

VGEBY1 VGEBYtnrefmwdvx-01

VGEBY1 Quick Release Aluminum Alloy Bicycle Seatpost Clamp

Instruction Manual for 25.4mm Seat Post

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your VGEBY1 Quick Release Aluminum Alloy Bicycle Seatpost Clamp. Please read these instructions thoroughly before use to ensure correct application and optimal performance. This clamp is specifically designed for bicycle frames that accommodate a 25.4mm diameter seat post, requiring a clamp with an inner diameter of 28.6mm.

2. PRODUCT OVERVIEW

The VGEBY1 Quick Release Seatpost Clamp is an aluminum alloy component designed for quick and easy adjustment of bicycle seat post height. Its durable construction and quick-release mechanism offer convenience and reliability.

2.1 Key Features

- **Material:** High-quality aluminum alloy with an anodized matte finish for durability and rust resistance.
- **Design:** Quick-release lever for tool-free seat post height adjustments.
- **Compatibility:** Designed for bicycle frames that accept a 25.4mm seat post, utilizing a 28.6mm inner diameter clamp.
- **Lightweight:** Weighs approximately 41 grams.

2.2 Components

- Seatpost Clamp Body
- Quick Release Lever
- Adjustment Screw/Nut



Figure 1: The VGEBY1 Quick Release Seatpost Clamp in its closed position, showcasing the quick-release lever and adjustment screw.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safety and functionality of your bicycle seat. Ensure your bicycle's seat tube outer diameter matches the clamp's inner diameter (28.6mm) and that your seat post diameter is 25.4mm.

3.1 Pre-Installation Check

1. **Verify Compatibility:** Measure the **outer diameter** of your bicycle's seat tube where the clamp will be installed. This clamp is designed for seat tubes with an outer diameter of approximately 28.6mm. Also, confirm your seat post has a 25.4mm diameter.
2. **Inspect Components:** Ensure all parts of the seatpost clamp are present and free from damage.



Figure 2: Diagram showing the approximate dimensions of the VGEY1 Seatpost Clamp, including its 28.6mm inner diameter.

3.2 Installation Steps

1. **Open the Clamp:** Fully open the quick-release lever.
2. **Position the Clamp:** Slide the seatpost clamp over the top of the bicycle's seat tube. Ensure it sits flush and correctly aligned.
3. **Insert Seat Post:** Insert your 25.4mm diameter seat post into the seat tube, through the clamp. Adjust the seat post to your desired height.
4. **Close the Lever:** Close the quick-release lever firmly. The lever should require moderate effort to close, indicating sufficient clamping force.
5. **Adjust Tension (if necessary):** If the seat post slips or the lever is too easy/hard to close, adjust the tension using the knurled nut on the opposite side of the quick-release lever.
 - Turn the nut clockwise to increase tension (make the lever harder to close).

- Turn the nut counter-clockwise to decrease tension (make the lever easier to close).

Important: Do not overtighten the nut, as this can damage the clamp or seat tube. The lever should close securely without excessive force.

6. **Test Security:** After closing the lever, attempt to twist or push the seat post down to ensure it is securely held in place.



It's easy to install and use

Figure 3: An example of the seatpost clamp correctly installed on a bicycle's seat tube, securing the seat post.

4. OPERATING INSTRUCTIONS

The quick-release mechanism allows for rapid seat height adjustments without tools.

1. To Adjust Seat Height:

- Open the quick-release lever by pulling it away from the clamp body.
- Adjust the seat post to the desired height. Ensure the minimum insertion mark on your seat post remains inside the seat tube.

- Close the quick-release lever firmly to secure the seat post.



Figure 4: The quick-release lever in the open position, ready for seat post adjustment.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your seatpost clamp.

- **Cleaning:** Wipe the clamp clean with a damp cloth periodically to remove dirt and grime. Avoid abrasive cleaners.
- **Lubrication:** Apply a small amount of light grease or anti-seize compound to the threads of the adjustment screw annually, or if it becomes stiff.
- **Inspection:** Regularly check the clamp for any signs of wear, cracks, or damage. Ensure the quick-release lever operates smoothly and securely.
- **Tension Check:** Periodically verify that the quick-release lever provides adequate clamping force. Adjust the tension nut if the seat post begins to slip.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Seat post slips down after clamping.	Insufficient clamping force; incorrect clamp size.	◦ Adjust the tension nut clockwise to increase clamping force. ◦ Ensure the clamp's inner diameter (28.6mm) matches the outer diameter of your bike's seat tube, and your seat post is 25.4mm. If the clamp is too large for the seat tube, it will not secure the seat post properly. ◦ Clean the seat post and inside of the seat tube to remove any grease or dirt.

Problem	Possible Cause	Solution
Quick-release lever is too hard to close.	Excessive clamping force; debris in mechanism.	- Adjust the tension nut counter-clockwise to decrease clamping force. - Inspect the mechanism for any obstructions and clean if necessary.
Clamp does not fit over the seat tube.	Incorrect clamp size.	Verify the outer diameter of your bicycle's seat tube. This clamp has an inner diameter of 28.6mm. If your seat tube is larger, this clamp is not compatible.

7. SPECIFICATIONS

Brand	VGEBY1
Model Number	VGEBYtnrefmwdvx-01
Material	Aluminum Alloy
Inner Diameter	Approx. 28.6mm (1.1 inches)
Compatible Seat Post Diameter	25.4mm
Overall Size	Approx. 65 x 48mm (2.6 x 1.9 inches)
Weight	Approx. 41g (1.4oz)
UPC	717444034774

8. WARRANTY AND SUPPORT

For warranty information or product support, please refer to the retailer or manufacturer's official website. The product description mentions a 180-day satisfaction guarantee for unconditional return and refund if not satisfied with the product received. For further assistance, please contact VGEBY1 customer service through your purchase platform.

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