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› Sweetone Bike Stem Riser Instruction Manual

Sweetone LZYUS-ZXCPJ-001

Sweetone Bike Stem Riser Instruction Manual

Model: LZYUS-ZXCPJ-001

Brand: Sweetone

1. INTRODUCTION

Thank you for choosing the Sweetone Bike Stem Riser. This adjustable handlebar extender is designed to increase the height of your bicycle's handlebars, providing a more comfortable and ergonomic riding position. It is suitable for most bicycles, including mountain bikes, road bikes, and BMX bikes with 28.6mm threaded bars. Please read this manual carefully before installation and use to ensure proper function and safety.



Figure 1.1: Sweetone Bike Stem Riser and its application on a bicycle.

2. PRODUCT OVERVIEW

2.1 Components

- Heighter Body: The main extension component.
- Washers (5x): Used to adjust the desired height.
- Top Cap: Secures the top of the stem.
- Fixed Screw: Long screw to secure the entire assembly.
- Allen Wrench: Tool for installation.

Product Accessories



Figure 2.1: Included Product Accessories.

2.2 Key Features

- **Sturdy Material:** Made of refined aluminum alloy, ensuring high toughness, no deformation, and corrosion resistance.
- **Double Screw Fastening:** Equipped with double screw locks and steel screws for a secure and stable handlebar, reducing the risk of loosening during rides.
- **Adjustable Height:** The extender measures 13.8 x 2.86 cm (5.43 x 1.13 inches) and can increase handlebar height by up to 10 cm (approximately 3.9 inches) using the included washers.
- **Enhanced Comfort:** Allows riders to adjust handlebar height to a comfortable position, reducing strain on your back, neck, and wrists.
- **Wide Compatibility:** Suitable for most bikes, mountain bikes, and road bikes with 28.6mm (1-1/8 inch) threaded forks.

3. SAFETY INFORMATION

- Always ensure all screws are tightened securely before riding. Loose components can lead to loss of control and injury.
- If you are unsure about the installation process, it is recommended to seek assistance from a

qualified bicycle mechanic.

- Regularly inspect the stem riser and surrounding components for any signs of wear, damage, or loosening.
- Ensure that brake and gear cables have sufficient slack after installation to avoid interference with steering or braking.
- Do not exceed the maximum recommended height adjustment.

4. INSTALLATION GUIDE

Follow these steps to install the Sweetone Bike Stem Riser:

1. **Remove Top Cap and Stem:** Use an Allen wrench to loosen and remove the top cap and the existing stem from your bicycle's fork. Carefully detach the handlebars from the stem.
2. **Insert Stem Riser:** Insert the lower part of the Sweetone Bike Stem Riser into the bicycle's fork tube.
3. **Add Washers:** Place the desired number of washers onto the stem riser to achieve your preferred handlebar height.
4. **Reattach Stem and Handlebars:** Place your original stem on top of the washers and the stem riser. Reattach your handlebars to the stem.
5. **Secure with Fixed Screw and Top Cap:** Insert the long fixed screw through the top cap, through your stem, and into the top of the stem riser. Tighten the screw firmly to secure the entire assembly. Ensure the handlebars are aligned straight with the front wheel before fully tightening the stem bolts.
6. **Tighten Side Bolts:** Secure the side bolts on the stem riser and your original stem to prevent rotation.

Installation Method



Figure 4.1: Step-by-step Installation Method.

4.1 Installation Video



Video 4.1: Demonstration of the Bike Stem Riser installation process. This video shows the steps involved in adding the extender to a bicycle's handlebar assembly, including loosening and tightening screws and adjusting components.

5. OPERATING INSTRUCTIONS

The primary function of the Sweetone Bike Stem Riser is to allow for adjustable handlebar height. By adding or removing the included washers, you can customize the height to suit your riding style and comfort needs.

- **Adjusting Height:** To change the height, loosen the top cap screw and the stem bolts. Add or remove washers as needed. Each washer contributes to the overall height increase.
- **Finding Your Comfort Zone:** Experiment with different washer configurations to find the handlebar height that provides the most comfortable riding posture, reducing strain on your back, neck, and wrists. A higher handlebar can lead to a more upright riding position, which is often preferred for casual riding or by individuals seeking to alleviate back discomfort.



Figure 5.1: Handlebar Heightening Device in use, illustrating its purpose.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your stem riser:

- **Regular Inspection:** Periodically check all bolts and screws for tightness, especially after the first few rides and after any significant height adjustments.
- **Cleaning:** Wipe down the stem riser with a damp cloth to remove dirt and grime. Avoid abrasive cleaners that could damage the finish.
- **Lubrication:** While not typically required for the stem riser itself, ensure that other moving parts of your bicycle's steering system are properly lubricated according to your bicycle's manual.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Handlebars feel loose or rotate	Stem bolts or top cap screw are not tight enough.	Ensure the top cap screw is tightened first, then securely tighten the side bolts on both the stem riser and your original stem.
Discomfort after installation	Handlebar height is not optimally adjusted for your body.	Adjust the number of washers to fine-tune the handlebar height until a comfortable riding position is achieved.
Cables are too tight or interfere with steering	Insufficient cable slack after increasing handlebar height.	Check brake and gear cable routing. If cables are too short, they may need to be replaced with longer ones by a professional.

8. SPECIFICATIONS

Feature	Detail
Material	Refined Aluminum Alloy
Product Dimensions	13.5 x 13.5 x 1.38 inches (approx. 34.3 x 34.3 x 3.5 cm)
Item Weight	7.4 ounces (approx. 210 grams)
Maximum Height Increase	Up to 10 cm (approx. 3.9 inches)
Fork Tube Diameter Compatibility	28.6mm (1-1/8 inch)
Color	Black
Model Number	LZYUS-ZXCPJ-001



Figure 8.1: Product Dimensions.

8.1 Compatibility Examples



Figure 8.2: Examples of compatible and incompatible bicycle types.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Sweetone Bike Stem Riser, please refer to the product packaging or contact Sweetone customer service directly. Keep your purchase receipt as proof of purchase.

You can also visit the official Sweetone store on Amazon for more information and product offerings:

[Sweetone Store](#)