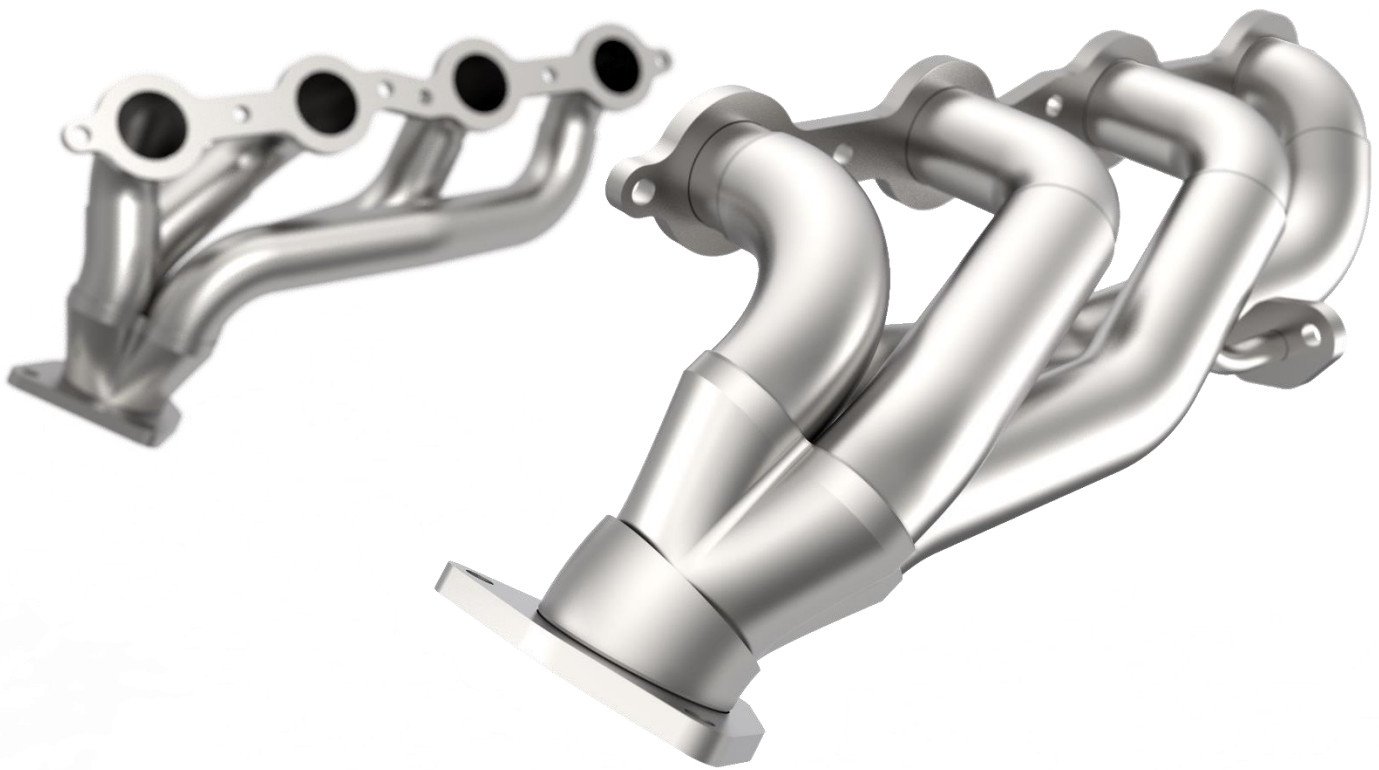
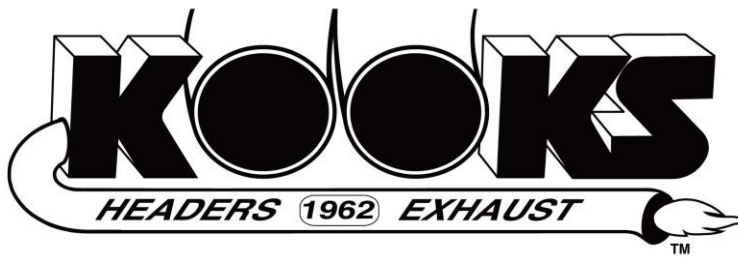


99-13 GM-Truck + SUV Shorty Header Installation Instructions

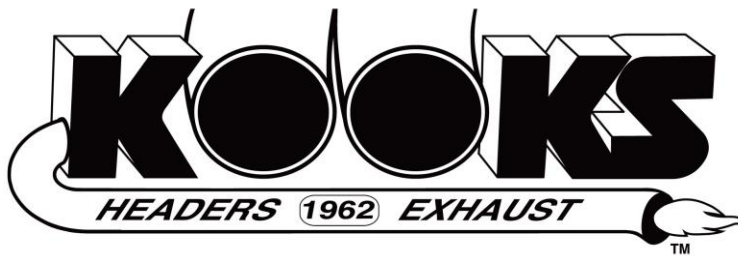


**Thank you for your purchase, we appreciate your business.
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Toll free at 1-866-586-KOOK or contact your local dealer.**



