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BARTOO TC069-GR

BARTOO Wheel Clamp & Magnetic Adapter (Model TC069-GR) Instruction Manual

For 11-25 Inch Rims Wheel Alignment Tool

Introduction

This manual provides detailed instructions for the proper use and maintenance of your BARTOO Wheel Clamp and Magnetic Adapter. This tool is designed to assist in precise wheel alignment adjustments for vehicles with standard rims ranging from 11 to 25 inches. Please read this manual thoroughly before operation to ensure safe and effective use.



Image: The BARTOO Wheel Clamp and Magnetic Adapter components.

Safety Information

Always prioritize safety when working with automotive tools. Failure to follow safety guidelines can result in injury or damage to equipment.

- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves.
- Ensure the vehicle is securely supported on a level surface using jack stands before performing any work.
- Do not use the tool on damaged or incompatible rims. Refer to the compatibility section.
- Keep hands and clothing clear of moving parts during adjustment.
- Store the tool in a clean, dry place away from children.

Product Overview

The BARTOO Wheel Clamp and Magnetic Adapter is constructed from precision-molded aluminum materials, ensuring durability and measurement accuracy. It includes a universal stainless steel magnetic adapter compatible with various magnetic alignment tools and automotive gauges.

Components:

- Wheel Clamp
- Magnetic Adapter
- Safety Fixing Rope (Bungee Cord)



Image: Overview of the wheel clamp, magnetic adapter, and accessories.

Specifications

Feature	Detail
Model Number	TC069-GR

Compatibility	Standard rims 11 to 25 inches. **Not compatible with:** classic/vintage rims, deep-dish, lipless, multi-piece split, or magnesium alloy rims.
Material	Precision molded aluminum (clamp), Stainless steel (magnetic adapter)
Item Weight	10.93 pounds
Package Dimensions	21 x 12 x 6.5 inches

