



## Kooks Custom Headers 2004-2006 GTO Installation Instructions

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

**Kooks** GTO headers install from the top on the passenger side and from underneath the vehicle on the drivers side. Raising and securing the vehicle with jack stands is a must if a lift is not available. To install these headers you will need a general assortment of hand tools. But you will also want to have on hand, the following; Four jack stands, one hydraulic jack, a gasket scraper, anti seize, 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.

**Verify that the motor mounts are in usable condition, worn mounts will cause headers to contact steering gear.**

- #1—Disconnect the negative battery terminal.
- #2—Remove the spark plug wires and the spark plugs. Also remove the dipstick and tube.
- #3—Raise the vehicle and secure with jack stands.
- #4—Remove and discard the driver's side heat shield to provide additional space to work. The shield simply slides straight up. Removal of the passenger side shield is not necessary.
- #5—Unclip the front oxygen sensors. Remove the OEM engine pipes and exhaust manifolds. Take extra care to prevent damage to the oxygen sensors.
- #6—Remove the under belly pan below the engine. With care, inspect and clean the exhaust port surfaces using a gasket scraper. These heads are aluminum, proceed with caution.
- #7—Remove the chassis to body bracket on the drivers side. ***This bracket also secures the hydraulic clutch line that leads to the bell housing.***
- #8—Mark the steering shaft at the rack and remove the "pinch" bolt. Remove the fasteners from the steering rack and pinion unit so you can lower the rack for additional clearance. ***You only need to lower the rack approximately one inch.***

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- #9—Remove the driver’s side motor mount bolt located under the sub-frame.  
*Note the drivers side header installation requires raising the motor.*
- #10—Raise the motor on the drivers side approximately two inches and install the driver’s side header. *Note the 2004 GTO has two oxygen sensor extensions, both go on the front sensor cables, but the 2005 GTO has one longer extension cable, it goes on the front drivers side and the other cable goes on the rear of the passenger side. Also note that the steering shaft needs to be positioned with the shaft between pipes one & four and two & three.* With the header in position, slowly lower the motor and catch two header bolts, but leave them loose.
- #11—With the driver’s side still loose, install the chassis to body bracket and the hydraulic clutch line bracket.
- #12—Raise the steering rack into position and install the bolts. Slide the steering shaft into place and note the position of the location mark you made to locate the rack pinch bolt. Install and tighten the bolt. Install the remaining bolts and tighten them. Also install the motor mount bolt.
- #13—Install the passenger side header from the top. There is no need to raise the motor, or disconnect any parts.
- #14—Install the belly pan, and the rest of the connection pipe system including the oxygen sensor retention harnesses.
- #15—Lower the vehicle, reinstall the spark plugs and wires, the dipstick and tube and reconnect the battery.

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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