System Layout

28501110 - w/ EGR	28501120 - w/o EGR						
<p>Components to Ship With-</p> <ul style="list-style-type: none"> 1) 754001 - L/S Gasket (3 Bolt) 1) 754002 - R/S Gasket (Donut) 1) 754003 - EGR Gasket 1) PY-8024-AL - Header Gasket 1) SB-B60029 - Header Bolts 1) SB-B60069 - Collector Bolts 1) SB-B60070 - EGR Bolts 	<p>Components to Ship With-</p> <ul style="list-style-type: none"> 1) 754001 - L/S Gasket (3 Bolt) 1) 754002 - R/S Gasket (Donut) 1) PY-8024-AL - Header Gasket 1) SB-B60029 - Header Bolts 1) SB-B60069 - Collector Bolts 						
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">28501110</th> <th style="width: 50%; text-align: center;">28501120</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: top;"> <p>99-02 GMPU 4.8L, 5.3L, 6.0L w/ EGR</p> </td> <td style="text-align: center; vertical-align: top;"> <p>03-13 GMPU 4.8L, 5.3L, 6.0L, 6.2L w/o EGR</p> </td> </tr> </tbody> </table>	28501110	28501120	<p>99-02 GMPU 4.8L, 5.3L, 6.0L w/ EGR</p>	<p>03-13 GMPU 4.8L, 5.3L, 6.0L, 6.2L w/o EGR</p>	
28501110	28501120						
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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.

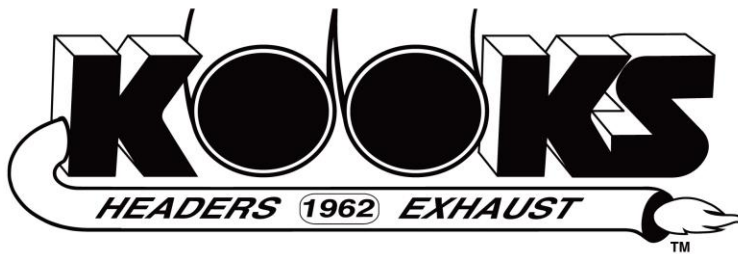
To install this system, the following tools are suggested:

- Vehicle Lift or Jack and 4 Jack Stands
- Engine Cradle
- 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
- O₂ Socket (or Wrench)
- Gasket Scraper
- Metric Wrench Set
- T-40 Torx Bit
- Exhaust Hanger Pliers (groove joint pliers)
- Standard Screwdriver Set
- Safety Glasses
- Paint Pen or Marker
- Vehicle Service Manual
- Thread Locker
- Penetrating Oil
- Anti-seize
- Zip Ties

Vehicle Preparation

****Raise and Support Vehicle (Refer to Owner's Manual for specified jacking points) ****

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

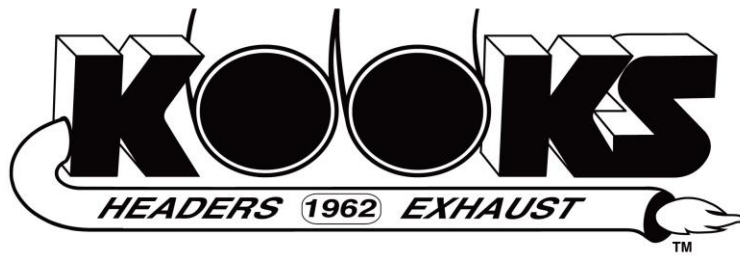


FACTORY MANIFOLD REMOVAL

- STEP 1.** Remove inner fender liner to get more access to manifolds.
- STEP 2.** Disconnect spark plug wires.
- STEP 3.** Disconnect steering shaft. (single bolt joins 2-piece shaft)
- STEP 4.** Unbolt manifold from exhaust at the 3-bolt flange (driver and passenger).
- STEP 5.** Unbolt passenger side EGR fitting (if equipped)
- STEP 6.** Unbolt bracket for dipstick on passenger side and remove dipstick.
- STEP 7.** Unbolt manifold from head, remove manifold from bottom of vehicle.
- STEP 8.** Clean surface of head.

KOOKS HEADER INSTALLATION PROCESS

- STEP 1.** Locate supplied head gasket (PY-8024-AL) and header bolts (SB-B60029). Apply anti-seize to all bolts. Install Kooks header with gasket and hardware. Tighten header starting from the center and work outwards.
- STEP 2.** Reconnect spark plug wires.
- STEP 3.** Reconnect steering shaft.
- STEP 4.** Reconnect EGR fitting (if equipped). Use supplied gasket (754003) and supplied hardware (SB-B60070).
- STEP 5.** Reconnect dipstick tube.
- STEP 6.** Locate supplied gaskets and hardware to connect header to exhaust. 754001 3-bolt gasket for the driver side. 754002 is a donut gasket for the passenger side. SB-B60069 is the hardware for both connections. The 1-1/2" long bolts go to the driver side. The 2" long bolts go to the passenger side. Apply anti-seize to all bolts. Connect headers to factory exhaust.
- STEP 7.** Start engine and check for exhaust leaks. Allow vehicle to complete one heat cycle (Heat to temp and allow for cooling). Re-torque all bolts.



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