

# SERVICE BULLETIN

UTILITY TRAILER MANUFACTURING CO.



## SB-08-151

Issue date: December 20, 2012

### UTM Standard and Optional Wheel End(s) with Hendrickson Precision 240, and Precision 320 Nut System - Installation Instructions

Please review the attached UTM-5 standard and UTM-7 optional wheel end packages, featuring Hendrickson and Federal Mogul. This change will be effective January 1, 2013.

In addition, each trailer will be equipped with a lube identification and maintenance interval decal located above the suspension on the bottom rail.

Each trailer will be equipped with a lube identification and maintenance interval decal located above the suspension on the bottom rail.

\*Note: Installation Instruction - Wall Posters can be ordered through your local dealership without charge for 2013.

To view a copy of the Wall Poster, please click on the link below.

[Hendrickson precision 240, and precision 320 Nut system installation instructions](#)

Any other questions regarding this service bulletin should be directed to Utility's Field Service Department at 800-423-6591.

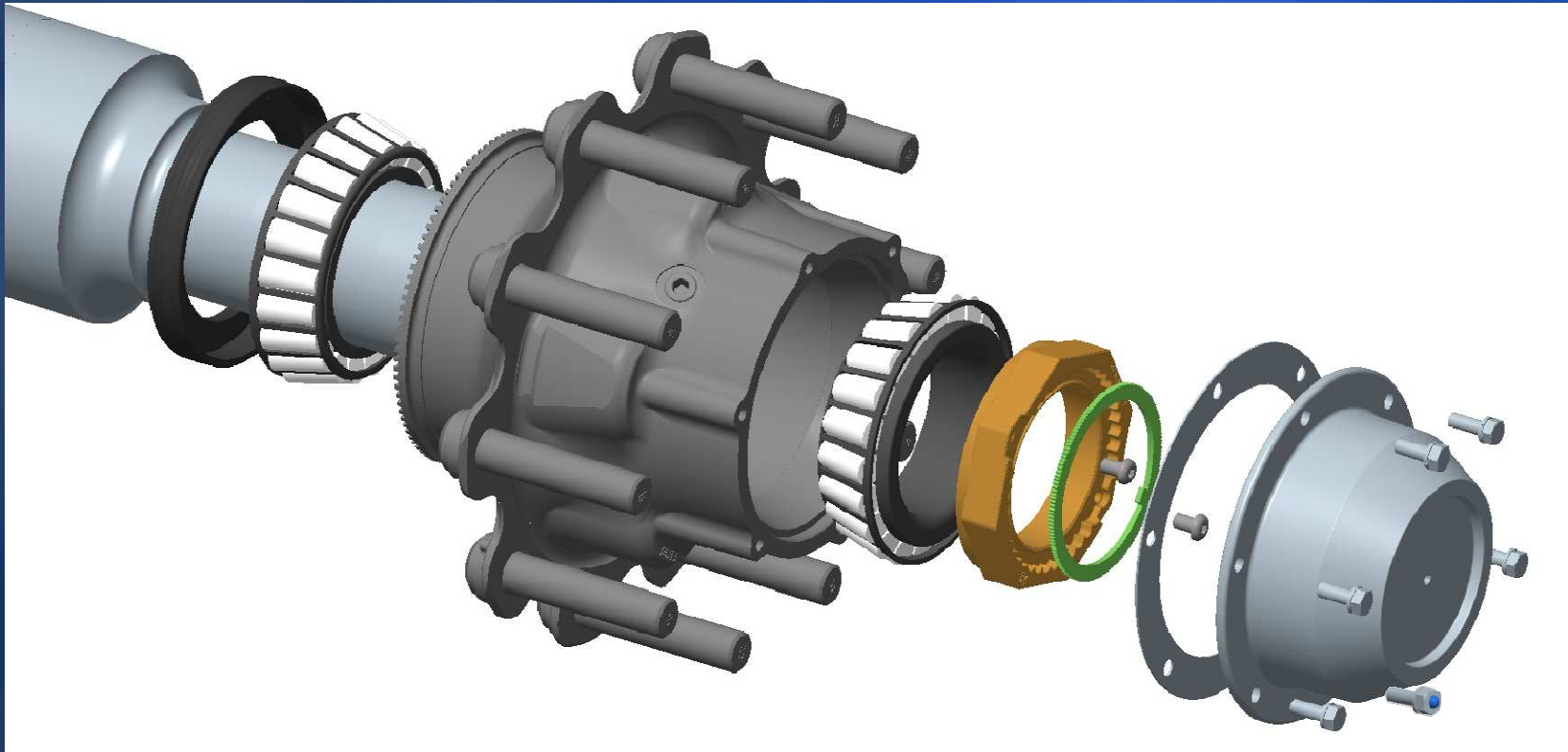
Field Service Department  
UTILITY TRAILER MANUFACTURING COMPANY

