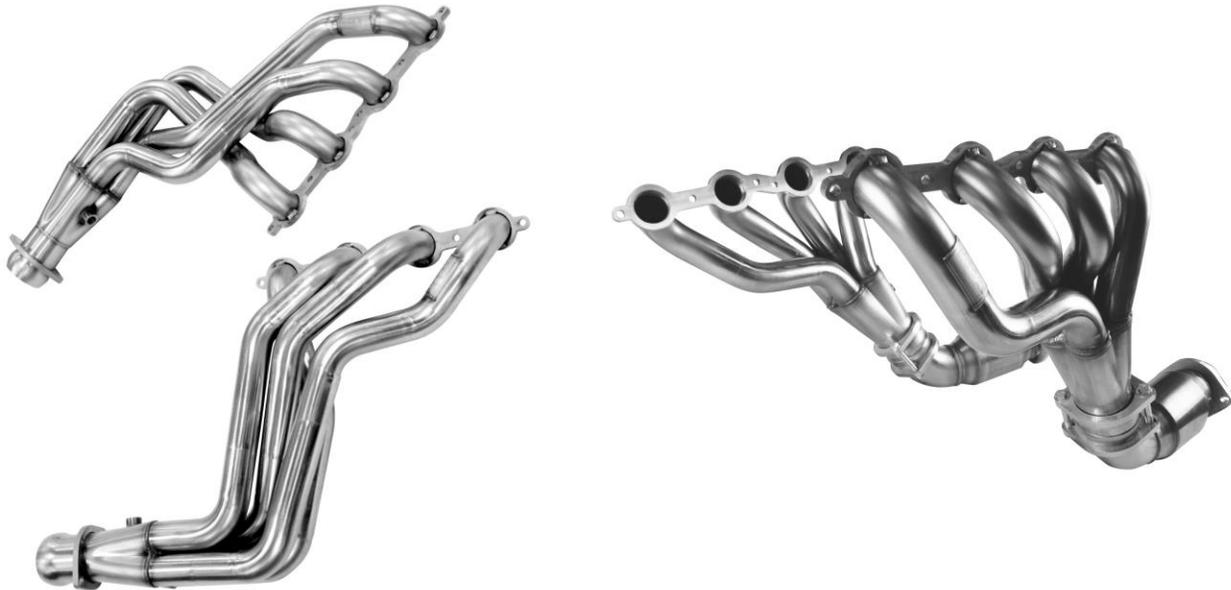


Pontiac G8, G8 Super Street and Chevrolet SS Header Installation Instructions



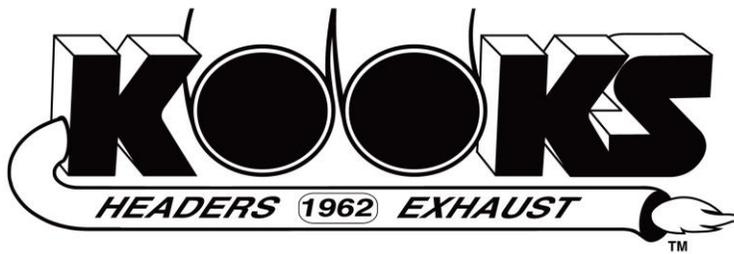
Do not attempt this installation if proper safety equipment isn't available to you.
Seek the assistance of a professional installer.

Kooks Headers install from underneath the vehicle

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 ($\frac{1}{4}$ " & $\frac{3}{8}$ " Drive)
- Metric Socket Set ($\frac{1}{4}$ " & $\frac{3}{8}$ " Drive)
- Extensions ($\frac{1}{4}$ " & $\frac{3}{8}$ " Drive)
- Pry Bar Set
- $\frac{7}{8}$ " O² Socket ($\frac{7}{8}$ " 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 battery terminal.

STEP 2. Air Box

- Remove air intake tube and air box lid together.
- Remove air filter and air box base.

STEP 3. Engine

- Remove engine covers.
- Remove spark plug wires and spark plugs.
- Note the routing of the dip stick tube and remove.

