



INSTRUCTION SHEET

PART # 61608, 66601, 66607
68601, 68607, 67608

Fits A Variety of 1964-87 GM cars with
a SB CHEVY ENGINE (283-400)

CAUTION! This is a custom designed exhaust header for Chevrolet Small block systems. Please check catalog for a complete application listing. 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 Hedders exhaust gaskets ONLY and a spray copper gasket sealant.

BEFORE STARTING INSTALLATION:

If vehicle has Air Conditioning, additional parts may be required to complete install. Read A/C section below before starting. 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:

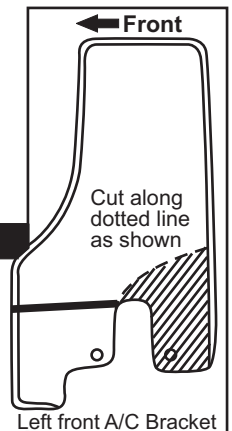
1. Disconnect battery and all wires to temperature sending unit and oil dipstick tube.
2. Remove all spark plugs (Number Wires), factory manifolds, stock head pipes and air cleaner assembly.
3. If vehicle is equipped with A.I.R. air pump system, disconnect at this time!

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

4. Position the driver side header from below and insert the front and rear header bolts only (just a few threads).
5. Pull the header flange away from the head and hang a header gasket between the head and header flange using the two bolt hooks built into the Hedman gaskets.
6. Install the remaining header bolts, and tighten all bolts starting from the inner bolt and working outward.
7. Re-route brake lines, hoses, etc., making sure that there is adequate clearance.

RIGHT SIDE:

8. Position the passenger side header into position from above, and loosely insert the front and rear header bolts only (just a few threads). Pull the header flange away from the head and hang a header gasket between the head and header flange using the two bolt hooks built into the header gaskets.
9. Install the remaining passenger side header bolts. Tighten all bolts, working from the inner to outermost bolts.
10. Loosely bolt the included reducers to the header collectors. Tack weld the vehicle's exhaust to both reducers. Finish weld the reducers to the exhaust.
11. Replace and reconnect battery and all other parts previously removed or disconnected. Take special care to ensure there is proper clearance for all components, including fuel lines, brake lines and shift linkage.
12. If applicable, reconnect the air pump system to the A.I.R Log installed on headers at this time.
13. Install the E.F.E. Valve or heat riser to the end of the header (right side) using supplied adapter (if applicable).
14. Affix provided E.O. Sticker to the underside of the hood, or other location visible to the emissions technician.
15. 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.



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.

IMPORTANT: Refer to your local state or county emission laws regarding engine swaps before performing this installation.

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".

PROPER SUSPENSION OF YOUR ENTIRE EXHAUST SYSTEM IS EXTREMELY IMPORTANT!

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".