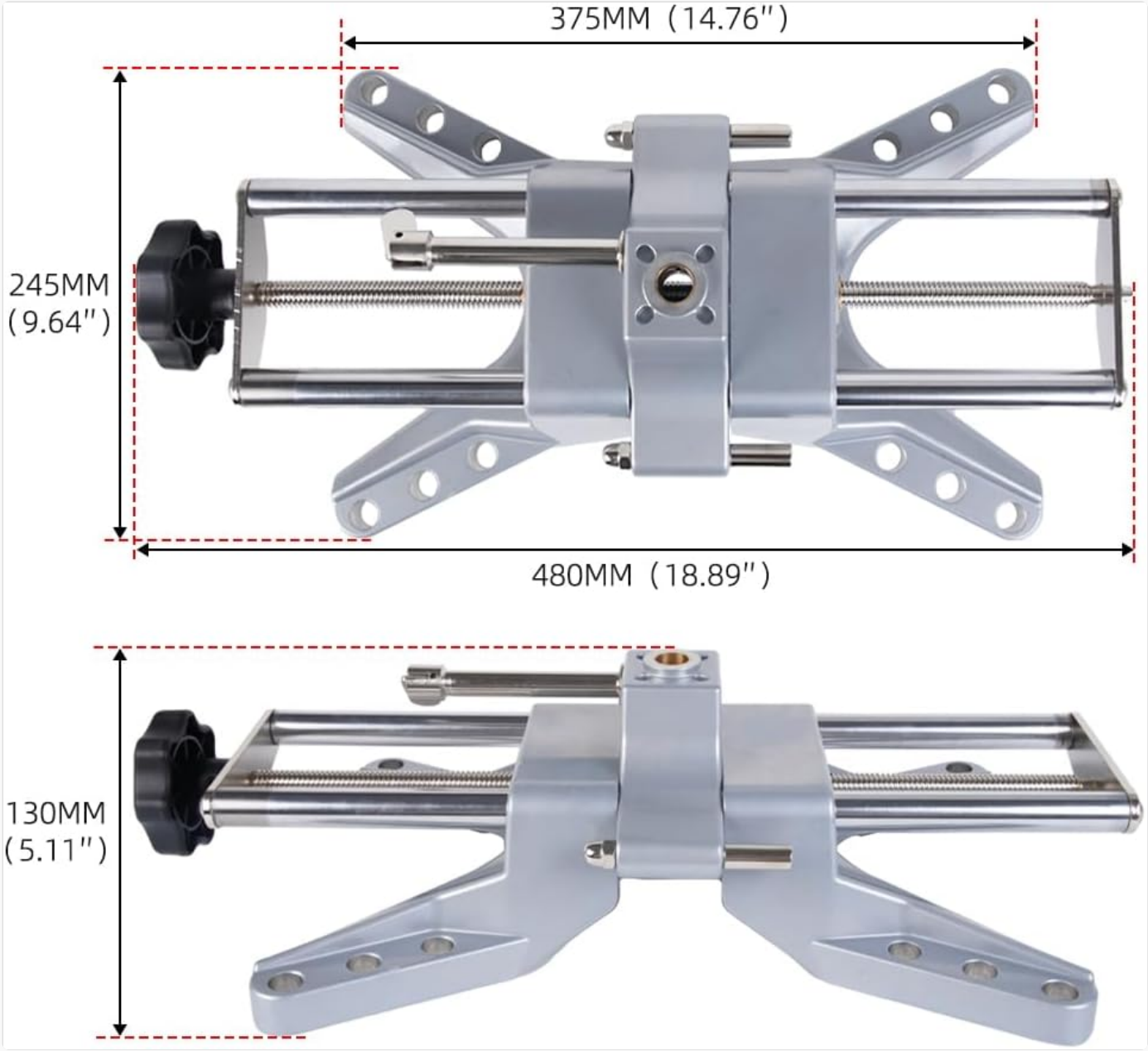


Image: Detailed dimensions of the wheel clamp.

Setup

1. **Verify Compatibility:** Ensure your vehicle's rims are standard and fall within the 11 to 25-inch range. This tool is not suitable for classic/vintage, deep-dish, lipless, multi-piece split, or magnesium alloy rims.
2. **Prepare the Vehicle:** Park the vehicle on a level surface and engage the parking brake. For safety, it is recommended to lift the vehicle and support it with jack stands if you need to rotate the wheel freely.

3. **Attach the Wheel Clamp:** Position the wheel clamp onto the rim. Turn the rotating knob to make quick and simple clamping adjustments. Ensure the clamp is securely fastened to the rim without causing damage.
4. **Attach Magnetic Adapter:** The stainless steel magnetic adapter can be attached to the wheel clamp's plate. This adapter is designed to hold magnetic alignment tools or gauges.

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Video: Demonstration of attaching the wheel clamp and magnetic adapter to a wheel.

Operating Instructions

Follow these steps for accurate wheel alignment measurements:

1. **Initial Measurement:** Place a digital level or a long rod on the rim’s outer edges to take an initial reading of the wheel's angle.
2. **Compare with Adapter:** Transfer the digital level or rod to the wheel clamp adapter plate and take a reading.
3. **Adjust the Wheel:** Adjust the wheel clamp until the angles measured on the rim and the adapter plate match exactly. This indicates proper alignment.
4. **For Bubble Levels:** If using bubble levels, employ two simultaneously to enhance adjustment accuracy and ensure consistent readings.



Image: The wheel clamp attached to a tire, demonstrating its use with an alignment level.



Image: Close-up view of the magnetic adapter plate with a camber gauge attached.

Maintenance

Proper maintenance will extend the life and accuracy of your BARTOO Wheel Clamp and Magnetic Adapter:

- Clean the tool after each use with a dry cloth to remove dirt, grease, or debris.
- Inspect all components for wear or damage before and after each use. Replace any worn or damaged parts immediately.
- Store the tool in its original packaging or a protective case in a dry environment to prevent corrosion and damage.
- Do not use harsh chemicals or abrasive materials for cleaning, as this may damage the finish or precision components.

Troubleshooting

If you encounter issues while using the BARTOO Wheel Clamp and Magnetic Adapter, consider the following:

- **Inaccurate Readings:**
  - Ensure the tool is securely clamped to the rim and not shifting.
  - Verify the rim is clean and free of obstructions where the clamp attaches.
  - Check that the magnetic adapter is firmly seated and the level/gauge is calibrated correctly.
  - Ensure the vehicle is on a perfectly level surface.
- **Difficulty Clamping:**
  - Confirm your rim size is within the 11-25 inch compatibility range.
  - Check for any debris or damage on the rim or clamp jaws preventing a secure fit.
  - Ensure the rotating knob mechanism is clean and operating smoothly.

Warranty and Support

BARTOO is committed to providing high-quality products. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims. For product support, technical assistance, or to inquire about replacement parts, please contact BARTOO customer service through the retailer where the product was purchased or visit the official BARTOO website.
We value your feedback and are here to assist you with any questions or concerns regarding your Wheel Clamp and Magnetic Adapter.

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