STEP 4. Steering Shaft

- Assure steering is locked.
- Mark the relationship of the lower steering knuckle to the steering shaft.
- Remove 13mm bolt from the lower knuckle of the steering shaft and disconnect steering shaft from rack and pinion input shaft (move steering shaft to the side).

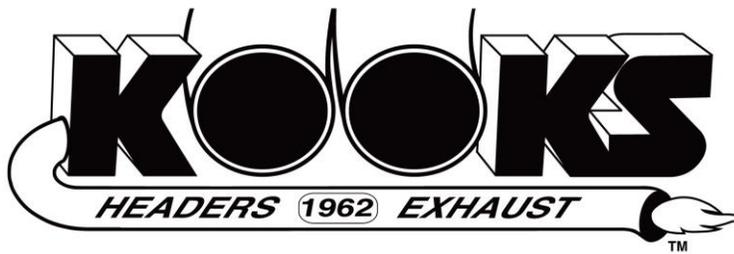
STEP 5. O² Sensors

- Note the position of each O² sensor.
- Disconnect all four O² sensors from wiring harness.
- Remove all four O² sensors (⁷/₈" wrench or O² socket).

STEP 6. Factory Exhaust

- Support factory front catted connections.
- Remove catted connection hardware and remove catted connection.
- Remove exhaust manifold heat shields.
- Remove exhaust manifolds.

****If installing a Kooks Full Exhaust system refer to the instructions provided with the Kooks Exhaust System for Factory Exhaust removal.****



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 Long Tube & Shorty Header (Drivers Side and Passenger Side)

- Install headers into engine compartment, from underneath the vehicle.
- Align supplied gasket with Kooks Header and start header bolts.
- Tighten headers to factory exhaust manifold torque specs using factory torque spec sequence.

Kooks Shorty Header continue with STEP 3

**** Kooks Long Tube Headers to Factory Connection skip ahead to installation STEP 4****

*****Kooks Long Tube Header w/ 3" outlet skip ahead to installation STEP 5*****

STEP 3. Kooks Shorty Header with Catted or Off-road Connection Pipe

- Install Kooks catted / off-road connection pipe with header and factory exhaust.
- Align connection pipe for best fitment and snug all hardware.
- Tighten hardware starting with connection points closest to engine and working towards the rear of the vehicle.

****Skip STEP 4****

STEP 4. Kooks Long Tube Headers to Factory Connection

- Connect factory exhaust to headers and tighten hardware.

****Kooks Long Tube Headers to factory connection do not the use of the rear O²'s**

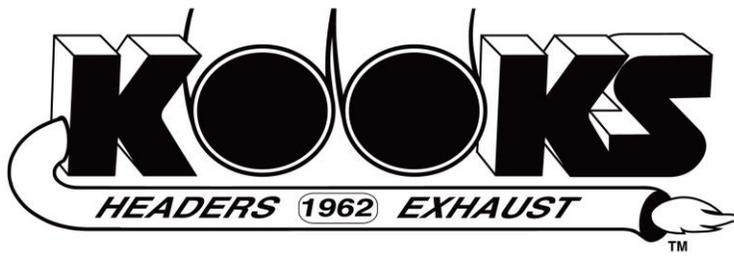
Contact Kooks Headers and Exhaust if you wish to weld in rear O² bungs to your application. **

STEP 5. O² Sensors

- Apply anti seize to the threads of all O² sensors.
- Install O² sensors noting their original location.
- Install supplied O² extensions where needed.

STEP 7. Engine

- Reinstall spark plug wires and spark plugs.
- Reinstall dip stick tube noting original routing using dip stick spacer supplied.
(Not all applications require the use of a dip stick spacer).
- Reinstall engine covers.



STEP 8. Steering Shaft

- Note the original orientation of steering shaft.
- Align steering shaft with previously made marks.
- Apply thread locker to steering shaft bolt.
- Install steering shaft bolt and tighten.

STEP 6. Air Box

- Install air box base.
- Install filter and air box lid w/ air intake tube.

STEP 7. 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 Custom Headers
Toll free at 1-866-586-KOOK or contact your local dealer.**