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HEADER INSTALLATION INSTRUCTIONS

PART NUMBER: H8058

1992-95 Chevrolet & GMC 1500/2500/3500 Trucks

Blazer/Jimmy, Suburban, Tahoe/Yukon

396-502 cu in



This product is Not legal for Street or Off Highway use in California or in states that have adopted California Emissions Regulations and is only intended for Closed Course Competition use, except 1965 and Older US manufactured California Certified vehicles, 1967 or older US manufactured Federally Certified vehicles, or 1967 and older Foreign manufactured vehicles which may have any aftermarket add-on or modified part installed as long as the vehicle can still meet the tailpipe emission standards for the year of the vehicle and retain any original or retrofit crankcase control (PCV) devices and NOx device required for the year of the vehicle.

PerTronix® thanks you for choosing **Patriot Headers**, the best value for the dollar of any brand in the industry. **Please read and understand these instructions completely prior to starting work.**

CHECK TO MAKE SURE YOU RECEIVED THE PROPER PARTS FOR YOUR APPLICATION. THE HEADER NUMBER WILL BE STAMPED ON THE ENGINE FLANGE. IF YOU ARE UNSURE YOU HAVE RECEIVED THE PROPER PARTS CALL BEFORE YOU START WORK.

BE SURE TO WORK SAFE! WHENEVER YOU WORK UNDER THE VEHICLE BE SURE THAT IT IS LOCATED ON LEVEL, SOLID GROUND AND IS SUPPORTED BY ADEQUATE SAFETY STANDS!

REMEMBER: HOT ASPHALT WILL NOT SUPPORT MOST JACK STANDS!

Many factors affect the installation of headers, some of which are broken or aftermarket motor mounts, accidents that impact the configuration of the frame, and/or the installation of different engines or aftermarket cylinder heads.

Attention Customers breaking in new engines: Due to the extreme heat generated during the break-in process, the appearance of the ceramic coating may be altered in certain areas. The protection characteristics and thermal barrier properties of the coating is never compromised. It is recommended that a cast iron manifold or old set of headers be used for this process.

Notice: The coating of these headers can be marred or scratched during installation. If the header needs to be returned and is damaged, you will be charged for recoat.

NOTE:

- 1.** This header does NOT accommodate Air injection systems. It does have a fitting for the oxygen sensor.
- 2.** Suburbans with rear Air Conditioning will require modifications to the lines on the right side; see your local A/C specialist.
- 3.** 4WD – a shorter oil filter will provide more clearance. Will NOT work with power take off units.

DISASSEMBLY

1. Disconnect the negative battery cable from the battery as you will be removing the starter.
2. If a car lift is not available, raise the vehicle 2 feet or higher and support with adequate safety stands. Make sure the vehicle is on a flat solid surface and is stable.

3. Remove bolts attaching head pipes to stock manifolds. Remove or shorten the stock head pipes to accommodate the long tube headers.
4. Unplug the oxygen sensor from the left side manifold.
5. Remove spark plug wires, spark plugs, and oil dipstick.
6. Remove the 8 manifold bolts from each manifold and remove the manifolds and spark plug heat shields.
7. On 4WD trucks, remove the oil filter.
8. Remove the starter motor.
9. Remove the heat shield from the floor on the right side. The lip on the floor where it meets the firewall will need to be flattened with a hammer to make clearance for header installation.
10. Remove the gaskets and any gasket material or carbon build up that remains on the head surface.
11. Modify the Spark Plug Heat Shields by cutting 5/16" from the end of the shields as shown in Illustration A

INSTALLATION

1. Starting on the Right (Passenger) side working from below, slip the header into position.
2. With the header loosely in position, reinstall the floor heat shield. You will only be able to use the outside screws.
3. With the header still loose, reinstall the starter.
4. Apply a THIN film of Ultra Copper Hi-Temp, **Sensor-Safe** Silicone Sealer to each side of the header gasket and stick the gasket to the header flange.
5. Install the right side header, modified spark plug shields, and gasket using the supplied bolts and washers. Torque to 30-35 lbs/ft. Tighten the center two bolts first and then work your way out.
6. Install the spark plugs, spark plug wires, and dipstick.
7. Working from below, slip the Left (Driver's) side header into position.
8. Apply a THIN film of Ultra Copper Hi-Temp, **Sensor-Safe** Silicone Sealer to each side of the header gasket and stick the gasket to the header flange.
9. Install the Left side header, modified spark plug heat shields and gasket using the supplied bolts and washers. Torque bolts to 30-35 lbs/ft. Tighten the center two bolts first and then work your way out.
10. Install the spark plugs and plug wires.
11. Replace the Oil filter, if removed and check oil level.
12. Plug the Oxygen Sensor back in.
13. Double check that everything is tight and installed and then connect the negative battery cable.

IMPORTANT CHECK LIST

- **Be sure that all brake lines and fuel lines are clear of headers and/or connector pipes.**
- **All spark plug wires, battery cables, or other electrical components should be clear of headers and/or connector pipes.**

- If dipstick tube was removed, make sure it is installed properly and that the dipstick has been replaced.
- Double-check the tightness of all bolts including brackets and accessories.

To complete your exhaust system order the correct 2 ½" reducers for your exhaust pipe size. Cut the stock pipes to the right length and weld to the reducer or fashion a new system using performance mufflers and 2 ¼" or 2 ½" exhaust pipes.

STARTING THE ENGINE

Start the engine and allow it to warm up to operating temperature. Check for any unusual noises or exhaust leaks. If every thing is OK, stop the engine and tighten all bolts while the engine is still warm.

NOTE: Check the bolts periodically to make sure they have not loosened. Re-tighten after the first 500 miles and then again at 1000 miles.

PARTS LIST

Qty	Description
1	Left Side Header
1	Right Side Header
2	Header Gaskets
2	Collector Gaskets
16	3/8-16 X 3/4" Header Bolts
6	3/8-16 X 1 1/4" Collector Hex Head Bolts
6	3/8-16 Hex Nuts
6	3/8" Lock Washers
2	Header Reducers

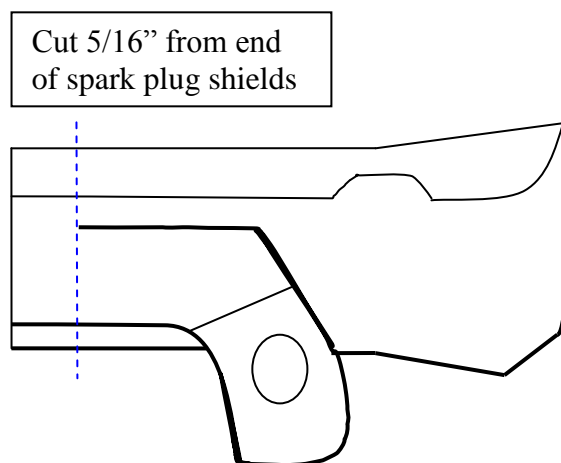


Illustration A