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Gdrasuya10 189mm 36x3mm Balance Shaft

Gdrasuya10 Wheel Balancer Conversion Threaded Shaft User Manual

Model: 189mm 36x3mm Balance Shaft

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Gdrasuya10 Wheel Balancer Conversion Threaded Shaft. Please read this manual thoroughly before use to ensure safe and efficient operation and to maximize the lifespan of your product.

The Gdrasuya10 Wheel Balancer Conversion Threaded Shaft is a high-quality steel component designed to replace existing threaded shafts in wheel balancing machines, facilitating efficient tire and wheel balancing operations.

PRODUCT OVERVIEW

The Gdrasuya10 Wheel Balancer Conversion Threaded Shaft is constructed from durable steel, ensuring longevity and reliable performance in demanding workshop environments. Its design allows for seamless integration into compatible wheel balancing machines.

Key Features:

- **Material:** High-quality Steel
- **Durability:** Designed for long-term use and as a reliable replacement part.
- **Compatibility:** Suitable for various wheel balancer machines requiring a 36x3mm threaded shaft.
- **Dimensions:** Approximately 3.6cm diameter x 18.9cm height.



Figure 1: The Gdrasuya10 Wheel Balancer Conversion Threaded Shaft shown alongside a stack of vehicle tires, illustrating its intended use in tire balancing operations.



Figure 2: The threaded shaft positioned with a background image of a mechanic performing wheel balancing, emphasizing the product's application in automotive service.



Figure 3: A clear, isolated top-down view of the Gdrasuya10 Wheel Balancer Conversion Threaded Shaft, highlighting its full length and threaded design.

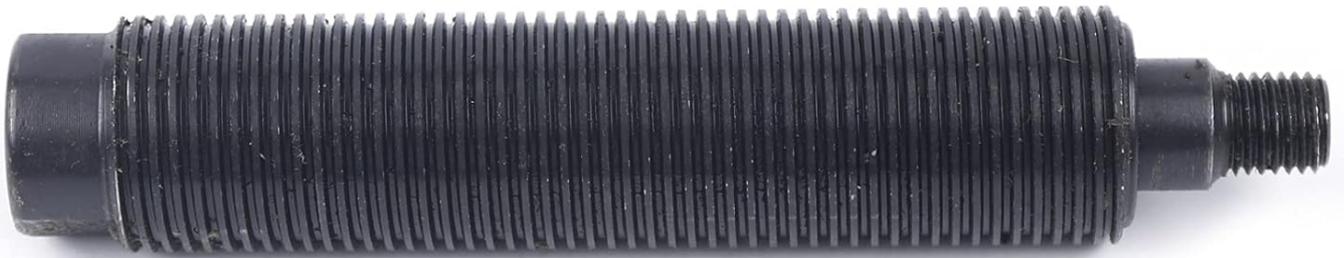


Figure 4: The threaded shaft shown with magnified insets of both its threaded end and the opposite flat end, providing a closer look at the critical connection points.

SAFETY INFORMATION

Always observe general workshop safety practices when working with machinery and tools. This product is a component of a larger machine; ensure the main machine is powered off and secured before installation or maintenance.

- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves.
- Ensure the wheel balancer machine is unplugged or de-energized before attempting any installation or replacement.
- Handle the shaft carefully to avoid dropping or damaging it.
- If unsure about any procedure, consult a qualified technician.

SETUP AND INSTALLATION

This threaded shaft is designed as a direct replacement part for compatible wheel balancing machines. The installation process typically involves removing the old shaft and carefully threading the new one into place.

Installation Steps:

1. **Prepare the Machine:** Ensure the wheel balancer machine is turned off and disconnected from its power source.
2. **Access the Shaft:** Depending on your specific wheel balancer model, you may need to remove covers or other components to access the existing threaded shaft. Refer to your wheel balancer's primary instruction manual for detailed access procedures.
3. **Remove Old Shaft:** Carefully unthread and remove the old or damaged shaft. Note the direction of threading.
4. **Inspect and Clean:** Inspect the receiving threads on the wheel balancer for any debris or damage. Clean if necessary.
5. **Install New Shaft:** Align the Gdrasuya10 Conversion Threaded Shaft with the receiving threads and carefully begin to thread it into place. Ensure it is threaded straight to avoid cross-threading.
6. **Secure the Shaft:** Tighten the shaft firmly by hand, then use appropriate tools if required by your machine's design, ensuring it is securely seated without over-tightening.
7. **Reassemble:** Reassemble any components or covers that were removed to access the shaft.
8. **Test:** Reconnect power to the wheel balancer and perform a test run to ensure the new shaft functions correctly and securely.

