



**PART # 68440, 68446, 68448,
68447, 66447, 63447
INSTRUCTION SHEET
1984-91 CHEVROLET CORVETTE
283-400 ENGINES**

CAUTION! This exhaust header system is designed for this particular application. 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!**

PRE-INSTALLATION:

1. Disconnect battery cable to prevent damage to the electrical system.
2. Remove all spark plugs (Number Wires) and oil dip stick tube. Some models require starter and starter bracket removal. Disconnect wire temperature sending unit.
3. Disconnect exhaust head pipes and exhaust manifolds. Remove wire loom brackets on right and left sides and remove struts.
4. Apply a coating of copper gasket spray to the header gasket provided with the headers (follow spray mfr's instructions).

INSTALLATION:

RIGHT SIDE (Passenger Side): (BE CAREFUL NOT TO DAMAGE WATER TEMPERATURE PLUG.)

5. Make certain that the exhaust port flange is clean of grease and debris to allow for a good seal. Position the right side header on the head and insert the front and rear header bolts ONLY. Thread these bolts in 2-3 threads only.
6. Slide the header on the bolts to move the flange away from the head. Drop a prepared header gasket (see step 4) between the head and the header flange with the hooks at the end of the gasket facing down.. The header gasket will hang on two bolts already installed, making it easier to start the remaining bolts.
7. Insert the rest of the header bolts and tighten down evenly, starting with the inner-most bolts and working outward. Re-install starter if removed and reroute the starter cable.

LEFT SIDE (Driver Side): (BE CAREFUL NOT TO DAMAGE TEMPERATURE SENDING UNIT.)

8. Repeat steps 5-7 for the left side header.
9. Reroute brake lines, fuel lines, wires, etc. and make sure to have sufficient clearance for all system components.
10. Re-install spark plugs, oil dip stick tube and re-connect wire temperature sending unit plugs.
11. Replace and re-connect all parts that have been removed or disconnected and check for proper clearance.
12. These headers will require modification to your Corvette's exhaust system, or a new exhaust system built, to complete installation. The socket reducers "exhaust adapters" provided with these headers need to be welded to the front of your vehicle's exhaust. The ball collector on the headers can then be bolted to the matching socket on your exhaust using the set of 6 collector bolts and nuts also included with the headers.
13. Start engine and take vehicle for test drive. Allow engine to reach normal operating temperature. Check for leaks and any new or unusual noises. After test drive, re-tighten all header bolts and fasteners.

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".

