

Triton 06433-P

Triton 06433-P 1 3/8-inch Bearing Seal Instruction Manual

Model: 06433-P

INTRODUCTION

The Triton 06433-P 1.375-inch Bearing Seal is a critical component designed to protect wheel bearings from contaminants and retain grease, ensuring smooth operation and longevity of your axle system. This seal is supplied as a 2-pack and corresponds to Dexter Part # 010-019-00. It features a double-lip design suitable for both standard grease and E-Z Lube applications. This manual provides essential information for proper handling, installation, and maintenance of your bearing seals.



This image displays two Triton 06433-P 1 3/8-inch Bearing Seals. Each seal features a metallic outer ring with a bronze-like finish and a black rubber inner lip, designed to prevent grease leakage and protect bearings.

SETUP AND INSTALLATION

Proper installation of the bearing seal is crucial for its effectiveness and the protection of your axle bearings. These seals are designed for use on Dexter and other 3,500 lb. axles, specifically in applications that utilize L44649 Outer Bearings and L68149 Inner Bearings.

Installation Steps:

- Preparation:** Ensure the hub and spindle surfaces are clean and free from old grease, dirt, or debris. Inspect the bearing surfaces for any damage or wear.
- Bearing Installation:** Install the inner bearing (L68149) into the hub.

3. **Seal Lubrication:** Lightly coat the outer diameter of the new bearing seal with a thin layer of grease to aid in installation and prevent damage.
4. **Seal Seating:** Carefully press the seal into the hub bore until it is fully seated and flush with the hub face. Use a seal driver or a block of wood and a hammer to evenly apply pressure around the seal's circumference. Avoid striking the rubber lip directly.
5. **Grease Application:** Pack the inner bearing and the hub cavity with appropriate wheel bearing grease.
6. **Assembly:** Reassemble the hub onto the spindle, ensuring the outer bearing (L44649) is properly installed and the spindle nut is torqued to specifications.

Always refer to your axle manufacturer's specific instructions for detailed torque specifications and assembly procedures.

OPERATING PRINCIPLES

The Triton 06433-P bearing seal functions by creating a barrier that prevents grease from escaping the bearing cavity and stops external contaminants (such as water, dirt, and road debris) from entering. Its double-lip design provides enhanced sealing capability, crucial for maintaining the integrity and lubrication of the wheel bearings in demanding environments. Once installed, the seal operates passively, continuously protecting the bearings during vehicle operation.

MAINTENANCE

Regular inspection and proper maintenance are essential to ensure the longevity and effectiveness of your bearing seals and the overall health of your axle system.

Recommended Maintenance:

- **Visual Inspection:** Periodically inspect the seals for signs of wear, cracking, or grease leakage. Any visible damage or leakage indicates a need for replacement.
- **Bearing Repacking:** During routine wheel bearing repacking or inspection, it is highly recommended to replace the bearing seals. Seals are generally considered a one-time use component, as removal can damage their sealing integrity.
- **Proper Lubrication:** Ensure that bearings are always properly lubricated with the correct type and amount of grease. Over-greasing or under-greasing can lead to seal failure or bearing damage.

TROUBLESHOOTING

While bearing seals are relatively simple components, issues can arise if they are not installed correctly or if they wear out over time.

Common Issues and Solutions:

- **Grease Leakage:**
 - **Cause:** Damaged seal during installation, worn-out seal, improper seal seating, or excessive grease pressure.
 - **Solution:** Replace the seal, ensuring proper installation techniques are followed. Check for proper bearing adjustment and grease levels.
- **Contaminant Entry (e.g., water, dirt in bearings):**

- **Cause:** Damaged or improperly installed seal, or seal material degradation.
- **Solution:** Replace the seal. Inspect bearings for contamination and replace if necessary. Ensure the seal is fully seated and not cocked.
- **Premature Seal Wear:**
 - **Cause:** Improper installation, rough spindle surface, incorrect bearing adjustment, or use of incompatible lubricants.
 - **Solution:** Inspect spindle for burrs or damage. Ensure bearings are properly adjusted. Use only recommended grease. Replace the seal.

SPECIFICATIONS

Attribute	Detail
Brand	Triton
Model Number	06433-P
Part Number (Dexter Equivalent)	010-019-00
Inner Diameter (I.D.)	1.719 inches
Outer Diameter (O.D.)	2.565 inches
Compatible Axle Weight	3,500 lb. axles
Compatible Bearings	L44649 Outer Bearing & L68149 Inner Bearing
Seal Type	Double Lip Seal
Material	Rubber
Compatible Lubricant	Grease

WARRANTY INFORMATION

Specific warranty details for the Triton 06433-P 1 3/8-inch Bearing Seal are not provided in the product data. Please refer to the manufacturer's official website or contact Triton customer support for any warranty-related inquiries.

SUPPORT

For technical assistance, product inquiries, or further support regarding your Triton 06433-P Bearing Seals, please visit the official Triton website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

You can also visit the Triton Store on Amazon for more products and information:[Triton Store](#)

no relevant documents