

Installation Instructions

NOVA SUBFRAME STEERING HOOK-UP KIT

*Please read these instructions completely **BEFORE** starting your installation!*

Your *HEIDTS* Hot Rod Shop Steering Hook-Up Kit contains the following items:

- 1) Splined Rack & Pinion Adapter
- 1) Steering Column Adapter
 - 1) Shaft
 - 1) Roll Pin Kit

Start by temporarily installing the first U-joint onto the Mustang Rack & Pinion shaft and snugging down the set screw into the shaft groove. Next, slip the column U-Joint onto the steering column shaft. If you are using an early column, you will have to cut the inner shaft and provide a support bushing inside the column housing to support the column shaft. Determine the length of hook-up shafting required, allowing for the shafting to enter both U-Joints 1". Cut the shafting and temporarily assemble it into the car. You must phase the U-Joints when making these connections. They are phased, or aligned, the same as the U-Joints in your driveshaft. See the illustration below. Both the Rack & Pinion and the steering wheel should be centered to do this. To center the Rack & Pinion, turn the input shaft all the way until the rack bottoms out. Then turn the shaft back the other way until it again bottoms out, counting the number of turns. Now turn the shaft back in the first direction 1/2 the number of turns and the Rack & Pinion will be centered. Next, center the steering wheel. Note: on splined columns, you may have to remove the U-Joint from the steering column and turn it a few splines to phase the U-Joints. Do not just turn the steering wheel to phase the U-Joints, as when you do your final alignment, the steering wheel will then be crooked. After you are sure that the length of shafting is correct, mark the shaft depth and U-Joint alignment for reassembly and remove all the pieces. Now the U-Joints can be pinned to the shafting. Slip the first U-Joint onto the shaft to your alignment mark and drill a 7/32" (.218) dia. hole through both pieces at the same time, using one of the spot drilled marks to start the drill. It is also helpful to first drill the hole using a drill one size smaller, then redrill using the correct size drill. Press in one of the correct length pins. Now drill the second hole the same way, using the other spot drilled mark and then press in the second pin. Attach the second U-Joint to the shafting the same way, using your mark to locate the U-Joint on the shafting. We also recommend that when the U-joints are finally attached to the shafts, you use some type of Loctite on the set screws to insure that they stay tight.

