

Installation Instructions for OTT Industries Dana 60 High Clearance Steering Arms

written by BillaVista

- Caution: OTT steering arms are shipped in an "as machined" condition. To prevent rust and oxidation they must be painted or coated prior to exposure to the elements. When painting, do not paint inside of mounting holes.
- Caution: OTT steering arms are designed to be installed using ONLY factory GM installation hardware, namely the 1/2-20NF studs and tapered nuts
- Caution: Do not use an impact wrench when installing or removing OTT High Clearance Steering Arms

Features of the OTT arms include:

- CNC milled out of a single steel billet, no welded parts
- Integrated kingpin bushing cap with grease fitting
- Angle compensated for steering axis inclination - allowing maximum possible steering linkage travel
- Precision Machined to use stock Dana knuckle studs and mounting nuts (no long studs and/or bolts) required - assuring the tightest possible zero-clearance fit, the only way to develop the required strength for steering from the top of the knuckles.
- Tapered for your choice of 1 ton TRE or high angle drag link ends or straight drilled for rod ends / Heim joints
- Designed to fit virtually any tire and rim combo possible including stock Hummer rims, large tires and custom offsets/backspacing.

Step 1



Step one, remove existing kingpin cap (or stock steering arm) bolts / studs. If they've been there for a while, significant force / heat may be required.

Loosen each one a little at a time, as the spring tension beneath the cap can be quite high and pop the cap off with some force.

Remove the cap, spring, spring retainer, and gasket, and clean the mating surface at the top of the knuckle. Also clean out the threaded holes in the knuckle with a tap and/or compressed air

Step 2



Apply thread locking compound to the SHORT end of the studs.

Step 3



Install the studs in the knuckle, and torque to 80 ft .lbs.

Step 4



When all the studs are installed, wipe away excess thread locking compound from the knuckle face, grease both sides of a new gasket, and install it over the studs.

Step 5



Place the spring retainer and spring back in place on top of the kingpin bushing

Step 6



Then place the OTT steering arm over the studs. It will not drop all the way on, because of the kingpin spring, and also because of the tight tolerances between stud and holes.

Step 7



Use a couple of clamps to cinch down the arm on the studs so that you can start the nuts on the studs.

Step 8



Once the nuts are started, sequentially tighten down the nuts, which will eventually clamp the steering arm down over the studs and in place on the knuckle.

Once the arm is installed, torque tapered nuts to 80 ft/lbs.

Step 9



Re-check torque after 50 miles

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