



STANDARD PART #
69231, 69237, 69061, 69067, 69091 & 69097
ELITE PART #
69831, 69837, 69861, 69867, 69891 & 69897
INSTRUCTION SHEET (SMALL BLOCK CHEVY)

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 Heddgers 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!**

INSTALLATION INSTRUCTIONS:

NOTE: When using this header for 82-87 Chevy P/U 4x4 part #69891 or #69897, you must remove the rubber snubber on the right side of the vehicle, and lower the rear wire loom bracket on the left side.

DISASSEMBLY:

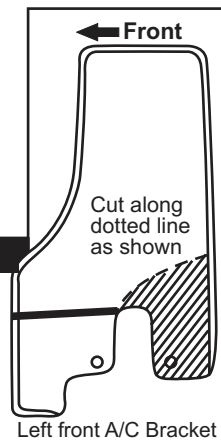
1. Disconnect battery and wire to temperature sending unit. Remove spark plugs (Number Wires).
2. Raise the vehicle and support with jack stands.
3. Use penetrating oil on all nuts & bolts to be removed. This will prevent the possibility of broken or stripped nuts & bolts.
4. Making sure the converter 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. Remove old exhaust manifolds. If vehicle is equipped with air pump system, disconnect at this time.
7. Remove clutch cross shaft and starter (If necessary).

LEFT SIDE: (If equipped with A/C, see "IF EQUIPPED WITH A/C" below)

1. With gaskets in place, install left header, starting all bolts. Do Not Secure Bolts!
2. Replace clutch cross shaft.
3. Tighten all the header bolts evenly.

RIGHT SIDE:

1. With gaskets in place, install right header, starting all bolts. Do Not Secure Bolts!
2. Replace starter.
3. Tighten down all header bolts evenly
4. Replace air pump system to A.I.R. log installed on headers at this time (If applicable).
5. Install EFE valve or heat riser to the end of the header with adapter supplied.
6. With reducers in place, cut factory exhaust pipes so that the system may be secured to the headers with one weld on each side.
7. Replace and re-connect all parts that have been removed or disconnected. Check for proper clearance on all lines and linkage.
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.



VEHICLES EQUIPPED WITH AIR CONDITIONING

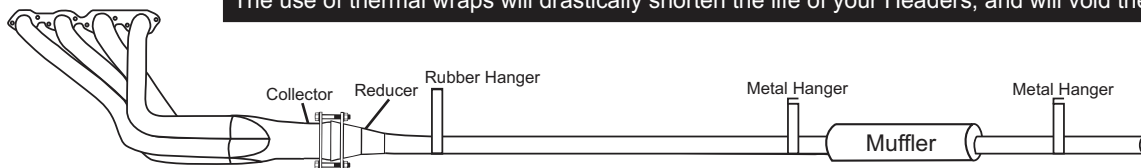
When you remove the stock bracket (late model rotary type compressor short) see diagram to the right. This shows you how to cut the stock bracket away at the second hole location to clear the header tube for a clean installation. You will have sufficient strength when using the front hole with a simple spacer equal to the thickness of the original cast iron manifold that was removed. You will need to mount the air-conditioner bracket and the power steering bracket to the same bolt with spacer. When your vehicle is equipped with a long round type (piston type) air conditioning compressor unit, you may have to use Hedman air conditioner bracket part #20110, which can be purchased at your local dealer.

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".



Affix E.O. Sticker Next to Engine Specification Sticker Located on Firewall, Radiator Support, Air Cleaner, or Fender Panel in Engine Compartment.

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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