Attachment: 13 pages



The First Name In Trailers

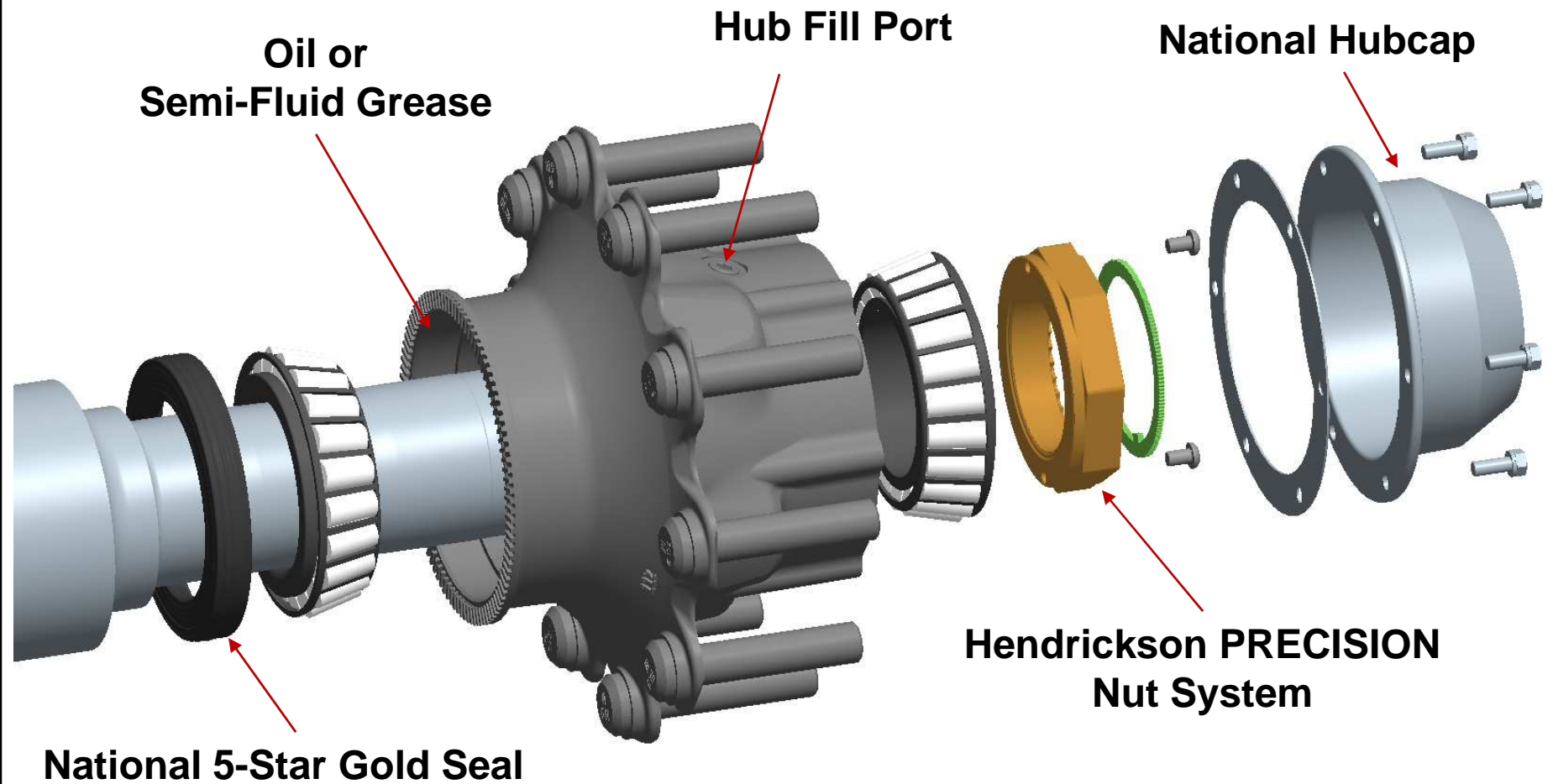
# UTM 5 and UTM 7





*The First Name In Trailers*

# Wheel End Upgrades

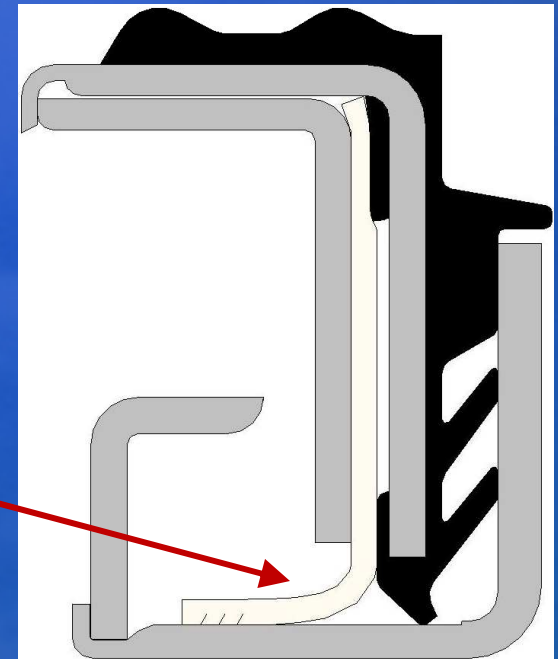




*The First Name In Trailers*

# National 5-Star Gold Seal

- Triple barrier contamination system provides the ultimate in dirt exclusion
