



TECHNICAL SERVICE BULLETIN

Bulletin Number: DC-2172

Date: 10/19/05

Affected Model(s): 87500 Bare Grease Reels and Associated
Configured Assemblies

Subject: **Tips on Axle U-Cup Replacement**

Recently it was pointed out that our current owner's manual/service page on the 87500 grease reels does not include instructions for proper replacement of the 272081 u-cup seals on the reel axle. Naturally, they must be positioned properly (opposing, heel sides out, lips toward the pressure) to prevent grease leakage while the reel is pressurized.

Proper u-cup installation steps:

- Grease axle (272038) generously,
- Slide u-cups (272081) on to axle properly,
- Axle should be slid into the Axle Bushing (272032) from the **INSIDE**. Please note: At the point where the axle slides into the bushing, there is a 30 degree "lead in" for ease of installation,
- The first u-cup to pass into the bushing should go in with ease,
- The second u-cup should be led into the axle bushing equally around the entire circumference of the u-cup,
- Attention should be given at all times while sliding the u-cups and axle into the bushing. If there is any pinching of the u-cups during installation, there can and most likely will be grease leakage around the pinched portion of the u-cup and an immediate failure when the system is pressurized.

The reel hub, axle bushing, axle, and axle u-cups are depicted on the attached drawing pulled directly from the current service page. Please include these instructions with your service pages and refer to them accordingly to prevent future failures.

If you have questions or concerns, please do not hesitate to call Lincoln Technical Services at 314/679-4200, ext. 4782, or fax us at 314/679-HELP (4357).

Regards,

Barry Frankum