OPERATING INSTRUCTIONS

This threaded shaft is a passive component within the wheel balancing machine. Its operation is integrated with the overall function of the balancer. Once installed, it provides the secure mounting point for the wheel during the balancing process.

General Operation (as part of a wheel balancer):

1. Ensure the threaded shaft is clean and free of debris.
2. Mount the wheel securely onto the threaded shaft, ensuring it is centered and properly tightened with the appropriate cone and wing nut/quick-release mechanism.
3. Follow the operating instructions of your specific wheel balancing machine to perform the balancing procedure.
4. After balancing, carefully remove the wheel from the shaft.

MAINTENANCE

Regular maintenance of the threaded shaft will ensure its longevity and the accuracy of your wheel balancing operations.

Maintenance Schedule:

- **Daily/Before Use:**
 - Inspect the threads for any visible damage, wear, or burrs.
 - Clean any dirt, grease, or balancing compound residue from the shaft.
- **Weekly/Monthly (depending on usage):**
 - Apply a thin coat of light machine oil or grease to the threads to ensure smooth operation and prevent corrosion.

- Check for any signs of bending or deformation of the shaft.

Note: A damaged or worn threaded shaft can lead to inaccurate balancing results and potential safety hazards. Replace the shaft immediately if significant wear or damage is observed.

TROUBLESHOOTING

This section addresses common issues related to the threaded shaft itself. For issues with the wheel balancer machine, refer to its specific manual.

Problem	Possible Cause	Solution
Difficulty threading wheel onto shaft.	<ul style="list-style-type: none"> • Threads are dirty or corroded. • Threads are damaged (burrs, cross-threading). • Incorrect wheel adapter/cone. 	<ul style="list-style-type: none"> • Clean threads thoroughly. Apply lubricant. • Inspect for damage. If significant, replace the shaft. • Ensure correct wheel adapter/cone is used for the wheel.
Wheel wobbles on shaft during balancing.	<ul style="list-style-type: none"> • Shaft not securely tightened. • Shaft is bent or damaged. • Incorrectly mounted wheel. 	<ul style="list-style-type: none"> • Ensure the wheel is properly secured and tightened on the shaft. • Inspect shaft for bending. If bent, replace immediately. • Re-mount the wheel, ensuring it is centered and snug.
Premature wear on threads.	<ul style="list-style-type: none"> • Lack of lubrication. • Over-tightening. • Frequent cross-threading. 	<ul style="list-style-type: none"> • Apply lubricant regularly. • Tighten only until snug, avoid excessive force. • Ensure proper alignment when threading.

SPECIFICATIONS

Attribute	Value
Product Name	Wheel Balancer Conversion Threaded Shaft
Brand	Gdrasuya10
Material	Steel
Product Size (Diameter * Height)	3.6 cm * 18.9 cm (approx. 1.42 inches * 7.44 inches)
Thread Specification	36x3mm (M36x3)
Net Weight	0.8 kg (approx. 1.76 lbs)

Attribute	Value
Gross Weight (with packaging)	1.1 kg (approx. 2.43 lbs)
Package Includes	1X Wheel Balancer Conversion Threaded Shaft

WARRANTY AND SUPPORT

This product is designed for durability and performance. For any questions regarding the product size, compatibility, or if you encounter any issues, please contact the seller directly.

The seller, Gdrasuya10, commits to providing customer service and aims to respond to inquiries within 24 hours.

For returns or replacements, please refer to the purchase platform's return policy (e.g., Amazon's 30-day return policy).

Contact Information: Please refer to your purchase order or the seller's store page on the platform where you purchased the product for direct contact methods.



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