



Kooks Custom Headers 2007-2008 ZO6/LS7 installation instructions

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

Kooks C6 headers install from under the vehicle. Raising and securing the vehicle with jack stands is a must if a lift is not available.

To install the system you will need only the general assortment of hand tools. But you will also want to have on hand the following:

- Four jack stands
- One hydraulic jack
- Gasket scraper
- Anti seize
- Spray lubricant
- WD-40
- Surgical gloves
- Safety glasses

It is a good idea to spray the WD-40 to help loosen the connections and fasteners at this time. While the lube is doing its job we can start the installation.

1. Disconnect the battery using a 10mm wrench
2. Remove the spark plug wires and the spark plugs. Next remove the dipstick and tube by removing the 15mm screw that holds the tube to the block.
3. Raise the vehicle and secure with jack stands. The vehicle will need to be raised 24in off the ground.
4. Unplug front and rear oxygen sensors but remove only rears at this time. **NOTE mark the location of all sensors, they must go back in the same locations.**
5. Remove the manifolds and the complete exhaust system. (If being reused the cat back may be left in place.) If you are replacing the complete exhaust system remove the two 13mm nuts that hold the muffler assembly in place on the ground, you can then remove the front oxygen sensors.
6. With care, inspect and clean the exhaust port surfaces using a gasket scraper. These heads are aluminum so proceed with caution. **If your car is not an automatic proceed to #8**
7. Using an 8mm wrench remove the automatic transmission cooling line hold down bracket located on the passenger side of the block just forward of the bell housing.

- It is highly recommended at this time that you install the thermo barrier self sticking tape enclosed in the installation kit around the transmission cooling lines as they will be close to the header. Then loosen the dry sump lines from the block and temporarily pull them out to the side to allow clearance for the headers. Install the new transmission line bracket from the installation kit by gently raising the lines and bolting the new bracket to the cylinder block.
8. **Coat the threads of the oxygen sensors with anti seize and install them in the Kooks headers,** tighten them completely at this time. Slide the headers up into position from under the vehicle. Attach the headers and gaskets with two of the 13mm header bolts per side, from the installation kit, but do not tighten them.
 9. Reconnect the front oxygen sensors using the new extension harnesses in your kit.
 10. Install remaining header bolts but do not tighten.
 11. Install the Kooks “X” Pipe and mid pipe using the hardware and clamps provided. (The mid pipe with the three bands installs on the drivers side.)
 12. Install the dry sump lines and make sure they clear the header tubing. You can now tighten the complete assembly after checking that everything is properly aligned. (Exhaust tips centered and the “X” Pipe properly aligned in the tunnel.)
 13. Connect the rear oxygen sensor harnesses using the remaining two harnesses in your kit.
 14. Reuse the two 13mm nuts to secure the mid pipe hangers. Reinstall the spark plugs, spark plug wires, battery, and dip stick assembly.

If additional assistance is needed, please contact Kooks Custom Headers toll free @ 866-586-KOOK or contact ZIP Products @ 800-962-9632.

Kooks Custom Headers – 200 Candlewood Road – Bay Shore, NY 11706
www.kookscustomheaders.com