

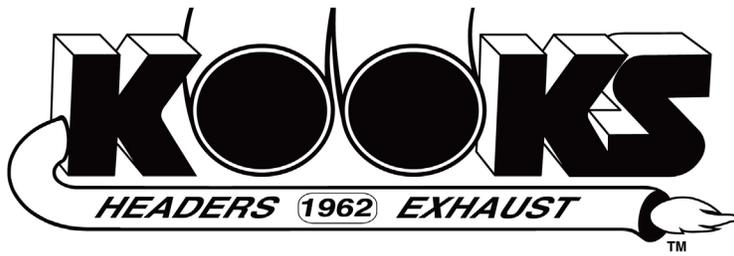
## 2021+ Ram TRX Installation Instructions



**Thank you for your purchase, we appreciate your business.**

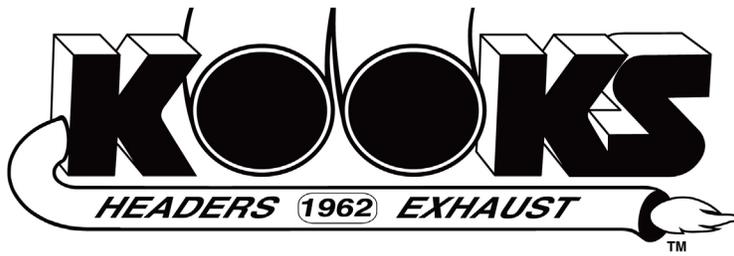
**If additional assistance is needed, please contact Kooks Headers and Exhaust**

**Toll free at 1-866-586-KOOK or contact your local dealer.**



## System Layout

<p><b>35212600</b> 2" x 3" Long Tube Headers</p>	<p><b>35213400</b> 3" x OEM H.O Green Catted Connections</p>								
<p><b>35212400</b> 1 7/8" x 3" Long Tube Headers</p>	<p><b>35213100</b> 3" x OEM Competition Connections</p>								
<table border="1"> <tr> <td data-bbox="886 1192 1117 1262"><b>3521H640</b></td> <td data-bbox="1117 1192 1479 1262">2" x 3" Long Tube Headers 3" x OEM H.O. Green Connections</td> </tr> <tr> <td data-bbox="886 1262 1117 1331"><b>3521H610</b></td> <td data-bbox="1117 1262 1479 1331">2" x 3" Long Tube Headers 3" x OEM Competition Connections</td> </tr> <tr> <td data-bbox="886 1331 1117 1400"><b>3521H440</b></td> <td data-bbox="1117 1331 1479 1400">1 7/8" x 3" Long Tube Headers 3" x OEM H.O. Green Connections</td> </tr> <tr> <td data-bbox="886 1400 1117 1470"><b>3521H410</b></td> <td data-bbox="1117 1400 1479 1470">1 7/8" x 3" Long Tube Headers 3" x OEM Competition Connections</td> </tr> </table>		<b>3521H640</b>	2" x 3" Long Tube Headers 3" x OEM H.O. Green Connections	<b>3521H610</b>	2" x 3" Long Tube Headers 3" x OEM Competition Connections	<b>3521H440</b>	1 7/8" x 3" Long Tube Headers 3" x OEM H.O. Green Connections	<b>3521H410</b>	1 7/8" x 3" Long Tube Headers 3" x OEM Competition Connections
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**Do not attempt this installation if proper safety equipment is not available to you – seek the assistance of a professional installer**

**Read and understand all instructions before beginning**

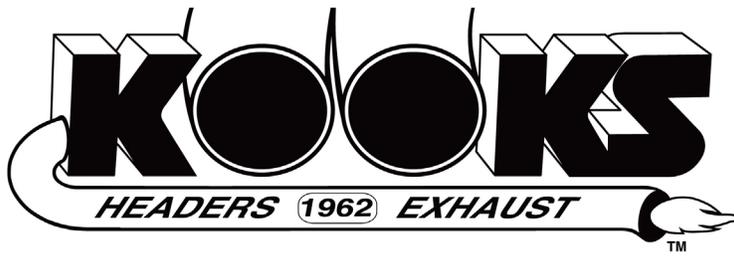
### **Vehicle Preparation**

\*\* Raise and support vehicle (refer to owner's manual for specified lifting points)\*\*

