



Kooks Custom Headers

2006-2012 Z06&ZR1 Corvette installation instructions

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

Kooks Z06&ZR1 headers install from underneath the vehicle. Raising and securing the vehicle with jack stands is a must if a lift is not available. To install this system you will need a general assortment of hand tools, four jack stands, one hydraulic jack, a gasket scraper, surgical gloves, and safety glasses.

#1—Disconnect the negative battery terminal using a 10mm wrench, then remove the dipstick and tube by removing the 15mm screw that holds the tube to the block.

#2—Remove the spark plug wires, and the spark plugs.

#3—Raise the vehicle, and secure with jack stands. The vehicle will need to be raised 24 in. off the ground.

#4—Unplug front and rear oxygen sensors, but remove only the rears at this time.

#5—Remove the factory H-pipe, then remove the exhaust manifolds and cats.

#6—With care, inspect and clean the exhaust port surfaces using a gasket scraper. These heads are aluminum. Proceed with caution.

#7—Remove the transmission cooler line hold down bracket, located on the passenger side of the block just forward of the bell housing. Install the new bracket from the installation kit, by gently raising the lines and bolting the new bracket to the cylinder block. Wrap thermo barrier tape around transmission cooler lines, as they will be close to the header.

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#7b—Loosen the dry sump lines from the oil pan, have a drain pan ready as the oil is going to drain. Move the the lines aside to allow room for header to be installed.

#8—**Connect the oxygen sensors into the Kooks** headers, and tighten them completely at this time. Slide the headers up and into position from under the vehicle. Attach the headers and gaskets with two of the 13mm header bolts from the installation kit, but do not tighten them.

Factory Gaskets may be reused if they are not damaged
Apply light bead of high temp silicone

#9—Reconnect the front oxygen sensors, using the new extension harnesses from your installation kit.

#10—Install remaining header bolts but do not tighten.

#11—Install the **Kooks** “X” pipe and mid pipe with the O2’s facing up, using the hardware and clamps provided. Reinstall the dry sump lines. ***Be sure to fill engine with oil***

Now tighten the complete assembly after checking that every thing is properly aligned.
Exhaust tips centered, and the “X” pipe properly aligned in the tunnel.

#12—Connect the rear oxygen sensor extension harnesses using the remaining two harnesses in your kit.

#13—Reuse the two nuts to secure the mid pipe hangers, and reinstall the dip stick and tube.

You have just installed the finest exhaust system you can buy, enjoy it.
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 dealer.**

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