

NO INSTALLATION



Standard/ Grit Guard® Seal Installation

- Step 1** Remove all burrs and thoroughly clean the spindle. Apply a thin layer of No. 2 sealant to the OD of the spindle shoulder. Place the axle ring on the spindle.
- Step 2** Using the recommended Stemco Universal Axle Tool, drive the axle ring on until the tool bottoms against the spindle shoulder. [Photo 1] Make certain the axle ring is flush with the shoulder. Wipe away any excess sealant.
- Step 3** Remove all burrs from the hub bore and thoroughly clean the entire wheel cavity.
- Step 4** With the wheel in horizontal position, pre-lube the inner bearing and place it into the bearing cup. [Photo 2] *NOTE: When using grease, pre-pack the inner bearing before placement into the hub.*
- Step 5** Apply a thin layer of No. 2 sealant to the OD of the seal and position the seal in the hub. Using the recommended Stemco Universal Hub Tool held in a vertical position, drive the seal into the seal bore until it is bottomed-out. [Photo 3] Check the clearance between the bearing cone and seal (at least 1/32" is required).
- Step 6** With the wheel mounted on a dolly, carefully align the bore with the spindle. [Photo 4] Gently push the wheel assembly onto the spindle to the proper position. Pre-lube the outer bearing and push it into the bearing cup.
- Step 7** Assemble the inner nut and tighten it to 200 ft/lbs. [Photo 5] Rotate the wheel several times and then back-off nut one full turn. Make final bearing adjustment according to TMC recommended bearing adjustment procedure. Install the appropriate axle fastener.
- Step 8** Install the hub cap with the new gasket and fill the cavity to the proper oil level as indicated on the window. On drive axles, be sure the differential oil level is high enough (manufacturer's recommended level) to ensure oil flow through the tube to the wheels. It is recommended to jack-up one side and then the other until flow starts. Make certain the breather plug is clear. Recheck steers and trailers to insure proper fill levels.