\*Always disconnect the battery before performing this type of work on any vehicle\*

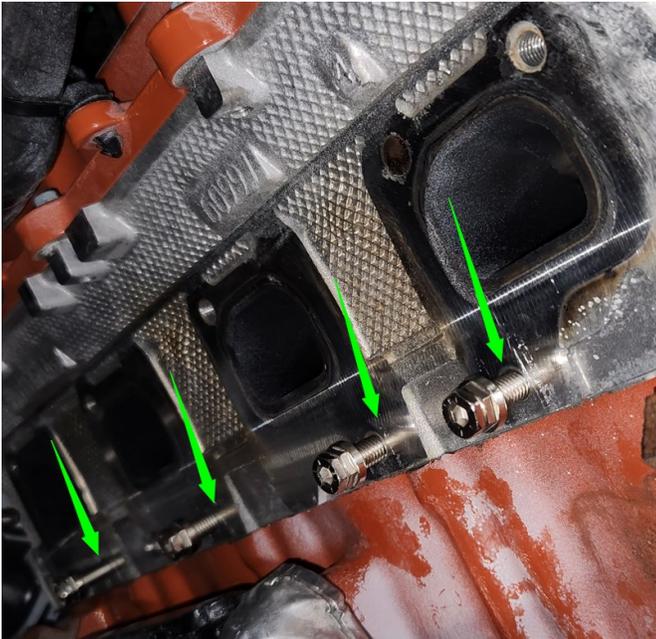
### **OEM Exhaust Removal**

- Loosen and remove bolts for SKID PLATE
- Loosen and remove OXYGEN SENSORS \*\*NOTE the location of each SENSOR\*\*
- Loosen and remove bolts connecting exhaust to MANIFOLD
- Lower vehicle and remove front wheels
- Remove front inner fender wells
- Loosen and remove nuts retaining HEAT SHIELDS
- Loosen and remove exhaust MANIFOLD bolts
- Remove exhaust MANIFOLD (discard)



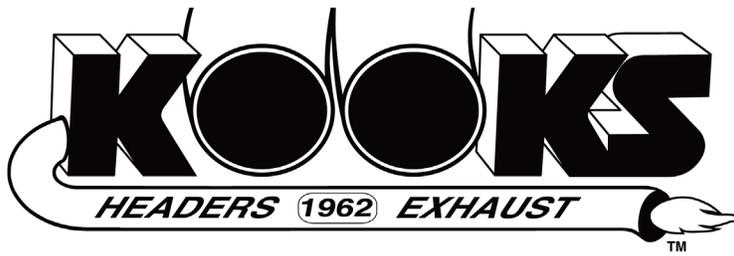
## KOOKS Headers and Exhaust Installation

- Clean all gasket sealing surfaces prior to installation of headers
- Install lower HEADER BOLTS into head on both driver and passenger side
  - o Driver side put all (4) lower bolts in. Should look like image below--



- o Passenger side put (1) lower bolt second from front. Should look like image below--

