

**2011+ Jeep Grand Cherokee/SRT
2018+ Track Hawk
2011+ Dodge Durango
Header Installation Instructions**



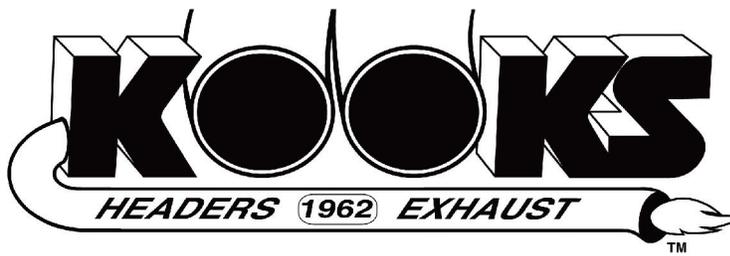
Do not attempt this installation if proper safety equipment isn't available to you.
Seek the assistance of a professional installer.

Kooks Jeep headers install from beneath the vehicle.
Raising and securing the vehicle is a must.

Read and understand all instructions before beginning.

To install this system the following tools are suggested:

- Vehicle Lift (Jack and 4 Jack Stands)
- Engine Cradle (2" Headers Only)
- 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" O² Socket (7/8" Wrench)
- Gasket Scraper
- Allen Head Socket Set
- Metric Wrench Set (Ratchet Wrenches)
- Standard Screwdriver Set
- Safety Glasses
- Paint Pen (Marker)
- Service Manual
- Thread Locker
- Anti-seize



SYSTEM LAYOUT

Components to Ship With

Bolts-

1) BK104 - HEMI Engine Locking Header Bolt Kit

Gaskets -

1) 755872 - Cometic Dodge Chrysler Gaskets 6.1 & 6.4

O2 Ext-

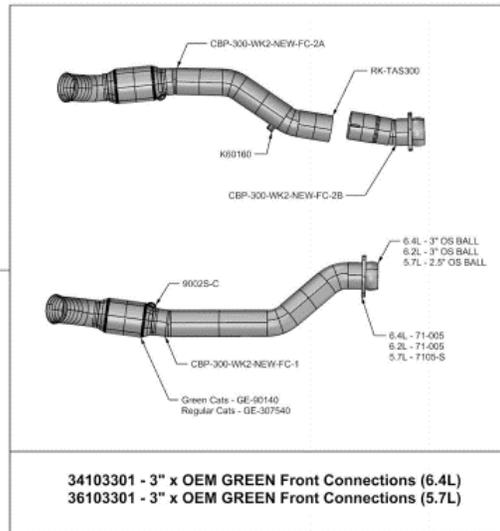
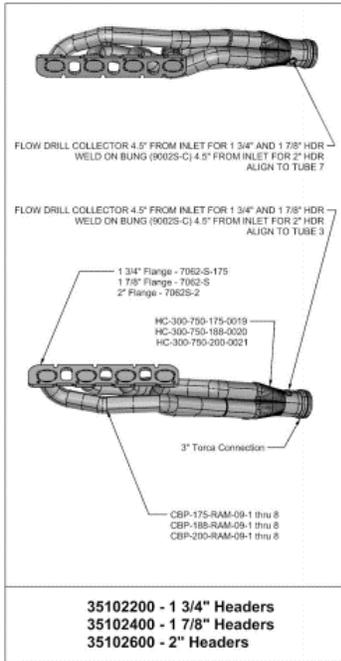
1) CAS-105067 - O2 Ext. Chrysler 5.7/6.1/6.4 Hemi

1) CAS-104322 - O2 Sensor Ext - 15+ Hellcat (Use for a Track Hawk)

Clamps-

2) K61003 - Norma 3" Ball Clamp SEC 75

1) RK-TAS300

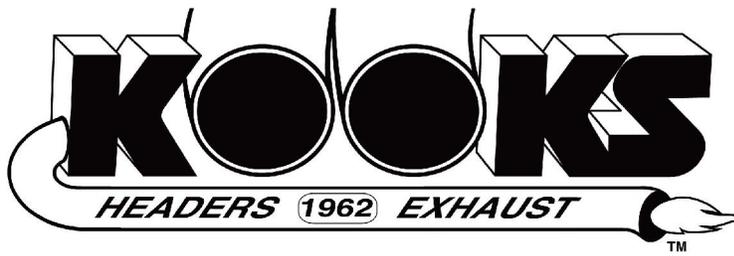


TO KOOKS

TO OEM

TOP VIEW

11+ Jeep WK2
18+ Jeep Track Hawk
Headers and Front Connections



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

To aid in the overall speed of disassembly, the following steps will be performed from the topside of the Engine Compartment before moving to the underside.

STEP 1. Battery

- Disconnect the negative and positive battery terminal.

STEP 2. Air Box

- Disconnect the Mass Airflow Sensor.
- Remove the Air Intake Hose.
- Unclip the top half of the Air Box and remove the Filter Element.
- Remove the lower half of the Air Box.

