



**PART # 89500, 89506 & 89508
INSTRUCTION SHEET
1982-97 FORD RANGER & BRONCO II
5.0 LITER SWAP ONLY**

Must use Trans-Dapt Swap Kit #9716 & Motor Mounts #9717 ONLY!

CAUTION!

This is a custom designed exhaust hedder system, designed for this particular application (s). Do not bend, bang, cut, dent, drill or heat any portion of this hedder! Any alteration other than those suggested in this instruction sheet will void the hedman lifetime warranty!

To prevent leaks, install your hedders with Hedman Hedders exhaust gaskets ONLY!

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!**

SPECIAL INSTRUCTIONS:

Before beginning, to assist you with installation procedure carefully read the following and the Trans-Dapt Swap Kit Instruction Sheet! This will advise you of any additional parts needed to complete this swap. It is suggested that all parts necessary to complete installation be acquired prior to continuing!

INSTALLATION INSTRUCTIONS:

1. Install engine and transmission into approximate location. Do not secure in place at this time. Install left hedder with two bolts only.
2. Check for clearances to steering, fuel lines, brake lines and any other equipment which may interfere with proper operation of these items.
3. Install right side hedder with two bolts and check clearances to frame, starter, heater and A/C box or any other equipment or options for interference.
4. Once it has been determined that the hedders clear in all areas, the engine and transmission may be secured in place.
5. Remove hedder and recheck all clearances.
6. With gaskets in place, install your hedders starting the hardest bolts first and secure remaining bolts.
7. Connect your exhaust system. Install spark plugs and wires finish all unfinished connections, brackets, radiator etc.
8. 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 hedder bolts.

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

SPECIAL INSTRUCTIONS!

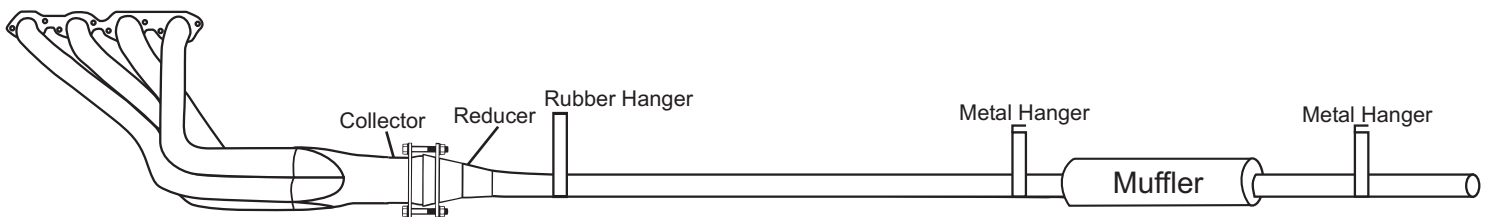
After installing your hedders it is very important that your exhaust system be suspended properly. As indicated in the drawing below you must place hangers as close to the hedder collector as possible. Rubber hangers should be used to allow the front of the system to flex with the engine torque. A hanger is needed before and after the muffler (s). When your exhaust system is unbolted from the hedder collector, it should remain suspended all by itself. Your Hedders 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".

Important: Avoid damage to spark plug wires by using a Hi-Temp silicone spark plug wiring system designed for your application.

Note: Black hedders are coated for protection during handling, shipping and storage only! It is recommended a Hi-Temp coating be applied before installation to avoid rust during engine operations. (This does not apply to H.T.C., Chrome or Elite coated Hedders).

WARNING

The use of thermal wraps on your Hedman Hedders will void your 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.