- Unitized dual-wall construction with bumper pads prevents damage during installation
- Patented, Teflon lay-down sealing lip offers unmatched durability







The First Name In Trailers

# Chevron Delo Semi-Fluid Grease



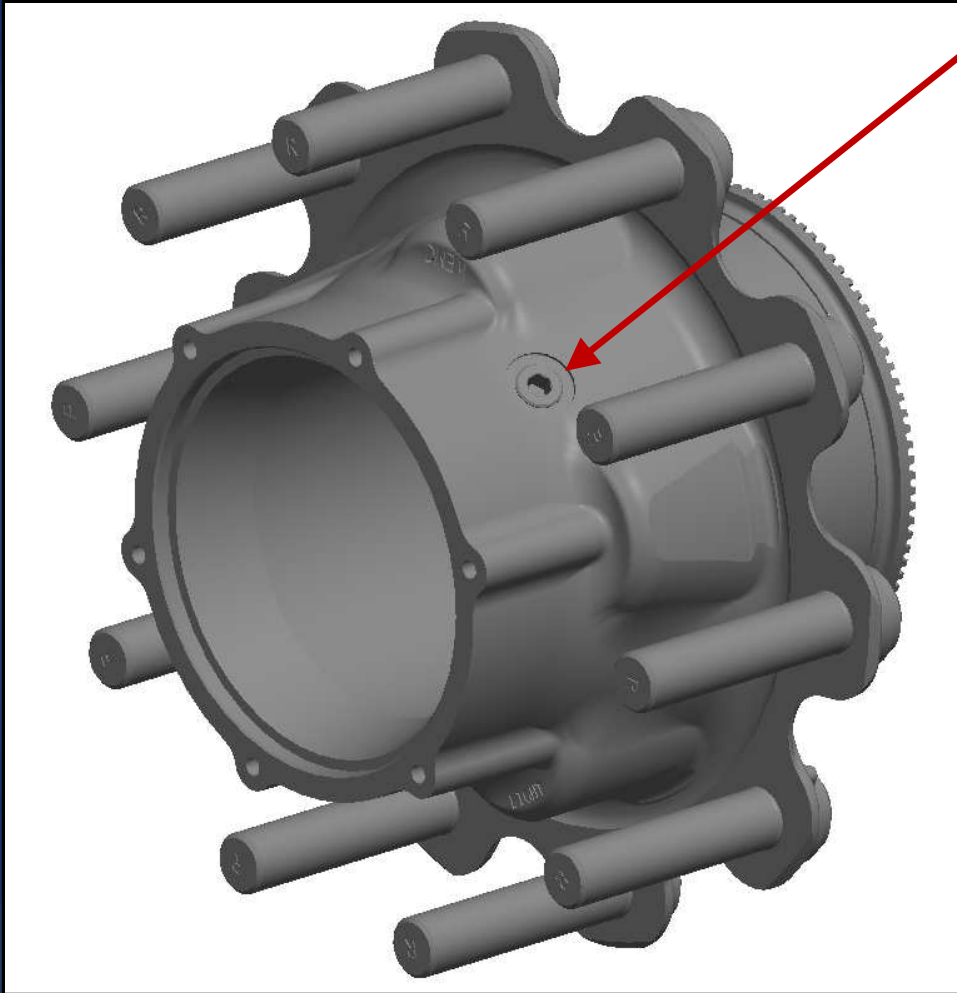
Synthetic lubricant with exceptional performance at both high and low temperatures



