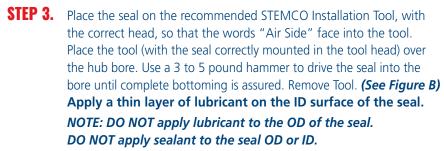
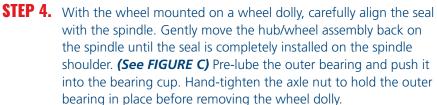


## **Voyager® and Discover® Hub-Seal Installation**

- **STEP 1.** Remove all burrs from the hub bore and spindle. Clean and inspect the spindle, threads, and seal shoulder. These areas are to be free of debris, rust, weld splatter, and loose particles or build up of any type. Thoroughly clean the entire wheel cavity. **NOTE: DO NOT apply any sealant to the spindle shoulder** 
  - NOTE: DO NOT apply any sealant to the spindle shoulder. Apply a light coat of lubricant to spindle surfaces.
- STEP 2. Orient the hub such that the inner bearing cup is up, pre-lube the inner bearing and place it into the bearing cup. (See FIGURE A)

  NOTE: When using grease, pre-pack the inner bearing before placement into the hub.





NOTE: When using grease, follow TMC RP631B guideline for proper hub fill. Pre-pack the outer bearing before placement into the hub.

- **STEP 5.** Tighten to 200 ft-lbs and rotate the wheel several times. Then back off nut one full turn. Install the axle fastener per the manufacturer's recommendations and TMC requirements for proper installation and endplay. (See FIGURE D)
- **STEP 6. Steer and Trailer Axles:** Install the hub cap with a new gasket and fill the cavity with lubricant to the proper level.

**Drive Axles:** Install drive axle using a new gasket. Be sure the differential oil is high enough (see manufacturer's recommendation) to ensure oil flow through the axle to the hub. It is recommended to jack one side up and then the other to start lubricant flow.

**All applications:** Make sure the breather plug is clear. Recheck fill level (steer and trailer applications).











## Making the Roadways Safer®