

Disc Hub Installation Procedure

The following procedure applies to the installation of new or refurbished disc/hub assemblies onto new or existing disc hub spindles.

1. Ensure spindle and grass shields are clean, with all dirt and old grease removed (Figure 1).



Figure 1

2. New or refurbished hub assemblies have bearings packed with grease prior to assembly. The cavity between the inner and outer bearings is empty (Figure 2).

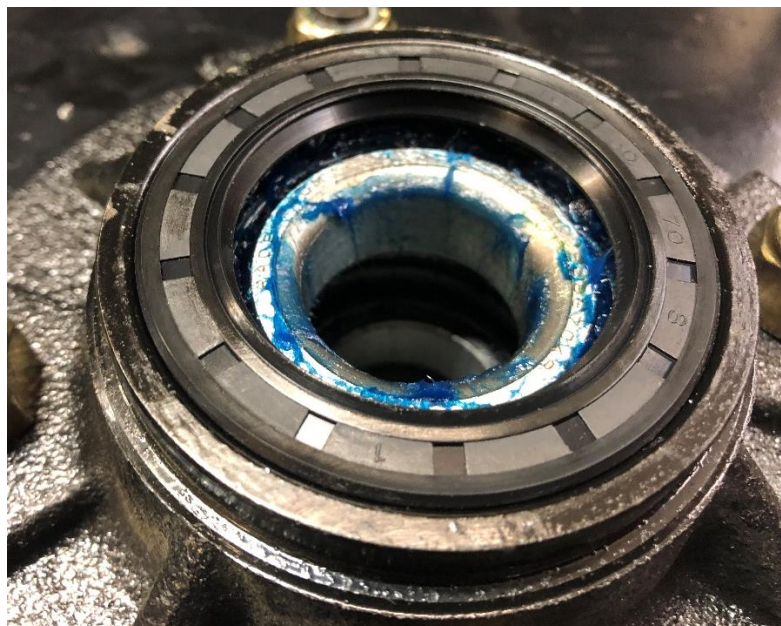


Figure 2

- 3. Prior to installing the disc/hub assembly onto the spindle, apply a small amount of clean grease to the grass shield seals and inner rings (Figure 3). Do this on both the spindle-side and opener frame-side grass shields.



Figure 3

- 4. To ensure the cavity between the inner and outer hub bearings is filled with grease, slide the disc/hub assembly onto the spindle. Using a pipe or other suitable device, apply slight pressure to the outer bearing (Figure 4). As grease is applied, the cavity will begin to fill (Figure 5). Once pressure can be felt on the device or grease can be seen to be pushing its way through the bearing, stop adding grease. The cavity is now full and the disc/hub assembly is ready to install.



Figure 4



Figure 5

5. The disc/hub assembly can now be installed on the spindle (Figure 6). Install the washer and nut on the spindle (Figure 7). Use the nut to seat the bearings by tightening until firm, then backing off the nut and re-tightening. Install the cotter pin through the nut (Figures 8-9).



Figure 6



Figure 7

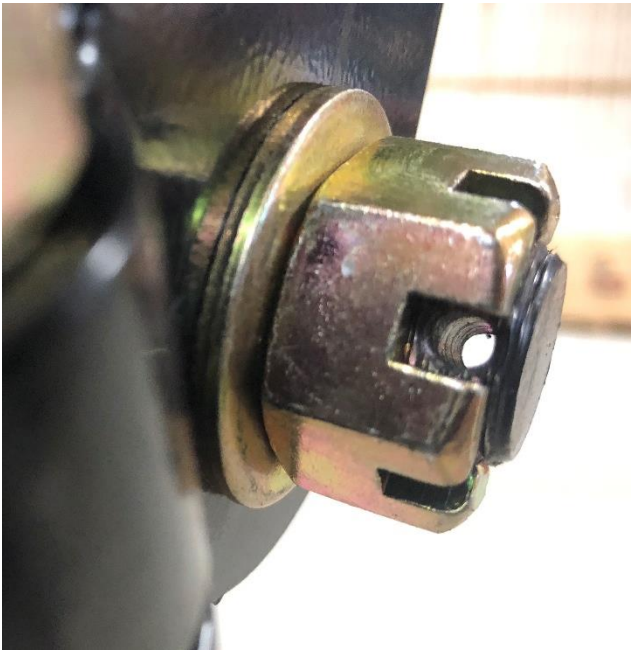


Figure 8



Figure 9

6. Refer to the Operators Manual for greasing schedule.