

## Kooks Custom Headers Chevrolet SSR Installation Instructions

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

**Kooks SSR driver's side header** installs from underneath truck, passenger side from above truck

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, surgical gloves, and safety glasses.

It's a good idea to spray the WD40 to help loosen the connections and fasteners at this time. While the lube is doing its job, we can start the installation.

#1-- Remove the top engine cover

#2—Disconnect the battery, *the battery is located in the back of the vehicle on the passenger side, behind the rear end housing*. Then remove the dipstick and tube by removing the 15mm bolt that holds the tube to the block. Take a moment to **note the routing of the tube for reinstallation later**. Also remove the radiator overflow container located on the passenger side, back by the fire wall.

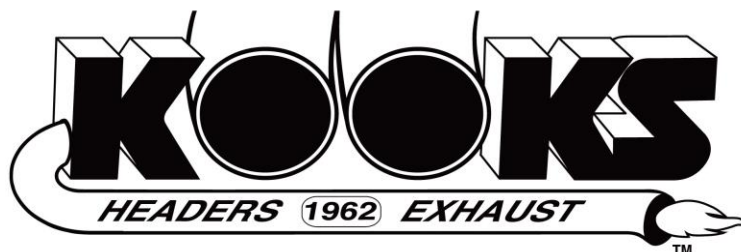
#3—Remove the spark plug wires, and the spark plugs.

#4—Raise the vehicle, and secure with jack stands. The vehicle will need to be raised 24 in. off the ground

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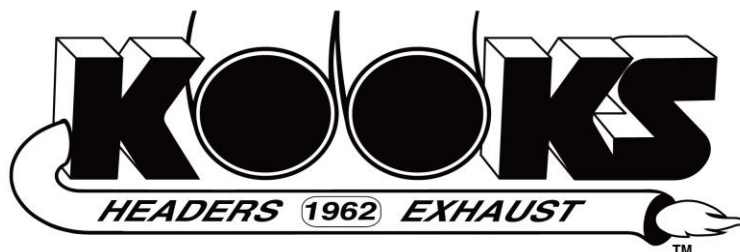
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- #5—Disconnect the O2 sensors, front and rear and just let them hang. *Note the location of each sensor. They must be reinstalled in the same location*
- #6--Support the transmission using a jack and a block of wood. Remove the cross member in order to remove the CAT pipes, and remove them.
- #7—You can now reinstall the cross member
- #8—Remove the factory exhaust manifolds. With care, inspect and clean the exhaust port surfaces using a gasket scraper, but proceed with caution the heads are aluminum.
- #9—Remove the starter shield and discard.
- #10—Remove the starter motor bolts but not the wiring, the starter will sit on the chassis.
- #11—Passenger header installation, disconnect two nuts from the motor mounts, elevate the engine as high as possible using, the jack and a wooden block. Remove the two bolts from the transmission mount to allow the transmission to have some movement to the left side.
- #12—Install the header from the top, reinstall the starter motor, motor mount bolts, and then fasten the header to the block with two header bolts, from the installation kit, but do not tighten at this time
- #13—Remove the bottom bolt from the steering shaft at the rack and mark the joint on both sides so that it goes back the same way.

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#14—Drivers side installation, remove the two motor mount nuts from the lower mounting studs. Raise the motor, push it over to the passenger side, and install the header from the bottom. Fasten header with two bolts loosely.

#15—Lower the motor, install and tighten all the remaining header bolts on both sides, reinstall the motor mount nuts, and after checking the alignment, install the steering shaft. Ensure no lines or wires are touching the headers and enough clearance is provided around them. Reinstall the four O2 sensors noting their location.  
Now is the time to install the KOOKS “Y” pipe

**Note: If you have purchased the optional “Y” pipe connection, please perform the following; Install the right side rear O2 sensor before you install the “Y” pipe. Install the right side section of the “Y” pipe to the header and to the factory muffler location first, [it’s the larger of the two.] Then using the clamps from the installation kit to secure it, install the left side connection pipe.**

#16—Lower the vehicle and replace the spark plugs and wires, the over flow container, also the dipstick and tube.

#17—Replace the engine cover, 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 866 586 KOOK or contact your dealer.**

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