



## **Kooks Custom Headers**

### **2005-2008 C6 Corvette installation instructions**

Thank you for your purchase, we appreciate your business.

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 this system you will need the following:

- .8mm
  - 10mm
  - 13mm
  - 15mm
  - & 9/16 wrench
  - One 5/8 spark plug socket and ratchet
  - Four jack stands
  - One hydraulic jack
  - Gasket scraper
  - Surgical gloves
  - Safety glasses
1. Disconnect the battery using a 10mm wrench, and 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 plug.
  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 the rears at this time.
  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. They are located just forward of the rear wheels, in the drive shaft tunnel. With the old system on the ground, you can then remove the two front oxygen sensors.

6. With care inspect and clean the exhaust port surfaces using a gasket scraper. These heads are aluminum. Proceed with caution. (If your car is not an automatic proceed to # 8).
7. Using a 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. Install the new housing from the installation kit, by gently raising the lines and bolting the new bracket to the cylinder block.
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.
9. Reconnect the front oxygen sensors using the new extension harnesses from you 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 bends installs on the driver's side). 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).
12. Connect the rear oxygen sensor extension harnesses using the remaining two harnesses in your kit.
13. Re-use the two 13mm nuts to secure the mid pipe hangers, and reinstall the dipstick and tube.

**You have just installed the finest exhaust system you can buy.  
If additional assistance is needed please contact Kooks Custom Headers toll free @  
866-586-KOOK or ZIP Products @ 800-962-9632.**

**Kooks Custom Headers – 200 Candlewood Road – Bay Shore, NY 11706**  
[www.kookscustomheaders.com](http://www.kookscustomheaders.com)