



141 Advantage Place Statesville, NC 28677

2023+ Chevrolet C8 Z06 Header Installation Instructions

Read and understand all instructions before beginning.

****This installation is complex, the use of a professional installer is advised if a 2-post lift is not readily available.****

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

Tools needed:

- IRP30 TORX (Z07)
- T15 TORX
- T30 TORX
- T40 TORX
- 1/4", 3/8", and 1/2" ratchets
- 1/4" & 3/8" extensions
- 1/4" & 3/8" swivels
- FT-LB torque wrench
- Push clip removal tool
- 10mm and 12mm wrench
preferably swivel head ratchet wrench
- 2 X 15mm wrench *preferably 1 swivel head ratchet wrench*
- 1/4" drive 7mm, 8mm, 10mm deep sockets
- 3/8" drive 10mm, 13mm, 15mm deep sockets and a 12mm shallow socket
- 1/2" drive 22mm deep socket
- 7/8" O2 sensor socket
- Quick disconnect tool

Thank you for your purchase, we appreciate your business.

If additional assistance is needed, please contact Kooks

Email your order information and photos to tech@kooksheaders.com

or call 1-866-586-KOOK

Bumper Cover / Fender Liner Removal

- Starting at the front of the vehicle remove front trunk side panels and unclip the battery cover.
- Disconnect battery.
- Move to rear of the vehicle and remove the panels located above manifolds.
- Lift and support vehicle with proper equipment at approved lifting points. (Use of a 2-post lift is recommended.)
- Remove under tray just behind the diff. 1 push clip and 10 x 7mm bolts.
- Remove rearmost under tray. 2 push clips, 4 x T15 TORX, and 6 x 7mm bolts.
- Remove rear wheels.
- Remove splash guards and inner fender liners by removing 12 x T15 TORX screws, 4 x push clips, and 3 x 7mm bolts per side.
- Remove bumper cover starting with 1 x 10mm nut and 2 x 7mm bolts per side where cover meets the quarter panel.
- *Z07 Only* Using IPR30 TORX remove 4 x TORX screws securing wing to mounts and 4 x 10mm bolts securing mounting blocks to chassis.
- Remove 16 x T15 TORX screws that secure the bumper cover to the chassis along the top edge of the bumper and 2 x T15 screws in the corner of the fender on each side.
- While having 2 helpers support the bumper cover disconnect the 3 harness connectors. 1 x driver side and 2 x passenger side.
- Bumper cover is now free to be set aside.

Cat-Back Removal

- Disconnect NPP valve actuator connectors.
- Support cat-back with jack stands.
- Using 13mm socket remove the 4 x 13mm bolts securing the rear most hangers to the chassis.
- Using 24" extension remove the 3 x 13mm nuts securing the cat-back to the passenger side cat.
- Using 24" extension remove the 2 x 15mm nuts securing the cat-back to the driver side cat.
- Slide the cat-back forward and remove the 4 x 13mm bolts securing the front hangers to the chassis.
- Lower the cat-back and set aside.



OEM Airbox Removal

- Remove the trunk carpet covering airbox access panel by removing 4 push pins (2 on either side), followed by the 2 screw on cargo net hooks, and removable roof mounts if the vehicle is a coupe.
- Remove T15 TORX screws securing the trunk front panel to gain access to the airbox.
- Remove 10mm bolts, 8 total, from the airbox couplers.
- Unplug both MAF sensors, loosen the 4 hose clamps securing the boots between the intake manifold and airbox.
- Disconnect the temperature sensor and harness retention clip.
- Remove the 2 x T30 mounting bolts and remove the airbox from the vehicle.

OEM Cat Removal

- Using a pair of needle nose pliers release the EVAP line from the strut brace on the passenger side. Remove the push pin clips securing the harnesses to the underside of each brace. Remove 4 x T30 bolts securing the braces and set them aside.
- Using the quick disconnect tool, disconnect the EVAP line on the passenger side and move out of the way
- Remove the 2 x 13mm bolts from the cat hangers and 1 x 13mm bolt that secures the hangers to the chassis.
- Unplug and unscrew the downstream O2 sensors, noting location for reinstallation.
- Using a 10mm socket remove the cat/manifold heat shielding.
- Remove the 3 nuts holding the connection to OEM catted pipes to the manifold using a 15mm socket or wrench and remove the cat from the vehicle.

OEM Manifold Removal

- Note location of and remove O2 sensors from factory exhaust manifolds.
- Unbolt factory manifolds from head using a 12mm socket or wrench.
- Remove manifolds from vehicle.



Kooks Installation

- Clean the mating surface of the head.
- Secure the new header gasket to the header flange using a pair of zip ties to ensure the gasket stays in place.
- Lower the header down into position. Using the supplied Kooks hardware thread the 2 outer bolts into position on the head by hand. Clip and remove the zip ties. Install the remaining hardware and torque to GM spec using the GM sequence.
- Then repeat for the other side.
- Install supplied OEM replacement gaskets to your Kooks catted connections.
- Connect to catted connection using supplied Kooks hardware torquing to OEM spec.
- Apply anti-seize to your O2 sensors and reinstall them in their original locations and plug them into the harness.
- Install supplied heat wrap around coolant line on the passenger side towards front of the engine compartment
- Reinstall strut tower braces torquing to OEM spec.
- Reconnect the EVAP line and secure all harnesses back to the strut braces.
- Reinstall panels on top of strut tower braces.
- Reinstall the airbox, reconnect all sensors, and secure the harness back to its original location.
- Install cat-back exhaust.
- Clean all fingerprints/oil/grease from exhaust prior to starting engine.
- Start engine and check for exhaust leaks.
- Allow engine to complete one full heat cycle (heat to operating temp, cool to ambient temp)
- Re-torque all connections and header flanges.
- Reinstall bumper cover, wing if applicable, inner fenders, splash guards, and wheels torquing to factory spec.
- Enjoy.

Welcome to



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