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## Mimoke MMK-JGGDQ

# Mimoke Bicycle Adjustable Saw Guide Instruction Manual

Brand: Mimoke | Model: MMK-JGGDQ

## 1. INTRODUCTION

The Mimoke Bicycle Adjustable Saw Guide is an essential tool designed to assist in precisely cutting bicycle fork steerers, seatposts, and handlebars. Constructed from high-strength, corrosion-resistant aluminum alloy, this tool ensures stability and accuracy, making it suitable for various bicycle types and weather conditions. Its user-friendly design simplifies the cutting process, enhancing both safety and comfort for cycling enthusiasts.

### Key Features:

- **Enhanced Safety:** Made from high-strength materials to ensure all components are securely held in place during your ride, providing peace of mind.
- **Easy Installation:** User-friendly design allows for easy installation without professional tools.
- **Durable and Long-lasting:** Corrosion-resistant and rust-proof materials withstand various weather conditions.
- **Versatile Design:** Compatible with various types of bicycles, offering adaptability for different users.
- **Stylish Appearance:** Sleek design enhances the overall aesthetic of your bike.

## 2. COMPONENTS

The Mimoke Bicycle Adjustable Saw Guide includes the following main components:

- Adjustable Saw Guide Body (Aluminum Alloy)
- Knurled Handle (Blue, for tightening)
- Internal Clamp Mechanism
- Stainless Steel Side Plates



Figure 2.1: Overview of the Mimoke Bicycle Adjustable Saw Guide.

### 3. SETUP

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Before beginning any cutting operation, ensure your workspace is clean, well-lit, and stable. Always wear appropriate safety gear, including eye protection and gloves.

1. **Secure the Saw Guide:** Place the Mimoke Adjustable Saw Guide onto a sturdy workbench vise. The wider base of the tool (as shown in Figure 3.1) provides stability. Tighten the vise securely to prevent any movement during the cutting process.

## Product Size

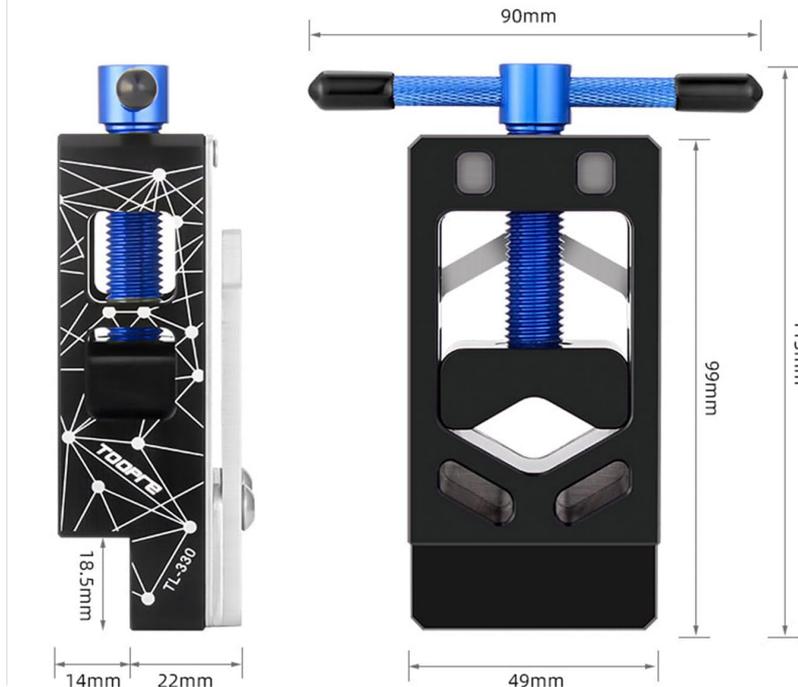


Figure 3.1: The saw guide's wider base provides stability when clamped in a vise.

2. **Loosen the Adjusting Handle:** Rotate the blue knurled handle counter-clockwise to loosen the internal clamping mechanism. This will open the clamp, allowing you to insert the tube to be cut.



Figure 3.2: The aluminum alloy press and knurled handle for adjustment.

3. **Prepare the Tube:** Mark the desired cut line on the bicycle tube (fork steerer, seatpost, or handlebar). Ensure the tube is clean and free of debris.

## 4. OPERATING INSTRUCTIONS

Follow these steps for precise and safe cutting of bicycle tubes. The tool is compatible with tubes ranging from 15mm to 37mm in outer diameter (0.591" to 1.46").