The First Name In Trailers

# Hub Fill Port

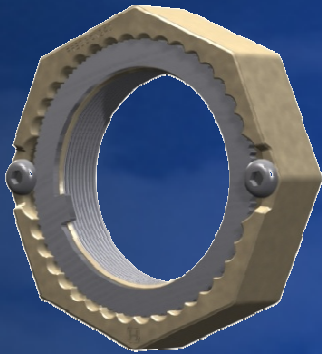
Lubricant added through  
hub, not hubcap



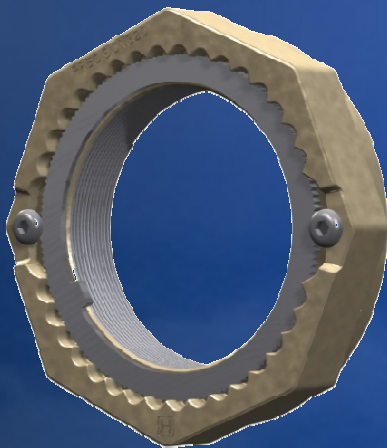


The First Name In Trailers

# PRECISION Nut System



PRECISION240™ for "N" Spindle



PRECISION320 for "P" Spindle

- Simple, two-piece design
- Set right the first time
  - No need to back-off the nut to engage the retaining washer
- Ensures precise bearing setting
  - Maximizes bearing and seal life
- No retention keeper to replace

