

## COOPER S ULTRIK PULLEY UPGRADE KIT INSTALLATION INSTRUCTIONS FOR NME5041 SELF-ALIGNING 3-PIECE PULLEY

The ULTRIK Self Aligning 3-piece pulley uses an unique design that automatically aligns the pulley onto the supercharger shaft. When the pulley is installed, make sure the pulley is 'bottomed out' onto the shaft. In other words, push the pulley onto the shaft until it goes no further.

The torque for the pulley bolts are 5 ft-lbs (72 in-lbs). As you tighten the bolts, make sure the pulley remains fully seated onto the supercharger shaft. Tighten the bolts in a criss-cross pattern and continue checking the torque on all bolts until all bolts are set to 5 ft-lbs. (Tightening one bolt will affect torque on other bolts.) Once they are all set, check again.

Loctite or anti-sieze compounds are not recommended.

If you have any questions, contact Mini Mania at 800-946-2642 and ask for New MINI Technical Support.

### INSTRUCTIONS

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1. After thoroughly cleaning the supercharger shaft, insert rear collar onto shaft.



2. Install the pulley with front collar over the rear collar on the shaft. Visually confirm the front collar is fully seated against the end of the shaft.



3. Align the front and rear collars and insert the bolts. Start the bolts by hand to make sure they are not cross threaded.



4. Torque each bolt to 72 INCH-Pounds or 5 ft-lbs in a criss-cross pattern, this will take several passes.. Each time a bolt turns, the others will require re-torquing. Continue until all 4 bolts are set to 72 in-lbs or 5 ft-lbs.
5. Check the torque setting again - twice.

Congratulations, you have completed the installation of the ULTRIK 3-piece self aligning pulley.