

Installation Instructions 2003-2004 Mercury Marauder/Crown Vic

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

Kooks Marauder headers install from underneath the vehicle, raising and securing the vehicle with jack stands is a must if a lift is not available.

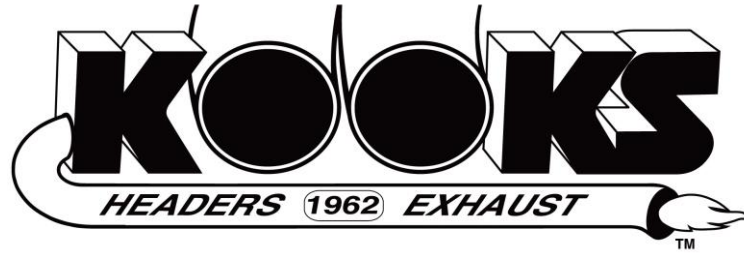
To install these headers you will need a general assortment of hand tools. But you will also want to have on hand, the following; Four jack stands, one hydraulic jack, a gasket scraper, anti seize, WD-40 also, surgical gloves, and safety glasses.

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.

- Step 1- Disconnect negative battery terminal. Raise vehicle and support it with jack stands.
- Step 2- Disconnect all four O2 sensor connectors.
- Step 3- Cut tailpipes off mufflers. They need to be cut flush with the muffler.
- Step 4- Remove the four bolts on front of the H-pipe, then slide the hangers out by the mufflers, remove the factory exhaust.

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Step 5- Disconnect and remove factory cat pipes.

Step 6- Remove both primary O2 sensors marking where they came out from.

Step 7- Passenger header removal. There is a water tube that runs parallel with the manifold, loosen the bracket on the side of the tube, support the tube with a tie wrap to give more access the top manifold bolts.

Step 8- Remove all manifold bolts. Loosen the motor mount and raising the motor for easier access to bolts. Remove manifold.

Step 9- Remove starter, note where wires go.

Step 10-Drivers side header removal. Disconnect 1 1/16 Evac tube.

Step 11-Remove steering shaft from rack, mark location. Pull back and place on the chassis.

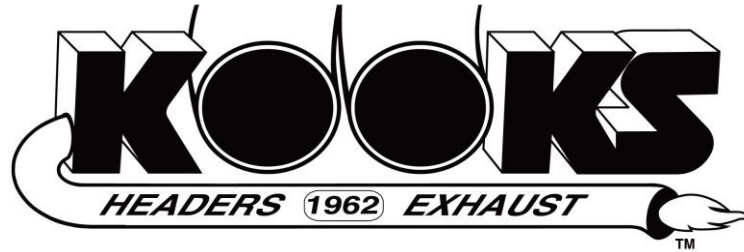
Step 12-Remove all manifold bolts. Motor can be raised like passenger side, but be sure passenger mount bolt is tight, if raising drivers side. Remove manifold.

Step 13-Clean head surface, to prepare for headers. Remove O2 sensors from manifolds.

Step 14-Header install, start all the lower bolts, leaving about $\frac{3}{4}$ of the bolt exposed.

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Step 15-Passenger side header install, slide header in place, put starter in loosely then drop gaskets in on lower bolts. Tighten to factory spec.

Step 16-Install O2 into header, tighten starter, and all other parts loosened or removed.

Step 17-Drivers side header install, put into place drop gasket onto bolts tighten to factory spec. Tighten Evac tube, and install O2 sensor into header. Install steering shaft.

Step 18-Now to install the exhaust. Install the X pipe with mufflers, now loosely install the connection pipes. Properly align and tighten all connections evenly. Install O2 sensors into correct position.

Step 19-Connect battery, start car inspect for leaks.

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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