



UNISTEER *Performance Products*

Tri-Five Steering Shaft Kit Instructions & Addendum "A"

8050050, 8050060 & 8050070

The steering shafts for the Tri-Fives require some assembly and some trimming. Please follow these instructions carefully and read completely before starting.

Steering Shaft installation

This rack and pinion kit should only require two steering joints, and one intermediate shaft. The steering column has to be a specific length, in order for the shaft angle to be correct. If the steering column is too long or too short, the steering joints will bind. The pinion shaft can rotate in the rack mounts to help reduce the shaft angle. The pinion size of our rack is 17 millimeters double D.

1. Measure the distance between the rack and pinion and the steering column. Refer to the u-joint manufacturer as to the formula to determining shaft lengths. If you are using our shaft, loosely fit the upper assembly, and determine how much of the shaft will have to be trimmed.
2. Trim shaft and machine or grind notch to accommodate u-joint pinch bolt.
3. Put the shaft into u-joint, so that the u-joints are 90 degrees out of phase (fig1) this can be done by repositioning the upper joint onto the splined shaft (fig 2).
4. Torque the allen-head bolts holding u-joints onto shaft to ___ft/lb.

Stock Column (KIT # 8050050):

1. Install steering shaft on the column and the rack and pinion. Drill and pin the u-joint to the steering column.
2. Tighten the nuts on the u-bolts. (*Note DD u-joints cannot be phased. Splined, or smooth shafting is required)

Aftermarket Column (KIT # 8050060 & 80500700):

1. Indent column shaft where the u-joint set screw will be and fasten u-joint to column



FIG 1



FIG 2

If you have any questions or problems regarding this product please contact:

UNISTEER *Performance Products*

**1555 Enterprise Parkway
Twinsburg OH 44087
800-338-9080**

WWW.UNISTEER.COM

655490
(01/15/07)