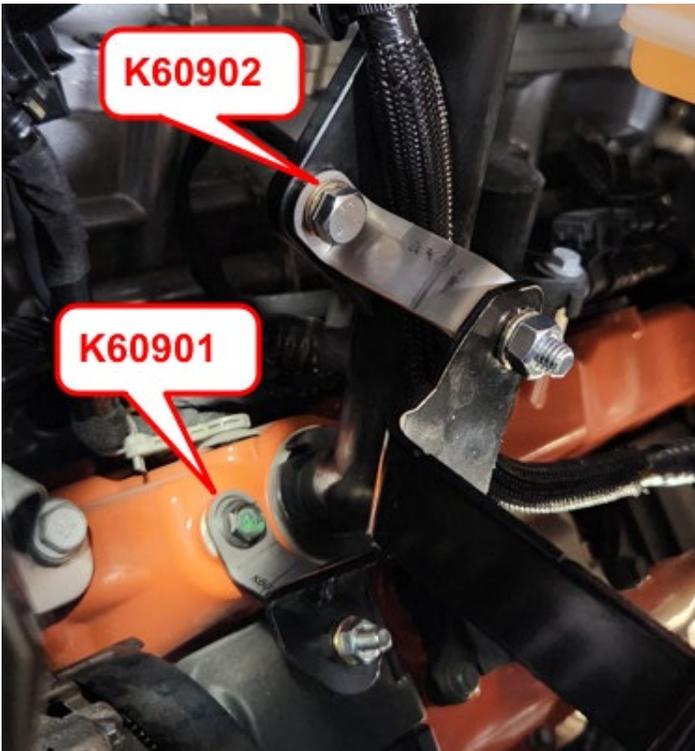


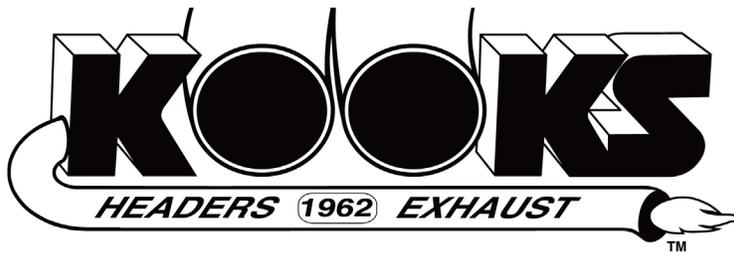


- Install new HEADER GASKETS
- Install HEADERS **\*\*BOTH INSTALL FROM UNDERNEATH VEHICLE\*\***
- Install OEM stud on driver side front top and stack OEM spacer with supplied Kooks OIL DIPSTICK SPACER. Insert dip stick bracket onto stud. Should look like image below-

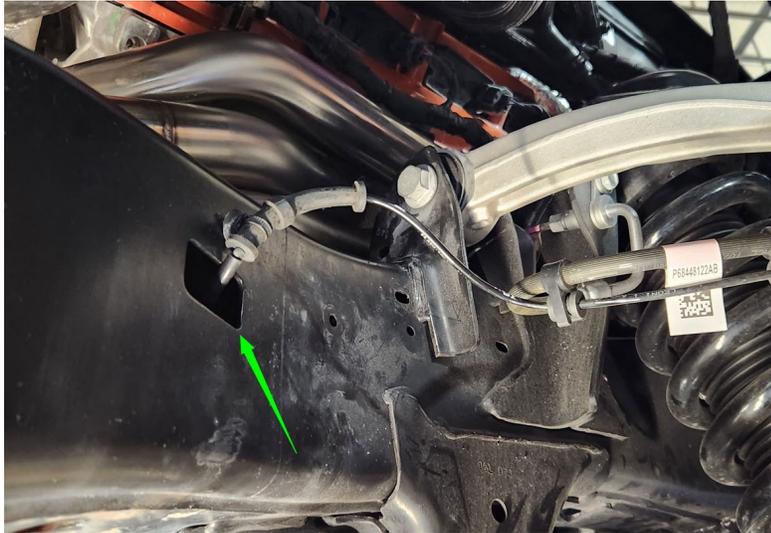


- Move to top driver side of engine. Install supplied dip stick spacer brackets (K60901 and K60902) and supplied hardware onto top of valve cover, oil fill tube, and dip stick. K60901 bolts to valve cover using OEM bolt and to dip stick using M6x1 – 15mm bolt and M6 Nylon nut. K60902 bolts to oil fill tube using M8x1.25 – 20mm bolt and to dip stick using M8x1.25 – 20mm bolt and M8 Nylon Lock Nut. Should look like image below-

