

Kooks Custom Headers

2004-2007 Cadillac CTS-V Installation instructions

Thank you for your purchase, we appreciate your business

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

Kooks 2004-2007 Cadillac 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 want to have on hand a general assortment of hand tools. But you will also want to have the following, four jack stands, one hydraulic jack, a block of wood, a gasket scraper, anti seize, a spray lube, WD-40, also surgical gloves, and safety glasses.

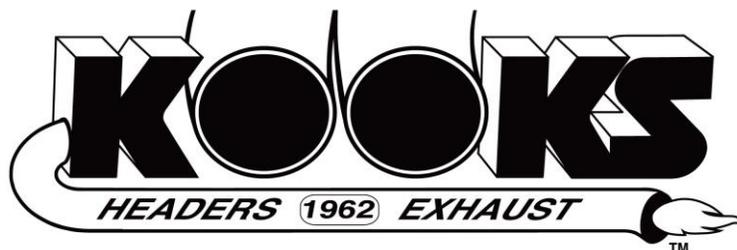
It's a good idea to spray the WD-40 to help loosen the connections and fasteners at this time. While the lube is doing its job, we can start the installation.

#1—Disconnect the battery, and its cover, remove the strut support bars two 18mm bolts, then gently remove the motor cover.

#2—Jack up the vehicle and secure with jack stands.

#3—Mark the location of the oxygen sensors so that they can be reinstalled in the same location later. Then remove them. On the passenger side, it may be easier to disconnect the cat pipe first, then unclip that oxygen sensor. Support the cat so you don't put a lot of stress on the wires.

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#4 Remove the down pipes from the exhaust manifolds. Mark the Steering shaft for removal so that it can be replaced the same way.

Remove the bottom bolt 15mm, and the center bolt 13mm, from the shaft, push up and move the shaft to the side.

#5—Push off the top portion of the plug wires from the coil packs using your index finger and thumbs. Remove the five 10mm bolts from the coil packs. Mark each coil pack. There is a sensor located on the drivers side cylinder head in front of exhaust port #1, unclip it to allow wrench access.

#6—Remove the plug wires from the spark plugs with a gentle up and down wiggle motion as you pull back. Mark each wire as you remove them. Now remove the spark plugs.

#7—Remove the 13mm bolts from the drivers side manifold. You will be to remove all bolts from the top, gently let the manifold slide out through the bottom.

#8—Remove the 15mm bolt on the passenger side support bracket on the dip stick. Carefully pull up on the dip stick. Now turn from side to side lightly, you will feel it release, then remove it. Remove the 13mm bolts from the manifold. Then you can lower the manifold from the bottom.

#9—Clean the exhaust port surfaces of the cylinder heads with a scraper, but be careful not to scratch the heads, they are aluminum.

#10—Install the headers on both sides from under the car, using the 13mm bolts supplied in the kit. Now reinstall the steering shaft by snaking it through the header, and align to the markings you made earlier. Be sure to reinstall the dip stick and tube, and to put the oxygen sensor clip back on the driver's side. When installing the connection pipes, check for proper alignment, and centering before tightening.

**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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