

## 2010-2015 Camaro SS / ZL1 / Z28 Header Installation Instructions

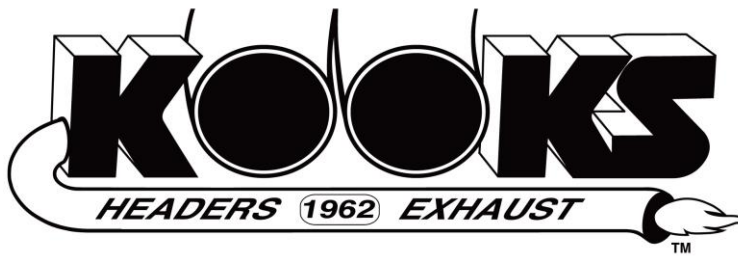


Do not attempt this installation if proper safety equipment isn't available to you.  
Seek the assistance of a professional installer.

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 the 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 and 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. O2 Sensors**

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

#### **STEP 4. Dip Stick Tube**

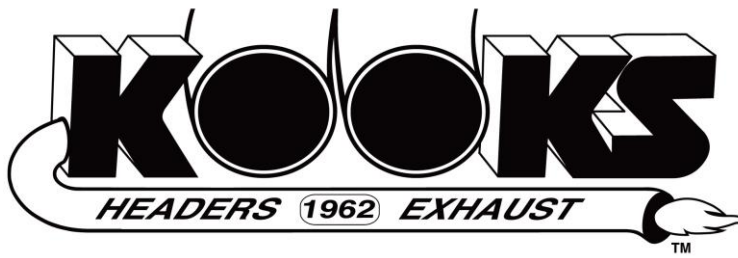
- Note the routing and orientation of the dip stick tube before removal.
- Remove dip stick tube.

#### **STEP 5. Factory Catalytic Convertors**

- Unbolt Factory Clamps connecting convertors to cat back system
- Slide pipes apart and separate them

#### **STEP 6. 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 Headers (Drivers Side and Passenger Side)**

- Install headers into engine compartment, from the top or bottom.
- 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**

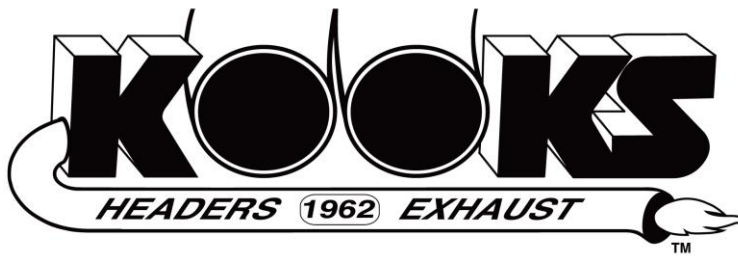
- Remove steering shaft rubber boot cover if necessary for header clearance.

### **STEP 5. Kooks Connection Pipes**

- Loosely install connection pipes on vehicle using supplied hardware.
- Align system for maximum clearance.
- Tighten system from rear to front of the vehicle.

### **STEP 6. O2 Sensors**

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



**STEP 7. Spark Plugs and Spark Plug Wires**

- Reinstall spark plugs.
- Reinstall spark plug wires
- For 2" Headers we do recommend using wires with 45° or 90° boots for clearance. We also recommend using heat sleeves for added protection.
- Reinstall the engine cover, if so equipped

**STEP 8. Battery**

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

**STEP 9. 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.**