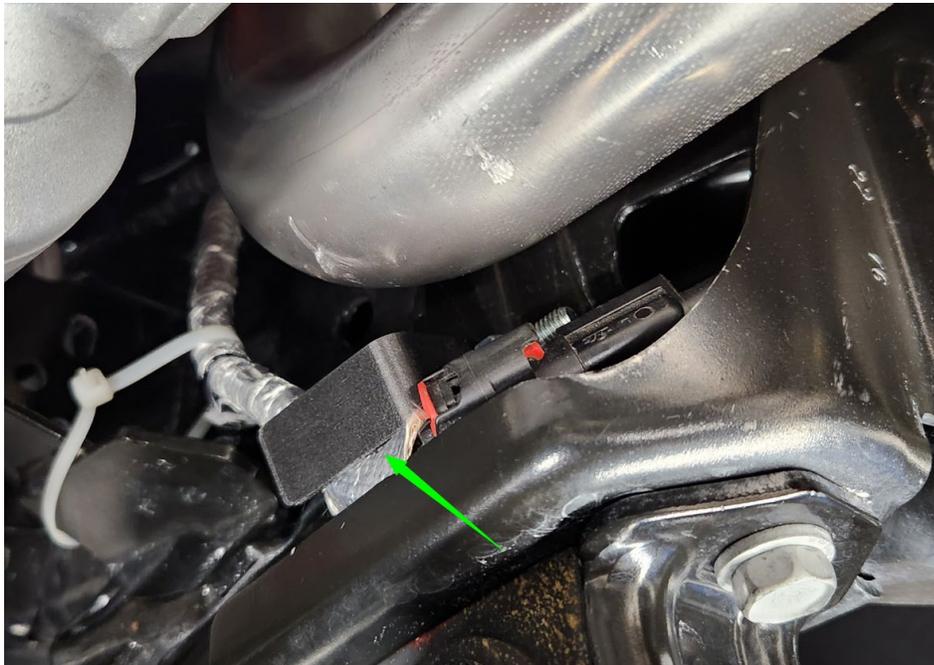




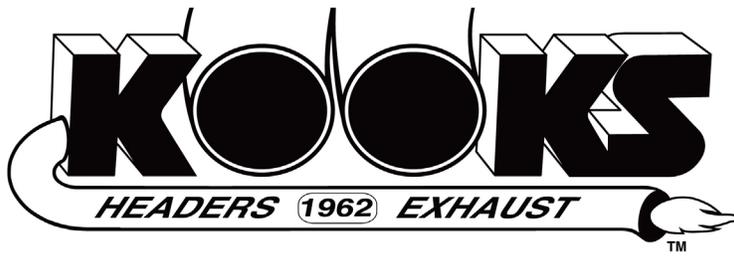
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- Tighten HEADER BOLTS to OEM Torque Specs
- Reroute PASSENGER side wiring harness away from primaries
  - o Reroute wiring on frame rail to go through hole in frame, should look like image below-



- o
- o Using bracket (K60903) and supplied hardware (M8x1.25-20mm Bolt and M8 Nylon Lock Nut), bolt bracket into hole located above sway bar mount on frame. Route wiring under bracket. This will keep wires away from primaries. Should look like image below-



- Install UPSTREAM oxygen sensors in HEADER COLLECTORS (apply antiseize)
- Install DOWNSTREAM oxygen sensors in CONNECTIONS (apply antiseize)
- Install CONNECTIONS onto HEADERS using supplied clamps.



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- Connect CONNECTIONS to OEM exhaust using OEM gaskets and hardware.
- Re-install SKID PLATE.
- Re-install fender wells and front wheels.
- Tighten all clamps to OEM torque specs
- Clean all fingerprints/oil/grease from exhaust prior to starting engine
- Start engine and check for exhaust leaks (tighten clamps as needed)
- Allow engine to complete one full heat cycle (heat to operating temp, cool to ambient temp)
- Re-torque all connections

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