

Tech Tip #101

STEMCO Kaiser 50.121.08 INSTALLATION NOTES

APPLICATION

This Tech Tip applies to the following products:

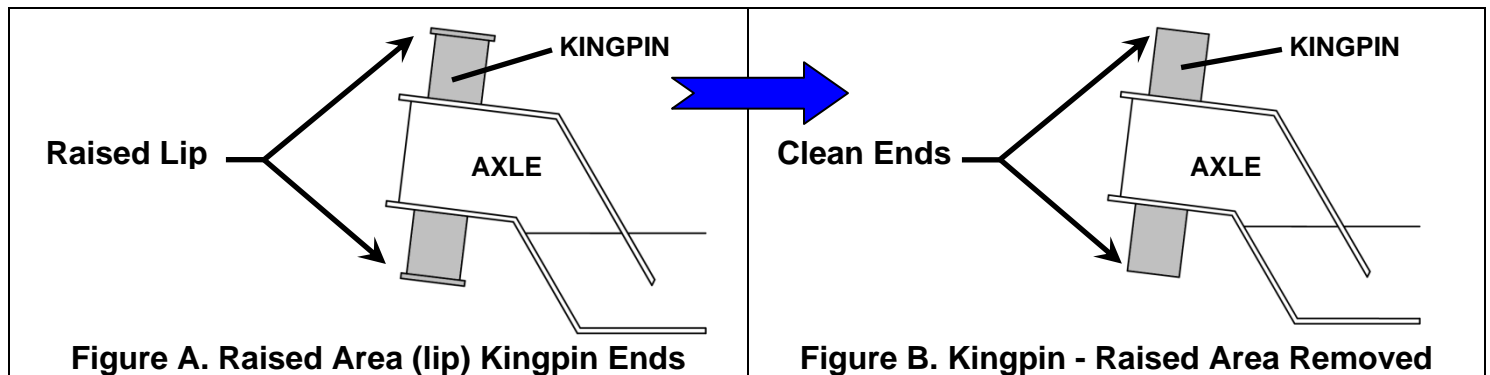
<p>Hendrickson® FRONT STEER AXLES: Airtek; Softek (60961-040)</p>	<p>STEMCO Kaiser KINGPIN KITS: Kingpin ECONOkit™ (50.121.08)</p>
--	---

Due to the unique design of the axle you are working on it is recommend that you refer to the axle manufacturer's installation instructions. **The axle manufacturer recommends the kingpin on this axle never be removed.** Therefore, a kingpin change implies changing the bushings and bearings only. **Due to this design, reaming the bushing will always be required!** In addition to the axle manufacturer's instructions, please refer to the following notes:

(1) Clean Up the Kingpin Ends.

It is likely that the kingpins have developed a unique wear pattern. Both ends of the kingpin quite possibly have a noted raised area (lip). Remove the raised lip from the kingpin. This raised area (lip) on the kingpin must be removed prior to sizing the bushings. Refer to Figures A and B below.

WARNING: Not removing the raised area on the kingpin may cause errors with reaming.



(2) Install & Ream the Kingpin Bushings to Size.

- Install the kingpin bushings into the spindle bores.
- Size the kingpin bushings with the appropriate measurement device.
- Ream the kingpin bushings per the axle manufacturer's instructions. (This includes reassembling the 2-piece spindle using the 4 bolts for proper alignment.)
- Prior to installation, check for appropriate bushing/ kingpin fit.