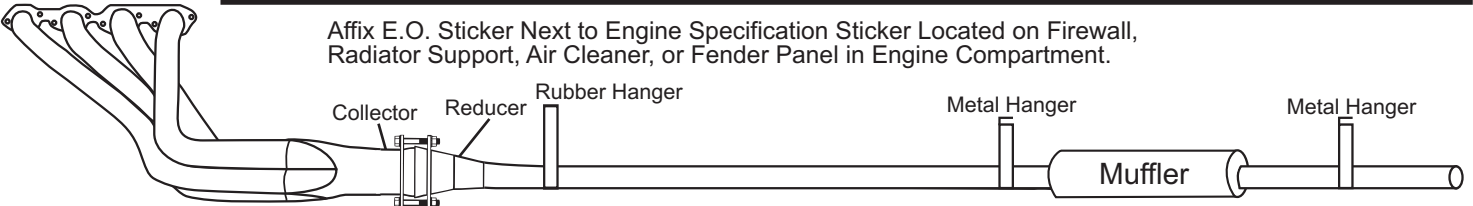
1. Disconnect battery cable at starter.
2. Remove air cleaner and hot air tube.
3. Disconnect automatic choke exchange tube.
4. Remove all spark plugs (Number Wires).
5. Disconnect exhaust head pipe (s).
6. Remove exhaust manifolds.
7. Clean exhaust ports of any dirt, grease or old gasket.
8. Install headers from bottom of engine compartment. With gasket in place, start header bolts on back side of port first. Notch gasket, if necessary for proper clearance. After all header bolts are in, tighten down evenly.
9. Replace starter cable.
10. Make exhaust connection to mufflers.
11. Replace and re-connect all parts that have been removed.
12. Automatic transmission models may require the relocation of the shifting linkage from one side of the arm to the other.
13. Check to make sure all lines, cables and wires have sufficient clearance.
14. Start engine, test drive vehicle, allowing engine to gain normal operating temperature, check for leaks or unusual noises. After test drive is complete, 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.