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› Stens Wheel Bearing 215-038 Instruction Manual

Stens 215-038

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1. PRODUCT OVERVIEW

The Stens Wheel Bearing 215-038 is engineered for low-speed applications in various outdoor power equipment. This bearing is designed to provide reliable performance and durability. It is crucial to verify the part fits your specific equipment before installation.



Image 1.1: Stens Wheel Bearing 215-038. This image displays the wheel bearing, highlighting its compact design and metallic construction.

2. SPECIFICATIONS

Detailed specifications for the Stens Wheel Bearing 215-038 are provided below:

- **Description:** Wheel Bearing
- **Inner Diameter (ID):** 0.625 inches
- **Outer Diameter (OD):** 1.375 inches
- **Height:** 0.500 inches
- **Application:** Low speed
- **Material:** Alloy Steel
- **Bearing Type:** Ball Bearing
- **Compatible Lubricant:** Grease
- **Item Weight:** 1.6 ounces

- **Product Dimensions:** 1.38 x 1.38 x 0.5 inches
- **Compatible with:** 175-026 wheel rim and hub

3. SETUP AND INSTALLATION

Proper installation is essential for the longevity and performance of the wheel bearing. Follow these guidelines:

1. **Verify Compatibility:** Before beginning installation, confirm that the bearing's dimensions (ID, OD, Height) precisely match the requirements of your equipment's hub and axle. Refer to your equipment's service manual for specific requirements.
2. **Prepare the Hub:** Ensure the bearing housing or tube in the hub is clean and free from debris, rust, or old grease. Any imperfections can hinder proper seating of the new bearing.
3. **Installation Method:** The Stens 215-038 bearing is designed to be pressed or driven into the bearing tube of a hub. Use a bearing press tool or a suitable drift and hammer to gently and evenly tap the bearing into place. Apply force only to the outer race of the bearing to prevent damage to the internal components.
4. **Lubrication:** While the bearing comes pre-greased, it is recommended to pack it with additional compatible grease, such as a waterproof high-temperature grease, especially for applications exposed to moisture or harsh conditions.
5. **Final Check:** After installation, ensure the wheel rotates freely without excessive play or binding. The bearing should be fully seated and flush with its housing.

4. OPERATING INSTRUCTIONS

The Stens Wheel Bearing 215-038 is specifically designed for low-speed applications. Adhering to this design parameter is critical for optimal performance and to prevent premature wear or failure.

- **Speed Limits:** Do not use this bearing in high-speed applications. Operating beyond its intended low-speed range can lead to overheating, increased friction, and rapid degradation of the bearing components.
- **Load Capacity:** Ensure the load applied to the wheel and bearing assembly does not exceed the equipment's manufacturer specifications. Overloading can stress the bearing and reduce its lifespan.
- **Environmental Conditions:** While the bearing can be packed with waterproof grease, prolonged exposure to extreme moisture, dirt, or corrosive substances should be minimized to extend its service life.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable operation of your wheel bearing:

- **Lubrication:** Periodically inspect the bearing for adequate lubrication. If your hub allows for re-greasing, replenish with a compatible, high-quality grease as needed, especially after prolonged use or exposure to wet conditions.
- **Inspection:** Regularly check the wheel for any signs of unusual noise, excessive play (wobble), or resistance during rotation. These can indicate bearing wear or damage.
- **Cleaning:** Keep the area around the bearing clean from dirt, dust, and debris, which can contaminate the bearing and accelerate wear.
- **Replacement:** If the bearing shows significant signs of wear, such as grinding noises, roughness when turning, or excessive play, it should be replaced immediately to prevent further damage to the equipment.

6. TROUBLESHOOTING

If you encounter issues with your wheel bearing, consider the following:

- **Excessive Wheel Wobble:** This often indicates a worn bearing or improper installation. Check if the bearing is fully seated and inspect for play.
- **Unusual Noises (Grinding, Squealing):** These sounds typically point to a lack of lubrication, contamination, or internal damage to the bearing. The bearing may need re-greasing or replacement.
- **Wheel Resistance/Binding:** This could be due to an over-tightened assembly, improper bearing seating, or internal bearing damage. Ensure the wheel assembly is not overtightened and the bearing is correctly installed.
- **Premature Failure:** If the bearing fails sooner than expected, review the operating conditions to ensure it was not subjected to excessive speed, load, or inadequate lubrication. Verify the correct bearing type was used for the application.

7. WARRANTY INFORMATION

Stens stands behind the quality of its products.

- **Warranty Period:** The Stens Wheel Bearing 215-038 is covered by a 1-year warranty from the date of purchase.
- **Coverage:** This warranty ensures reliability and performance. In the rare event that the product does not perform flawlessly due to manufacturing defects, Stens will replace it within one year of your order.
- **Claim Process:** For warranty claims, please retain your proof of purchase and contact Stens customer service.

8. SUPPORT AND CONTACT

For further assistance, technical support, or inquiries regarding the Stens Wheel Bearing 215-038, please contact Stens customer service directly. When contacting support, please refer to the product model number **215-038** to ensure efficient service.



Image 8.1: Stens Brand Logo. This logo represents the Stens brand, a provider of replacement parts for outdoor power equipment.

You can find more information and contact details on the official Stens website or through authorized Stens dealers.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question