1999-2013 GM Truck/2000-2014 GM SUV
Header & Connection Installation Instructions

Do not attempt this installation if proper safety equipment isn't available to you.
Seek the assistance of a professional installer.

1999-2007 Driver Side Header installs from Bottom
1999-2007 Passenger Side Header installs from Top
2007-2013 Driver & Passenger Side Header installs from Top or Bottom

Read and understand all instructions before beginning.

To install this system the following tools are suggested:

-Vehicle Lift or Jack and 4 Jack Stands
-Ratchet Set ($^1/_4$" & $^3/_8$" Drive)
-Metric Socket Set ($^1/_4$" & $^3/_8$" Drive)
-Extensions ($^1/_4$" & $^3/_8$" Drive)
- Pry Bar Set
-$^7/_8$" O^2 Socket ($^7/_8$" Wrench)
-Gasket Scraper
-Metric Wrench Set
-Standard Screwdriver Set
-Safety Glasses
-Paint Pen or Marker
-Vehicle Service Manual
-Thread Locker
-WD-40 (Penetrating Oil)
-Anti-seize
-Zip Ties

VEHICLE PREPARATION

Raise and Support Vehicle (Refer to Owner's Manual for specified jacking points)
Always disconnect the negative battery terminal before performing this type of work on any vehicle

STOCK MANIFOLD AND CATALYTIC CONVERTER REMOVAL PROCESS

It is a good idea to spray WD-40 on any rusted hardware before you start to help loosen them. While the lube is doing its job, you can start the install.

STEP 1. Battery
- Disconnect the negative, then the positive battery terminal.

STEP 2. Spark Plugs and Spark Plug Wires
- Remove the engine cover, if so equipped.
- Disconnect spark plug wires.
- Remove spark plugs.

STEP 3. O^2 Sensors
- Note and mark the position of each O^2 sensor.
- Disconnect all O^2 sensors from wiring harness.
- Remove O^2 sensors ($^7/_8$" wrench or O^2 socket).

STEP 4. Factory Y-Pipe
- Support transmission.
- Remove transmission cross member.
- Remove factory y-pipe.
- Re-install transmission cross member.

STEP 5. Front Drive Shaft (If Equipped)
- Disconnect u-joint at front differential.
- This may only be necessary on earlier trucks.

STEP 6. Dip Stick Tube
- Note the routing and orientation of the dip stick tube before removal.
- Remove dip stick tube.

STEP 7. Steering Shaft (2007+ Models Only)
- Separate and remove steering shaft.

STEP 8. Exhaust Manifolds
- Remove factory exhaust manifold heat shields.
- Remove factory exhaust manifolds.

KOOKS HEADER AND CONNECTION PIPE INSTALLATION PROCESS

All hardware should be tightened to factory specifications

STEP 1. Cleaning.

- Before installing your new Kooks Headers, make sure all gasket surfaces are clean and oil free.

STEP 2. Kooks Header (Drivers Side and Passenger Side)

- Install headers into engine compartment, from the top or bottom (See notes).
- Align supplied gasket and start at least two of the header bolts.
- Align header and start remaining header bolts.
- Tighten headers to factory exhaust manifold torque specs using factory torque spec sequence.

STEP 3. Starter Power Wire

- Check for clearance around starter power wire. If needed follow below steps.
- Unclip wire in connector from factory frame location.
- Reinstall wire using zip ties, routing it for maximum clearance around the header

STEP 4. Dip Stick Tube

- Reinstall dip stick tube.

STEP 2. Steering Shaft (2007+ Models Only)

- Reinstall steering shaft.

STEP 5. Front Drive Shaft (If Equipped)

- Reconnect u-joint at front differential.

STEP 6. Kooks Y-Pipe

- Loosely assemble y-pipe on vehicle (supporting with stands) using supplied hardware.
- Align system for maximum clearance.
- Tighten system from front to rear of the vehicle.

STEP 7. O^2 Sensors

- Apply anti seize to the threads of all O^2 sensors.
- Install O^2 sensors noting their original location.
- Install supplied O^2 extensions where needed.