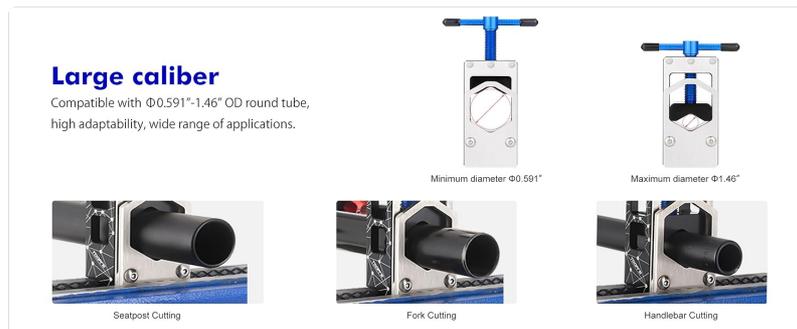


Figure 4.1: The saw guide accommodates various tube diameters (15mm-37mm) and is suitable for seatposts, forks, and handlebars.

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Video 4.1: Demonstration of the Mimoke Bicycle Adjustable Saw Guide in action, showing the full cutting process from setup to finishing.

1. **Insert the Tube:** Place the bicycle tube into the saw guide, aligning your pre-marked cut line with the cutting slot. Ensure the tube is seated firmly and straight within the guide.
2. **Tighten the Clamp:** Rotate the blue knurled handle clockwise to tighten the internal clamp. Apply sufficient pressure to securely hold the tube in place without deforming it. The tool's design prevents damage to the round tube.
3. **Begin Cutting:** Using a hacksaw with a suitable blade for your tube material (e.g., metal-cutting blade for aluminum or steel, fine-tooth blade for carbon fiber), begin sawing through the tube. The guide provides a precise slot for the saw blade, ensuring a straight and accurate cut. Maintain a steady, even pressure.
4. **Complete the Cut:** Continue sawing until the tube is completely separated. The guide ensures a consistent cut height of 50mm and a cut width tolerance of  $\pm 1.9$ mm.



Figure 4.2: The saw guide ensures a precise cut height of 50mm and a cut width tolerance of  $\pm 1.9$ mm.

5. **Remove the Tube:** Once the cut is complete, loosen the knurled handle and carefully remove the cut tube from the guide.
6. **Finish the Edge:** It is recommended to use a file or sandpaper to deburr and smooth the freshly cut edge of the tube. This prevents sharp edges and ensures a clean finish.



Figure 4.3: Visual step-by-step guide for operating the Mimoke Bicycle Adjustable Saw Guide.

## 5. MAINTENANCE

Proper maintenance will extend the life of your Mimoke Bicycle Adjustable Saw Guide:

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any metal shavings or debris. For stubborn residue, a mild cleaner can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a small amount of light machine oil to the screw threads of the adjusting handle to ensure smooth operation.
- **Storage:** Store the tool in a dry environment to prevent rust and corrosion. Keep it away from excessive moisture and extreme temperatures.
- **Inspection:** Regularly inspect the tool for any signs of wear, damage, or loose components. Ensure all

screws are tight.

## 6. TROUBLESHOOTING

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If you encounter issues while using your Mimoke Bicycle Adjustable Saw Guide, refer to the following common problems and solutions:

- **Tube is not held securely:**
  - Ensure the knurled handle is tightened sufficiently.
  - Verify the tube diameter is within the compatible range (15mm-37mm).
  - Check for any debris inside the clamping mechanism that might prevent proper grip.
- **Uneven or crooked cut:**
  - Ensure the saw guide is firmly secured in the workbench vise and does not move during cutting.
  - Verify the tube is inserted straight and fully seated within the guide.
  - Apply even pressure to the hacksaw throughout the cut.
  - Check if the hacksaw blade is straight and not bent or dull.
- **Difficulty tightening the handle / Stripped threads:**
  - Do not overtighten the handle. Apply firm but not excessive force.
  - Ensure the threads are clean and free of debris.
  - Apply a small amount of lubricant to the threads if they feel stiff.
  - If threads are stripped, the component may need replacement. Contact customer support.

## 7. SPECIFICATIONS

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Specification	Detail
Brand Name	Mimoke
Model Name	MMK-JGGDQ
Color	Black-blue
Material	Aluminum
Item Weight	0.36 Kilograms
Item Package Dimensions (L x W x H)	5.83 x 3.74 x 2.2 inches
Suggested Users	unisex-adult
Style	Modern
Applicable Caliber (OD)	15mm - 37mm (0.591" - 1.46")
Cut Height	50mm
Cut Width Tolerance	±1.9mm



Figure 7.1: Detailed product dimensions.

## 8. WARRANTY AND SUPPORT

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The Mimoke Bicycle Adjustable Saw Guide comes with a **2 Year Warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use.

For warranty claims, technical support, or any questions regarding the product, please contact Mimoke customer service through the retailer where the product was purchased or visit the official Mimoke website for contact information.

Please retain your proof of purchase for warranty validation.