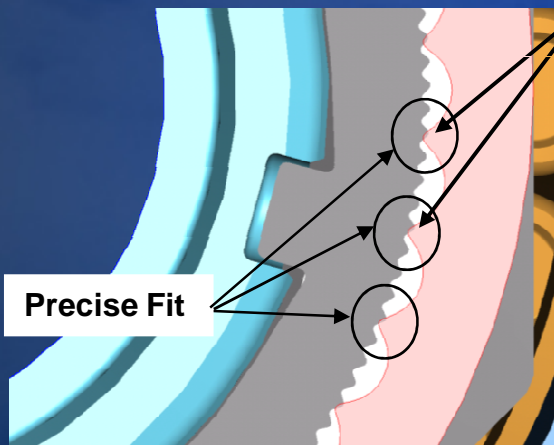




The First Name In Trailers

# PRECISION Nut System

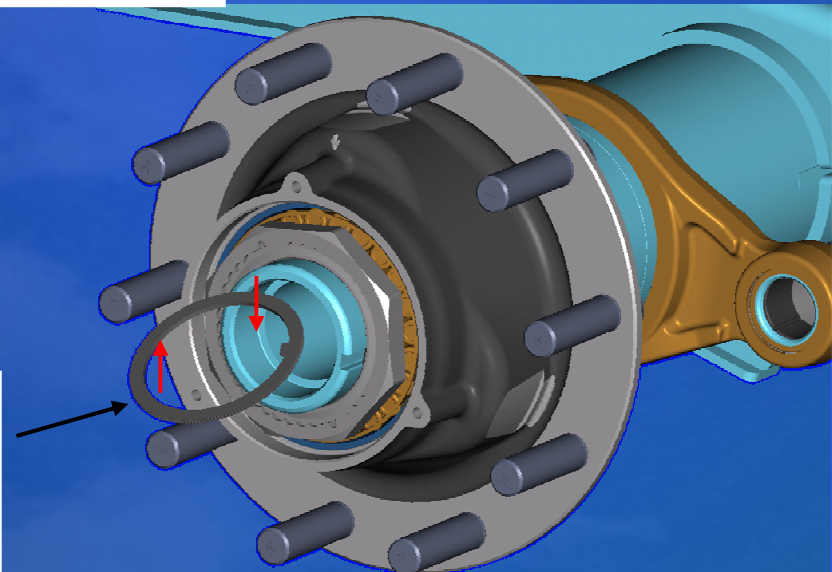
- Nearly 5X the adjustment resolution of similar systems
- No readjustment of nut is needed to install lock washer
  - Readjustment may lead to inaccurate bearing setting



Retaining washer and nut  
will fit precisely together.

If not...

...simply flip retaining washer to  
achieve a different tooth pattern  
and a precise fit is guaranteed  
without disturbing the nut.







*The First Name In Trailers*

# PRECISION Nut System

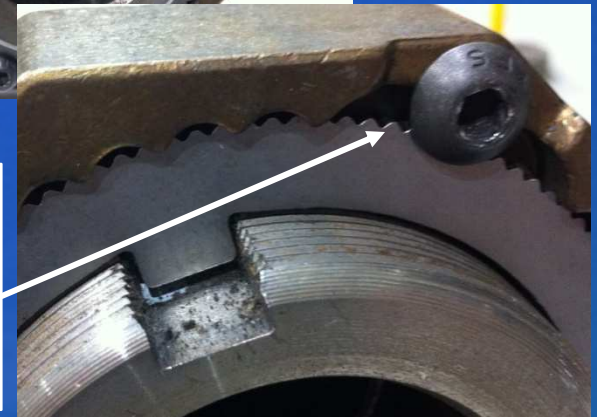
- Simplified Installation & Assembly
- Easier installation of lock washer and retaining screws
  - Other two-piece systems have had issues with keeper rings not properly seated



