



PART # 79820 & 79830 INSTRUCTION SHEET 383 - 440 CUBIC INCH DODGE P/U, VAN, MINI-VAN & FULL SIZE MOTORHOMES

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 Hedderts 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!**

This header is designed for Heavy Duty use to improve the exhaust efficiency of the above application. A performance gain can be expected by the installation of this system.

INSTALLATION INSTRUCTIONS:

DISASSEMBLY:

1. Disconnect battery to prevent electrical system damage.
2. Raise the vehicle and support with jack stands.
3. Use penetrating oil on all nuts and bolts to be removed. This will prevent the possibility of broken or stripped nuts and bolts.
4. Making sure the converter is cool, remove the exhaust crossover pipe.
5. Remove fresh air duct to air cleaner along with hot air hose from exhaust manifold to air cleaner air horn.
6. Drain coolant and remove spark plugs (Number Wires) and spark plug shields.
7. Remove old exhaust manifolds.
8. Remove starter. (Some models may not require removal of starter.)
9. For proper clearance during installation, you may need to remove some manifold studs.

ASSEMBLY:

1. With gasket in place, install the left header from bottom of engine compartment area and start all bolts evenly. Do not tighten!
2. Replace starter if you have removed it.
3. Tighten all header bolts evenly.
4. With gasket in place, install the right header from bottom of the engine compartment area and start all header bolts. After all header bolts have been started, tighten all bolts evenly.
5. Hook up remaining exhaust system, carefully routing around all gas tanks and lines.
6. Install hot air kit from header to carburetor air cleaner air horn. Reconnect fresh air duct to carburetor air horn.
7. Make sure all brake lines, fuel lines and electrical wires have sufficient clearance.
8. Connect battery, replace spark plugs and coolant. NOTE: It may be necessary to replace stock spark plug wires for proper clearance. We recommend Hi Heat resistant silicone wire to prevent heat damage.
9. Start engine, test drive vehicle allowing engine to gain normal operating temperature. Check for leaks and new or unusual noises. After test drive is completed, re-tighten header bolts.

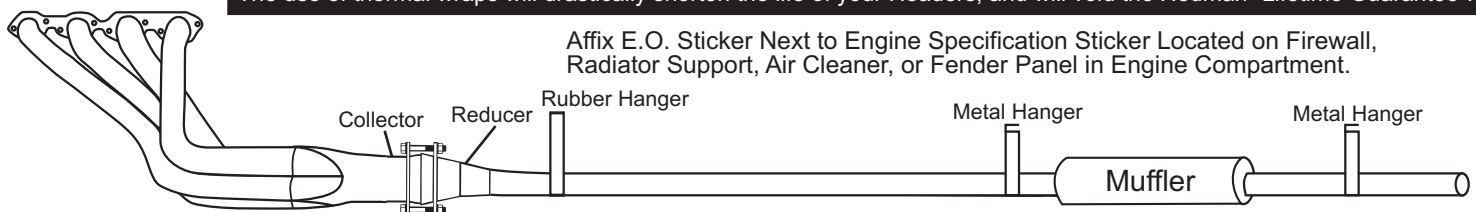
ENJOY YOUR HEADERS WHILE COMBINING INCREASED FUEL ECONOMY WITH BETTER PERFORMANCE.

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.

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