



HEADER INSTALLATION INSTRUCTIONS

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Part # H8600

1968-74 AMC AMX, Javelin, Rebel, Ambassador

1972-79 JEEP CJ5, CJ7, CJ8 74-83 Cherokee, 71-91 Wagoneer, 71-88 J-10 & J-20
340, 360, 390, 401 DOG LEG PORT ONLY (Will Not fit Stock 68-69 Rectangle ports)

WITHOUT A.I.R. Injection

**NOTE: WELDING May Be Required,
See installation instruction #4 Before Starting installation.**



This product is Legal for use on 1974 Non-Catalyst equipped vehicles and is considered a "Replacement Part" per California Air Resources Board regulations, as long as ALL emissions sensitive components are retained, Including EGR, A.I.R., Heat Risers etc. Failure to retain any of these components , or use on 1975 or newer Catalyst equipped vehicles, would render this product Illegal for Street or Off Highway use and may only be used for Closed Course Competition.

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.

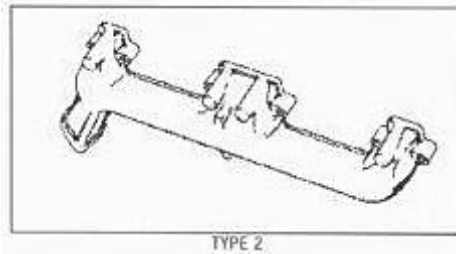
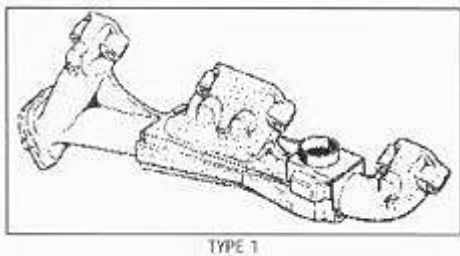
Notice: The coating of these headers can be marred or scratched during installation. If the header needs to be returned and is damaged, you will be charged for recoat.

DISASSEMBLY

1. Disconnect the negative battery cable from the battery.
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. Disconnect O2 sensor if equipped.
4. Remove the Heat riser valve, cold air tube and air cleaner and heat stove if equipped.
5. Remove the spark plug wires and spark plugs.
6. Remove the oil dipstick to valve cover bracket.
7. Remove bolts attaching head pipes stock manifolds, then remove the stock manifolds from the car.
8. Clean exhaust flange gasket surface of the cylinder heads thoroughly.

INSTALLATION

1. From the top, slip the headers into place and install with the new gasket and supplied Header bolts. Tighten evenly working from the center outward .
2. Reinstall the spark plugs and wires and the dipstick retainer bracket.
3. If you wish to retain the heat stove you will need to fashion an adaptor to clamp it to the header.
4. Exhaust Hookup:
 - a. Driver's side - AMC **should** bolt right up. It may be required to loosen the motor mount bolts and Raise the driver's side to get the header in place on some AMC cars. JEEP if the exhaust outlet of the stock manifold is under the 3rd spark plug, the exhaust will bolt right up. 81-91 Grand Wagoneer, 81-83 Cherokee & 81-88 J Series most likely have the outlet under the 4th spark plug so you will have to modify the exhaust headpipe.
 - b. Passenger side - AMC used two different passenger side manifolds on 70-79 cars, if you have the Type 1, no modifications necessary. If you have Type 2 you will need to modify the exhaust headpipe. JEEP's **should** bolt right up.



5. Reinstall the heat riser valve to the passenger side header with the provided gasket and 3" bolts. If you have the early style without the taper to deal to the exhaust pipe you will need to reuse the original gasket; or you can purchase the later style heat rider, NAPA #600-1828. Torque to 15 ft/lbs - do not over tighten!
6. Install the driver's side exhaust pipe using the Dome Gasket and 2 1/4" bolts. Torque to 15 ft/lbs - do not over tighten!
7. 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.

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
12	3/8-16X1" Header bolts
8	5/16-18X1" Header bolts
2	3/8-16 x 3" Hex head bolts
2	3/8-16 x 2 1/4" Hex head bolts
4	3/8" Lock washers

 **WARNING:**

This product can expose you to chemicals including Lead, Nickel, Cadmium and Chromium which are known to the State of California to cause cancer and birth defects or other reproductive harm. **For more information go to www.P65Warnings.ca.gov**