STEP 3. ECM and Fuse Box

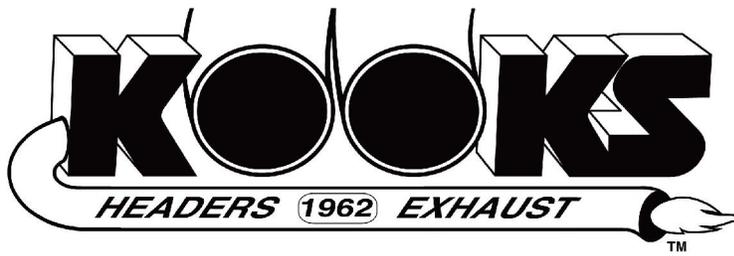
- Unclip ECM Harness connections and remove ECM.
- Remove three 10mm Fuse Box Nuts.
- Gently lift Fuse box and swing away from the Engine.
(Allows access to Passenger Exhaust Manifold and Dipstick removal)

STEP 4. Exhaust Manifolds

- Remove Exhaust Manifold Heat Shields
- Remove all Exhaust Manifold Bolts visible from above the engine compartment.
 - Dipstick Tube hardware will be re-used during installation.
Remaining Exhaust Manifold Hardware can be removed at a later time.

STEP 5. Dipstick

- Remove Dip Stick and Dip Stick Tube.
 - Note the location of Dipstick mounting.



The remaining removal steps will be from beneath the Vehicle.

STEP 6. Skid Plate

- Remove the Front and Mid Skid Plates.

STEP 7. Subframe Support Braces (Located at rear of transmission on either side)

- Remove Subframe Support Braces. (x2)

STEP 8. 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 9. Factory Catalytic Converter / Front Connection Pipes

- Support the Factory Catalytic Converters / Front Connection Pipes.
- Remove Catalytic Converter Nuts.
- Remove four Nuts and hardware from rear of Factory Front Connections.
- Remove Catalytic Converters and Front Connections.

STEP 10. Starter

- Remove Starter Heat Shield
- Disconnect Starter Wires.
Note the location of each wire
- Remove the Bolts from Starter.
- Remove Starter.

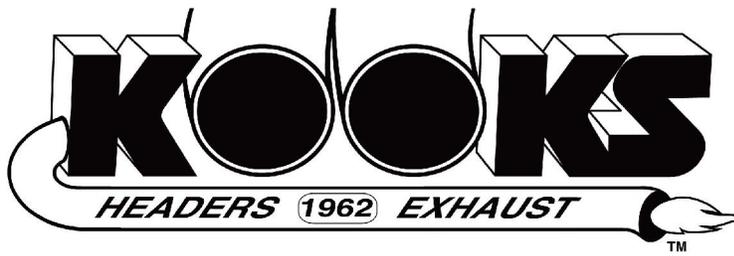
STEP 11. Exhaust Manifold (Drivers Side and Passenger Side)

- Remove remaining Exhaust Manifold Bolts.
- Remove Exhaust Manifold.

Exhaust Manifold hardware will be replaced with the supplied Kooks hardware.

STEP 12. Cylinder Head (Drivers Side and Passenger Side)

- Clean Cylinder Head.



****2" Header Installation Only****

- Kooks recommend the use of an Engine Cradle for safety and ease of installation.
- Remove Engine Mount Bolts
- Raise Engine approximately 1½”.

****DO NOT SUPPORT ENGINE ON OIL PAN****

Kooks Header and Connection Pipe Installation Process

****All hardware should be tightened to factory specifications****

STEP 1. Starter

- Align Starter and start three Starter Bolts.
- Tighten Starter Bolts.
- Install Starter Wires noting original location of each. ****Do Not over tighten****

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

- Align supplied gasket and start two of the four Lower Header Bolts.
****Note Correct Hardware****
- Align Header on Lower Header Bolts and start remaining Header Bolts.
- Lower Engine (2”Header Only)
- Tighten Headers to Factory Exhaust Manifold Torque Specs using Factory Torque Spec Sequence.

STEP 2. Engine Mount (Drivers Side and Passenger Side)

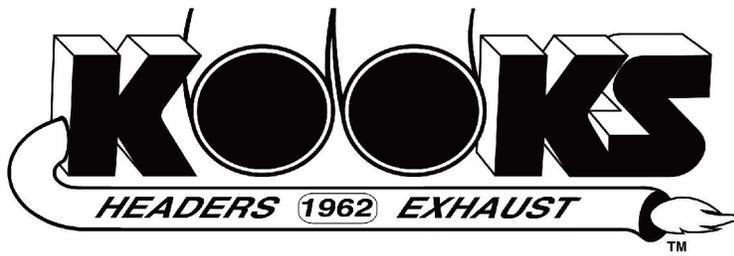
- Apply Thread Locker to Engine Mount Bracket Hardware.
- Tighten Engine Mounts.

STEP 3. Subframe Support Brace

- Align Subframe Support Brace.

STEP 4. Kooks Front Connection

- Align Kooks Connection with Kooks Headers and Mid Pipes.
 - Support Exhaust System in correct location.
- Install all hardware and tighten front to rear.
 - Use supplied Hardware.



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.
 - Short Extensions are for front O²'s. Track Hawk uses the 8-pin extension.
 - Long Extensions are for rear O²'s.

STEP 6. Air Box

- Align Lower Air Box and tighten Bolt.
- Install Filter Element and reinstall Air Box Lid.
- Align Air Intake Hose and tighten.

STEP 7. ECM and Fuse Box

- Align the Fuse Box and tighten Bolts.
- Replace the ECM and connect Wiring Harness.
- Assure all steps have been completed and connect the negative Battery Cable.

STEP 8. 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.**