Keeper ring  
not properly  
engaged



Lock washer  
engagement  
ensured by  
tightening of  
retaining screw

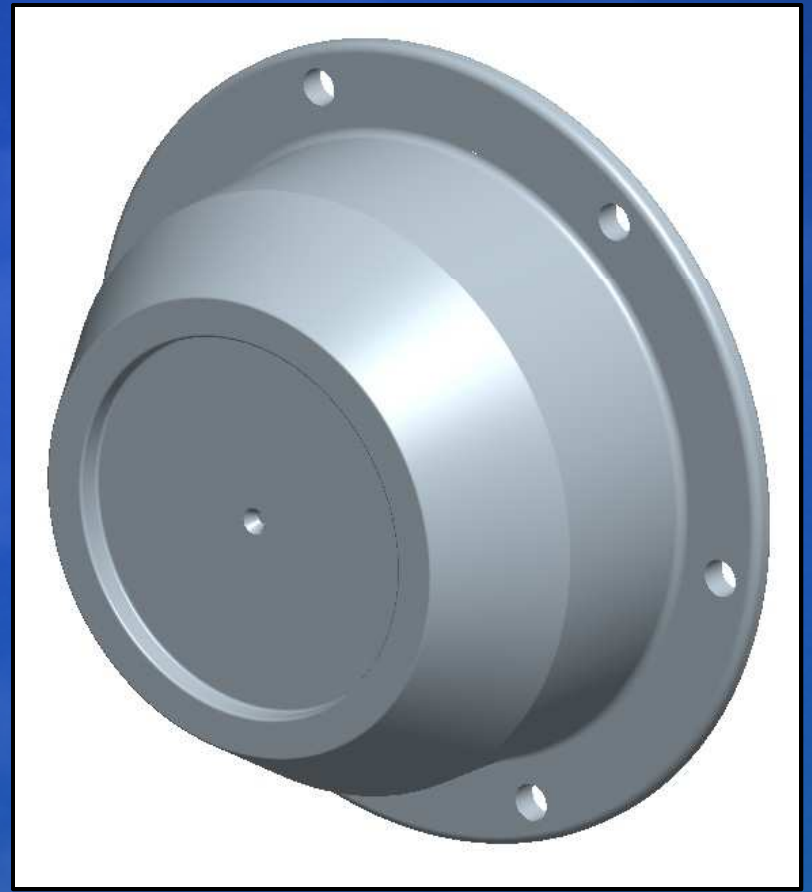




*The First Name In Trailers*

# National Hubcap

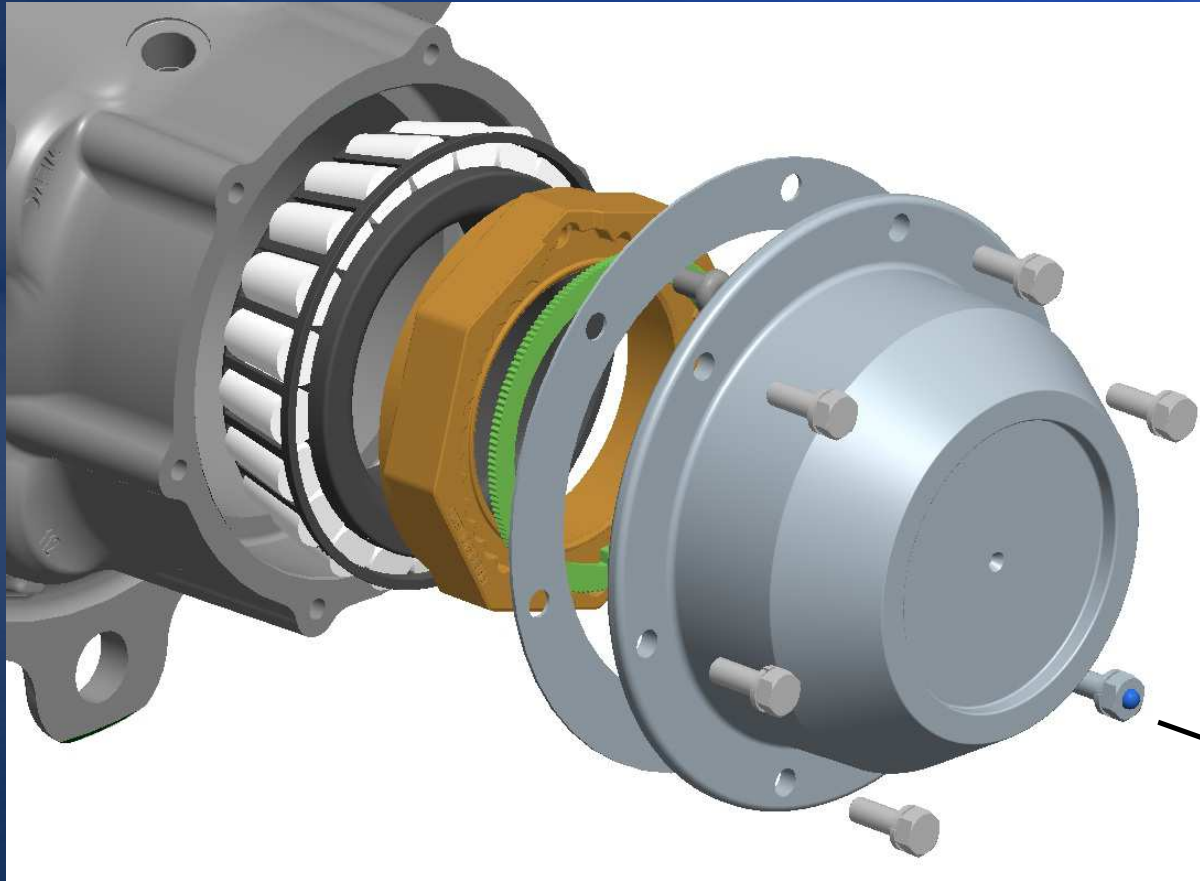
- Simple, durable design
- No vent, no fill ports
  - No entry points for contaminants





