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› CYSKY Adjustable Bike Stem Instruction Manual (31.8mm/25.4mm Universal)

## CYSKY 31.8/25.4mm Universal Stem

# CYSKY Adjustable Bike Stem Instruction Manual

Model: 31.8/25.4mm Universal Stem

### 1. INTRODUCTION

This manual provides detailed instructions for the installation, adjustment, and maintenance of your CYSKY Adjustable Bike Stem. Designed for versatility, this stem allows you to customize your riding posture for enhanced comfort and control on various bicycle types.

### 2. SAFETY INFORMATION

Always ensure all bolts are securely tightened before riding. Regularly inspect the stem for any signs of wear or damage. If you are unsure about any installation or adjustment steps, consult a professional bike mechanic. Failure to properly install or maintain the stem could result in serious injury.

### 3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Bicycle Stem (1x)
- Bike Stem Shim (1x) (for 31.8mm to 25.4mm handlebar adjustment)
- Hexagonal Wrench (2x)



Image: CYSKY Adjustable Bike Stem with the included 25.4mm handlebar shim.

#### 4. KEY FEATURES

- **Adjustable Angle:** From  $-90^{\circ}$  to  $+90^{\circ}$ , allowing significant handlebar height adjustment for a comfortable upright riding position.
- **Universal Compatibility:** Fits 31.8mm and 25.4mm handlebars (includes built-in bar shim for 25.4mm).
- **Fork Stem Diameter:** Designed for 28.6mm (1-1/8") front fork stems.
- **Durable Construction:** Made from precision 3D Forged aluminum alloy with CNC process for strength and corrosion resistance.
- **Versatile Application:** Suitable for most road bikes, mountain bikes, downhill bikes, track bikes, MTB, BMX, and city bikes.

#### 5. PRODUCT OVERVIEW AND DIMENSIONS

The CYSKY Adjustable Bike Stem is available in various lengths to suit different rider preferences and bike geometries.

1Pc:334g



Center distance:110mm



Center distance:110mm

Image: Detailed dimensions of the CYSKY Adjustable Bike Stem, illustrating compatibility with 31.8mm and 25.4mm handlebars, a 110mm center distance, and a 35mm height.



Image: Visual comparison of CYSKY Adjustable Bike Stems in 90mm, 110mm, and 145mm lengths, all featuring adjustable angles.

## 6. INSTALLATION

Follow these steps to properly install your CYSKY Adjustable Bike Stem:

1. **Prepare the Fork:** Ensure the top tube of your bike's front fork is clean and free of debris.
2. **Install the Stem:** Slide the CYSKY Adjustable Bike Stem onto the top tube of the front fork. Place the stem cover on top and lightly tighten the screws to hold it in place. Do not fully tighten yet.
3. **Attach Handlebars:** Position your handlebars within the stem's clamp. If your handlebars are 25.4mm, use the provided shim. Tighten the four handlebar fixing screws evenly.
4. **Final Tightening:** Once the handlebars are aligned and the stem is straight, fully tighten the stem cover screw and the four handlebar fixing screws. Refer to the torque specifications for your bike components if available.

Your browser does not support the video tag.

Video: Step-by-step guide on installing the CYSKY Adjustable Bike Stem onto a bicycle fork and attaching the handlebars.



Image: The CYSKY Adjustable Bike Stem securely installed on a bicycle, ready for use.

## 7. ADJUSTMENT AND OPERATION

The CYSKY Adjustable Bike Stem allows for angle adjustments from  $-90^{\circ}$  to  $+90^{\circ}$  to fine-tune your riding position.

1. **Loosen Adjustment Screw:** Locate the central adjustment screw on the stem. Use the provided hexagonal wrench

to loosen this screw.

2. **Select Angle:** Carefully adjust the handlebar angle to your desired position. The stem features markings to help you achieve precise angles.
3. **Tighten Screw:** Once the desired angle is set, securely tighten the adjustment screw. Ensure it is firm to prevent movement during riding.

## -90 degrees to 90 degrees adjustable



Image: The CYSKY Adjustable Bike Stem demonstrating its -90 to +90 degree angle adjustment capability.

Your browser does not support the video tag.

Video: A user demonstrating the benefits and ease of adjustment of the CYSKY Adjustable Bike Stem, highlighting improved riding posture.

## 8. MAINTENANCE

To ensure the longevity and safe operation of your CYSKY Adjustable Bike Stem:

- **Regular Inspection:** Periodically check all bolts for tightness and ensure there is no play in the stem.
- **Cleaning:** Wipe down the stem with a damp cloth to remove dirt and grime. Avoid harsh chemicals that could damage the finish.

- **Lubrication:** Lightly lubricate the adjustment mechanism if it becomes stiff, using a bicycle-specific lubricant.
- **Damage Check:** Inspect for any cracks, bends, or other signs of damage, especially after impacts. Replace the stem immediately if any damage is found.

## 9. TROUBLESHOOTING

If you encounter issues with your CYSKY Adjustable Bike Stem, consider the following:

- **Stem feels loose:** Re-check all fixing screws (handlebar and fork stem) and the angle adjustment screw. Ensure they are tightened to appropriate torque specifications.
- **Handlebars slip:** Verify that the handlebar diameter matches the stem's clamp size (31.8mm or 25.4mm with shim). Ensure the shim is correctly installed if using a 25.4mm handlebar.
- **Difficulty adjusting angle:** Loosen the adjustment screw slightly more. Clean any dirt or debris from the adjustment mechanism and apply a small amount of lubricant if necessary.

If problems persist, contact CYSKY customer support or consult a professional bike mechanic.

## 10. SPECIFICATIONS

| Feature                  | Detail                                             |
|--------------------------|----------------------------------------------------|
| Brand                    | CYSKY                                              |
| Model Name               | 31.8mm and 25.4mm universal stem                   |
| Material                 | Aluminum                                           |
| Handlebar Clamp Diameter | 31.8mm (with shim for 25.4mm)                      |
| Front Fork Stem Diameter | 28.6mm (1-1/8")                                    |
| Adjustable Angle         | ±90 degrees                                        |
| Length Options           | 90mm, 110mm, 130mm, 145mm (current model is 110mm) |
| Item Weight              | 334 Grams (0.74 lb)                                |

## 11. WARRANTY AND SUPPORT

The CYSKY Adjustable Bike Stem comes with a **1-Year Warranty** from the date of purchase, covering manufacturing defects. For warranty claims, technical support, or any inquiries, please contact CYSKY customer service. You can also visit the official CYSKY store for more information and products:[CYSKY Store on Amazon](#).

## ASK A QUESTION ABOUT THIS MANUAL

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### Name

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### 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