



PART # 69470, 69473 & 69476

FITS 1988-95 CHEVY/GMC 2WD/4WD 1/2 & 3/4 TON TRUCK or SUV; 5.0/5.7L without A.I.R.

PART # 69471, 61476 & 63471

FITS 1988-95 CHEVY/GMC 2WD/4WD 1/2 & 3/4 TON TRUCK or SUV; 5.0/5.7L with A.I.R.

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 Hedders exhaust gaskets ONLY and Copper Gasket Spray.

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!** We recommend the use of a penetrating oil on all manifold and exhaust bolts to prevent broken bolts!

DISASSEMBLY

1. Disconnect the negative cable from battery, then number and remove the spark plug wires.
2. Raise the vehicle and support with jackstands.
3. Remove the exhaust crossover pipe.
4. Remove the fresh air duct to the air cleaner.
- *5. Disconnect the A.I.R. tube from left-side exhaust manifold.
6. Remove the power steering pump support bracket (*if applicable*).
7. Carefully remove the O2 sensor, and set aside for re-installation.
8. Disconnect the temperature sensor wire.
9. Unbolt and remove the left-side exhaust manifold from above.
- *10. Disconnect the A.I.R. injection tube from right-side exhaust manifold.
11. Unbolt and remove the right-side exhaust manifold from above.
12. Carefully clean both exhaust flange surfaces on the cylinder head, ensuring all old gasket and sealant is removed.

INSTALLATION

13. Install the left-side header and gasket from above.
14. Loosely install all but the two front bolts into the left side header. Do NOT tighten at this time.
15. Re-install the rear power steering support bracket using the tubular spacers provided with these headers.
16. Ensure proper alignment of the header and gasket, and tighten the left-side header bolts.
17. On the left-side, reinstall the temperature sensor wire to the temperature sensor.
18. Apply some anti-seize to the O2 sensor threads, and reinstall the O2 sensor into the left side header. Connect the O2 sensor wire from wire loom to the sensor. To avoid damage, make sure that the wires are clear of the exhaust system components. Use the included O2 sensor extension wire to make this connection. (*For 1994-95 O2 sensor installation instructions, please see step 26.*)

19. Install the right-side header from the above by inserting the front and rear header bolts a few threads. Pull the header away from the head and insert the right side header gasket between the header flange and head. The hangers built into the ends of our header gasket will keep the gasket in place while you insert the rest of the right-side header bolts.
20. Ensure proper alignment of the right-side header and gasket, and tighten the right-side header bolts.
21. Reconnect all of the spark plug wires.
- *22. Remove the A.I.R. check valve from original manifold and re-install on the header. Reconnect the A.I.R. injection hoses using the hose supplied with these headers

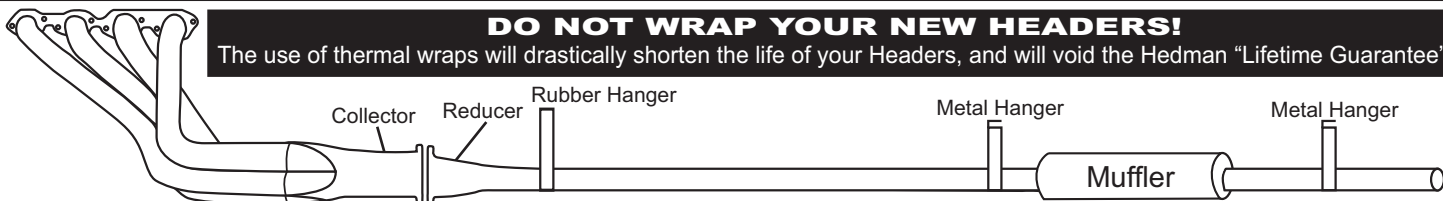
CROSSOVER PIPE INSTALLATION

23. Carefully align & insert the right-hand crossover pipe segment into the catalytic converter.
24. Slide the supplied u-clamp onto the crossover pipe, and connect the left-hand segment of the crossover pipe, to the segment installed onto the catalytic converter.
25. Align the collector sockets on the crossover pipe with the ball collectors on the headers, and loosely connect each side using three collector bolts and flange locknuts per side.
26. When everything is properly aligned, tighten the U-bolt connecting the 2 crossover segments, and the 6 bolts connecting the headers to the crossover pipe.
27. For 1994-95 models, apply anti-seize to the O2 sensor threads, and install the O2 sensor into the Y-Pipe Junction. Use the supplied three wire extension kit to connect the O2 sensor to the vehicle's harness.
28. Install the hot air kit supplied with you headers (*if applicable*).
29. Inspect all components to ensure all fasteners, fittings or sensors are properly torqued. Check all wiring, fuel lines and bushings to ensure there is sufficient exhaust clearance.
30. Start engine, test drive vehicle, allowing engine to gain normal operating temperature. Check for leaks & new or unusual noises. After test drive, allow engine to cool, then re-tighten all header bolts.

*Applies to headers with A.I.R. only.

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".



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.

12438 Putnam Street • Whittier, CA 90602 • tel (562) 921-0404 • fax (562) 921-7515
website: www.hedman.com • email: techsupport@hedman.com