The First Name In Trailers

# Tamper Deterrent Feature



One of the hub cap bolts will have tamper deterrent feature, epoxy will be covering the bolt head





The First Name In Trailers

# Hendrickson Axle Vent System



Filter keeps axle debris out of the wheel end







The First Name In Trailers

# Warranty

- **UTM-7: 7 years parts & labor**
  - Available only with Hendrickson axles
  - Requires P-spindle and semi-fluid grease
  - Optional TIREMAAX PRO
- **UTM-5: 5 years parts & labor**
  - N-spindle with oil or semi-fluid grease
  - P-spindle with oil

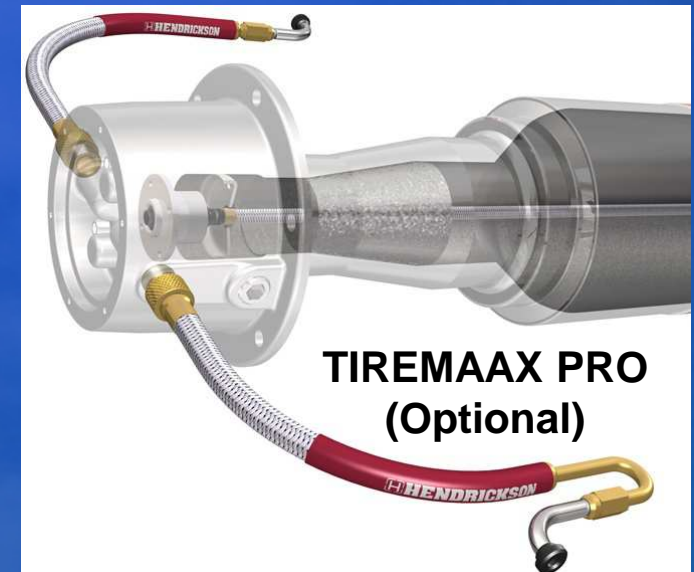




The First Name In Trailers

# Tire Inflation Options

- **TIREMAAX PRO:** 7-year warranty
  - Requires P-spindle and semi-fluid grease
- **TIREMAAX PRO:** 5-year warranty
  - N-spindle with semi-fluid grease
  - N- or P-spindle with oil
- **PSI:** 5-year warranty
  - N- or P-spindle
  - Semi-fluid grease only



**The wheel ends on this Utility trailer are equipped with Hendrickson PRECISION nut systems and lubricated with oil. Inspect/refill hub per maintenance specifications with same oil using good refilling procedures. Inspect wheel ends every year or 100,000 miles.**

**Maintain per Utility Trailer Service bulletin SB-08-151**

T70007 11-12 ECN 21717

Printed in the United States of America.

**The wheel ends on this Utility trailer are equipped with  
Hendrickson PRECISION nut systems and lubricated with  
synthetic grease.**

**Inspect/refill hub per maintenance specifications with same  
oil using good refilling procedures. Inspect wheel ends every  
year or 100,000 miles.**

**Maintain per Utility Trailer Service bulletin SB-08-151**

T70008 11-12 ECN 21717

Printed in the United States of America.



## **Utility UTM-7 Wheel End**

**The UTM-7 wheel ends on this Utility trailer are equipped with Hendrickson PRECISION320™ nut systems and lubricated with Chevron Delo® Synthetic Grease SF. DO NOT remove this hubcap without first contacting Utility at 800-423-6591. Inspect wheel ends every year or 100,000 miles. Maintain per Utility Trailer Service bulletin SB-08-151**

T70009 11-12 ECN 21717

Printed in the United States of America.

# UTILITY UTM-7 WHEEL END

**\* DO NOT remove the UTM-7 hubcap without first contacting Utility at 800-423-6591.**

- UTM-7 wheel end is equipped with a Hendrickson PRECISION320™ nut system.
- Do not add lubricant, hub is pre-filled with Chevron Delo Synthetic Grease SF.
- Quarterly rotate wheel end to ensure smooth, quiet rotation. If not, contact Utility. \*
- Hub removal voids warranty. \*

**Maintain per Utility Trailer Service bulletin SB-08-151**