



INSTALLATION OF FRONT AXLE COVER/GEAR NUT SYSTEM FOR STEER AXLES W/OIL CAPS & SIMILAR TAG AXLES

**VERY IMPORTANT! Read And Understand These Steps Before Installation.**

**NOTE: Mounting Brackets Styles Will Vary From Axle to Axle.**

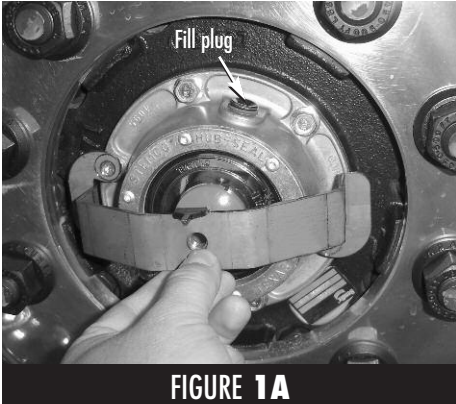


FIGURE 1A

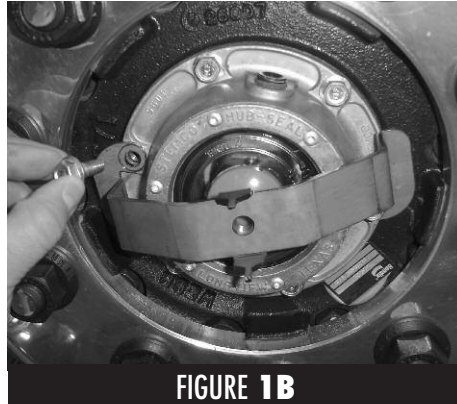


FIGURE 1B

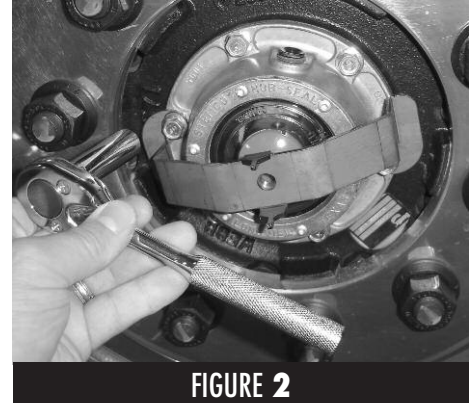


FIGURE 2

**STEP 1. Removing Oil Cap Screws**

Before removing any screws from oil cap, position bracket over the oil cap on top of oil cap screws to determine which screws to remove. On steer axle oil caps that have side reservoir fill plugs, the bracket must be placed either to the left or right of the side reservoir fill plug to not interfere (See Fig. 1A). Once this is done, remove the two oil cap screws directly across from one another using a 1/2" socket (See Fig. 1B).

**STEP 2. Installing Brackets**

Place bracket onto the oil cap and align holes. Reinstall the screws that were removed (See Fig. 2). **NOTE:** Do not over tighten. The specs for torque do vary from different hub manufactures. Aluminum Stemco caps are 12 ft #. Plastic Chicago Rawhide caps are 12-16 ft #.

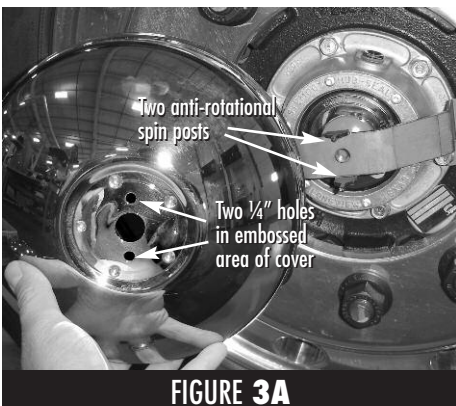


FIGURE 3A

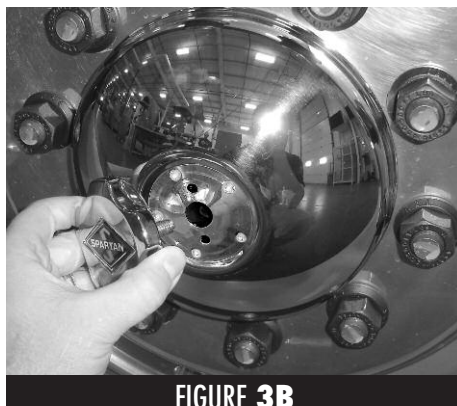


FIGURE 3B

**STEP 3. Installing Axle Cover and Gear Nut**

Hold axle cover up to the wheel. You will notice two 1/4" holes in the embossed area of the cover. Align these holes up with the two anti-spin posts on bracket (See Fig. 3A). Next while holding axle cover in place, begin installing the Gear Nut medallion which threads directly through the center hole into the bracket (See Fig. 3B). **NOTE:** Gear nuts are standard right hand thread. Using the finger grips tighten until you hear the five self-locking bumps engage. Continue with hand tightening for another 3 to 4 clicks (See Fig. 3C). At this point use the provided gear nut tool rotate gear nut 1 to 2 clicks. **NOTE:** Do not overtighten (See Fig. 3D).

