



## **Kooks Custom Headers Jeep SRT-8 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.

**Kook's** jeep 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 a general assortment of hand tools. But you will also want to have on hand the following, jack stands, one hydraulic jack, a block of wood, 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.

#1—Disconnect the battery

#2—Raise the vehicle and secure with jack stands. The vehicle will need to be 24 inches off the ground.

#3—Mark the location of the oxygen sensors, *they need to be replaced in the same locations* remove them with a 7/8 wrench from the OEM exhaust and just let them hang.

#4—Remove the 15mm bolts that hold the exhaust pipe to the manifolds. Also remove the 15mm nuts that hold the rear of the cat pipes to the front of the muffler. *Save all hardware.*

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#5—Disconnect the ground strap located behind the transmission cross member on the passenger side by removing the single 16mm bolt from the transmission housing, and the 15mm nut on the exhaust system. Leave the 5/16 chassis side of the ground strap attached, now tuck the ground strap into the chassis, out of the way.

#6—It will be necessary to remove the transmission cross member in order to remove the exhaust “Y” pipe from the Jeep. To do this, support the transmission with a jack and a block of wood. Now remove the eight 16mm bolts from the bottom of the cross member, and remove the single 16mm bolt from the center of the cross member, the one that connects to the transmission. Remove the cross member.

#7—There is an exhaust hanger on the passenger side of the transmission just above the transmission mount. There are two 16mm bolts on this hanger. Remove the lower 16mm bolt from the hanger, and loosen the top 16mm bolt until the ‘Y’ pipe hanger bracket pivots freely. Spray some lube into the hanger and pull down on the front of the ‘Y’ pipe as you pull it out from the hanger. The “Y” pipe should now come out. After the removal of the “Y” pipe, reinstall the cross member and tighten all fasteners.

#8—Mark the rotation of the front drive shaft. Remove the four 15mm bolts on the diff side of the shaft. Move the shaft to the side to access the manifold

#9—Unclip the black clip that holds the knock sensor cable and remove the 13mm nut on the clip. Now remove the two 15mm bolts to lower the starter, and let it lay on the chassis. You can now remove both knock sensors with a 13mm wrench.

#10—Mark the position of the steering shaft rag joint and remove the 13mm bolts to separate the joint. Also remove the steering shaft bracket. Four 10mm bolts.



#11—Remove the eight 10mm bolts from the manifold and take the manifold out. Do the same on the passenger side, but note that three bolts are best removed from the top, and the rest from underneath. Now you can clean both cylinder heads of the old gasket material, but be careful not to gouge the head surface.

#12—You can now install the **Kooks** headers starting from the driver's side. You will need to remove the motor mount nut on the end of the motor mount bolt but do not remove the bolt. Jack up the motor (drivers side) about three inches. Install the knock sensor at this point. With the motor jacked up, the header will slide up on a slight angle and go right into place. Go ahead and install the gasket and the bolts. Tighten the bolts and lower the motor. At this time you can reinstall the motor mount bolt and nut.

#13—The passenger side header will go right in but install the knock sensor and the starter first, then tighten the header and the gasket to the motor. Once the headers are tightened, you can loosely install the connection pipes with the supplied hardware. The connection pipe with the ground stud goes on the Driver side.

#14—Install the oxygen sensors using the supplied extension wires, the shorter one is the drivers side front. Using the supplied nut, install the ground wire to the passenger side connection pipe.

#15—Replace the front drive shaft making sure to note the markings you made to align the shaft at disassembly. Put the vehicle on the ground, check all fasteners, and reconnect the battery.

You have just installed the finest set of headers you can buy, enjoy them.

If you have any further questions, call us.

866-586-KOOK

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