



## TJ/LJ/XJ

### Heim Offset Steering

- 1) Remove old steering system (measure from castle nut to castle nut on knuckles and write it down) this will be helpful later to get an initial toe setting.
- 2) Using a 5/8th drill bit, drill passenger knuckle, driver knuckle (DO NOT DRILL pitman arm).
- 3) Install drag link at pitman arm and leave loose for now (let it hang from the TRE).
- 4) Using provided 3" grade 8 bolt and stover nut install tie rod on driver side first leave loose for now (see picture 1).
- 5) Using provided 5 1/2" Grade 8 bolt and stover nut install passenger side tie rod and drag link (see picture 2).
- 6) Tighten all stover nuts to a minimum of 85 ft lbs.
- 7) Leave jam nuts loose and turn aluminum rods to adjust toe and center steering wheel.
- 8) Tighten jam nuts (Check jam nuts after a few hundred miles).

#### NOTES:

- 1) Be sure that you are running at least 15" wheels with a 3.75 BS or smaller.
- 2) Be SURE that NO clip on balance weights are on the wheels. USE tape weights only!
- 3) Be sure to install all hardware per the location in pictures.

**Figure 1**



**Figure 2**