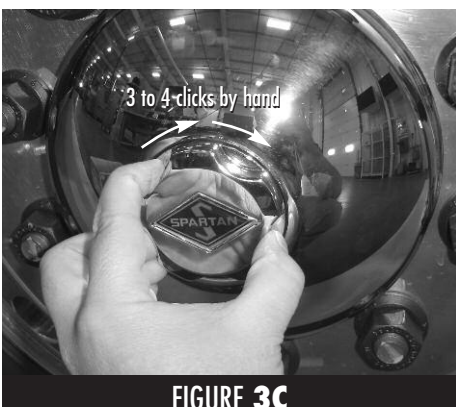


FIGURE 3C

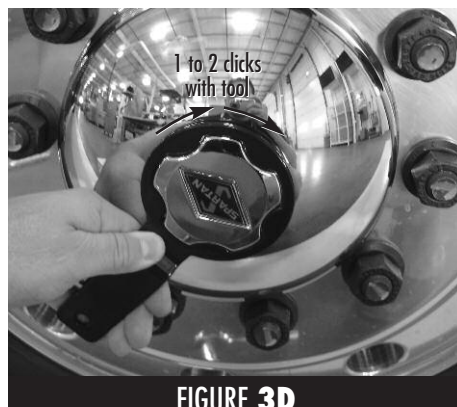


FIGURE 3D

**STEP 4. Repeat and Finish**

Repeat steps 1 through 3 on other side and then you are finished.

## INSTALLATION OF REAR AXLE COVER/GEAR NUT SYSTEM FOR DRIVE AXLES

**VERY IMPORTANT!** Read And Understand These Steps Before Installation.

**NOTE:** Mounting Brackets Styles Will Vary From Axle to Axle.



FIGURE 1A



FIGURE 1B

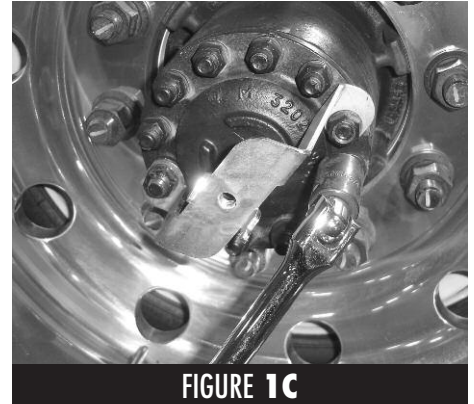


FIGURE 1C

### STEP 1. Removing Axle Nuts and Installing Brackets

Remove two axle nuts directly across from one another (See Fig. 1A). Next, place bracket over axle studs and retighten the removed axle nuts. **NOTE:** Do not over tighten. The torque specs do vary from different hub manufactures, generally it is 65-100 ft # (See Fig. 1B & 1C).

### STEP 2. Installing Axle Cover and Gear Nut

Hold axle cover up to the wheel. You will notice two 1/4" holes in the embossed area of the cover. Align these holes up with the two anti-spin posts on bracket (See Fig. 2A). Next while holding axle cover in place, begin installing the Gear Nut medallion which threads directly through the center hole into the bracket (See Fig. 2B). **NOTE:** Gear nuts are standard right hand thread. Using the finger grips tighten until you hear the five self-locking bumps engage. Continue with hand tightening for another 3 to 4 clicks (See Fig. 2C). At this point use the provided gear nut tool rotate gear nut 1 to 2 clicks. **NOTE:** Do not overtighten (See Fig. 2D).

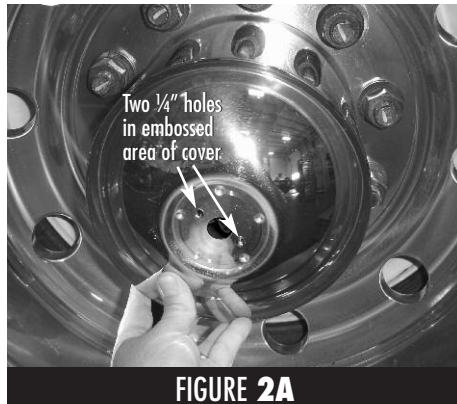


FIGURE 2A



FIGURE 2B



FIGURE 2C

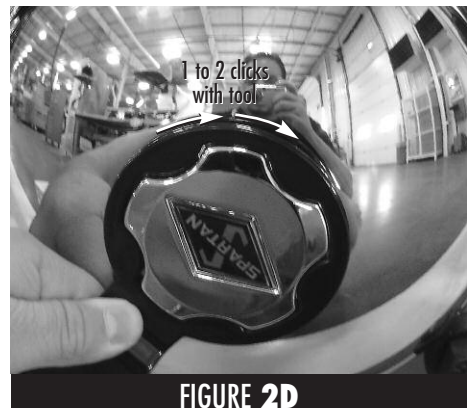


FIGURE 2D

### STEP 3. Repeat and Finish

Repeat steps 1 through 3 on other side and then you are finished.

RealWheels Corporation • 3940 Tannahill Drive • Gurnee, IL 60031

847-662-7722 • Fax 847-662-7744 • [www.realwheels.com](http://www.realwheels.com) • [info@realwheels.com](mailto:info@realwheels.com) • toll-free 1-800-982-1180