STEP 8. Spark Plugs and Spark Plug Wires

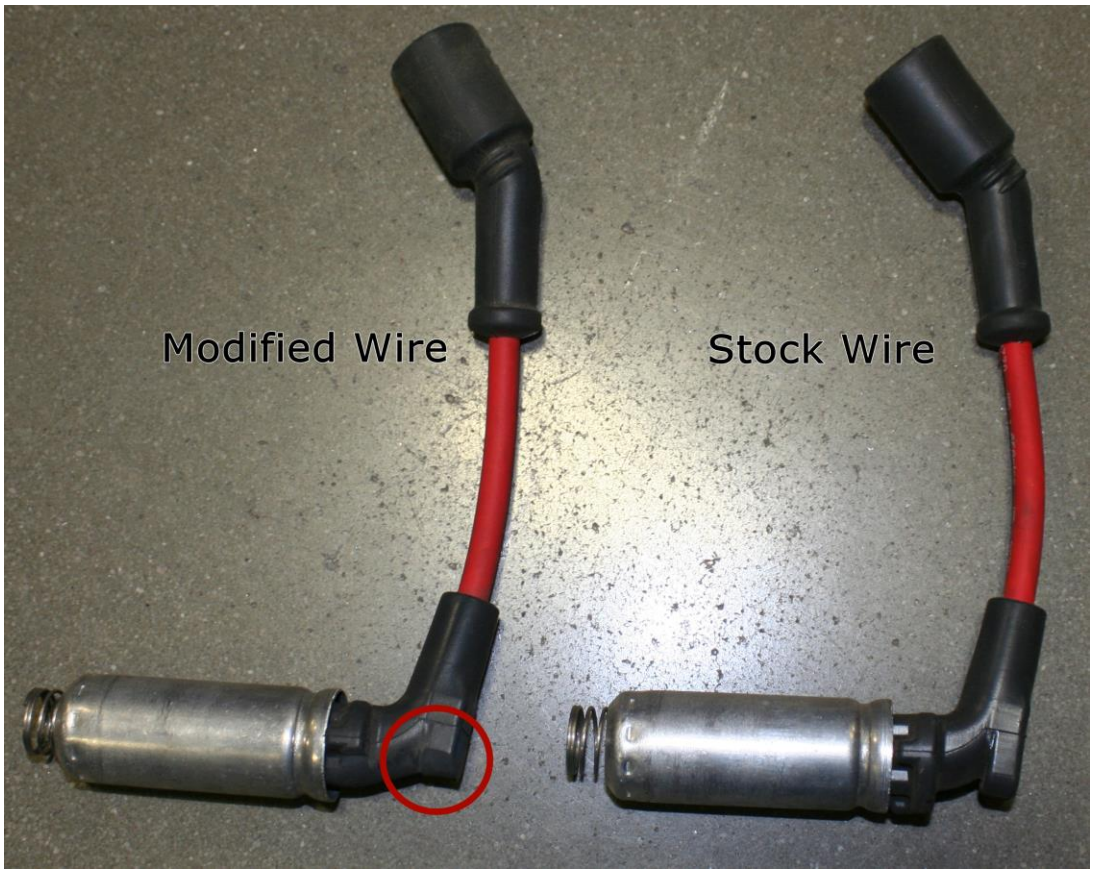
- Reinstall spark plugs.
- Reinstall spark plug wires.
  (Some applications with the 90° boot may need to modify the wires as shown in picture or use aftermarket spark plug wires).

STEP 9. Battery

- Ensure all above steps have been completed.
- Reconnect the positive then the negative battery terminal.

STEP 10. Inspection

- Start engine and check for any exhaust leaks.
- Allow vehicle to complete one heat cycle (Heat to temp and allow for cooling).
- Re-torque header bolts and header hardware.



Thank you for your purchase, we appreciate your business.
If additional assistance is needed, please contact Kooks Headers and Exhaust
Toll free at 1-866-586-KOOK or contact your local dealer.