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PLATT SP035

PLATT Bike Seat Post Clamp Instruction Manual

Model: SP035

Overview Features Size Selection Installation Specifications

1. Product Overview

The PLATT Quick Release Seat Post Clamp is designed for bicycles, offering a durable and lightweight solution for adjusting seatpost height. Constructed from aluminum alloy, it provides secure clamping with an easy-to-use quick-release mechanism.



Figure 1: PLATT Quick Release Seat Post Clamp (Black, 31.8mm)

2. Key Features

- **Material:** Durable and lightweight aluminum alloy construction.
- **Quick Release:** Facilitates easy and rapid adjustment of seatpost height without tools.
- **Hollow Design:** Contributes to a lightweight profile, approximately 39g for the 34.9mm clamp.
- **Corrosion Resistance:** Anodized surface in various colors (Black, Blue, Gold, Red, Silver) for colorfastness and enhanced anti-corrosion properties.
- **Compatibility:** Available in 28.6mm, 31.8mm, and 34.9mm sizes to fit various frame seat tube outer diameters.

3. How to Choose the Right Size

Selecting the correct seat post clamp size is critical for proper function and safety. The clamp size should match the outer diameter (O.D.) of your bicycle's frame seat tube, not the seat post itself. Always measure the actual seat tube O.D. of your frame.



Figure 2: Measuring the outer diameter of the frame seat tube using digital calipers.

Measurement Methods:

1. **Method 1: Check Existing Seatpost:** Some seatposts have the diameter marked. Verify this against the frame's outer diameter.
2. **Method 2: String Measurement:** Use a string or similar item to wrap around the seatpost and measure its circumference. Divide the circumference by 3.14 (Pi) to get the diameter.
3. **Method 3: Measure Inner Diameter of Bicycle Interface:** Measure the inner diameter of the bicycle's seat tube interface.
4. **Method 4: Caliper Measurement:** Use a caliper to directly measure the outer diameter of the frame's seat tube. This is the most accurate method.

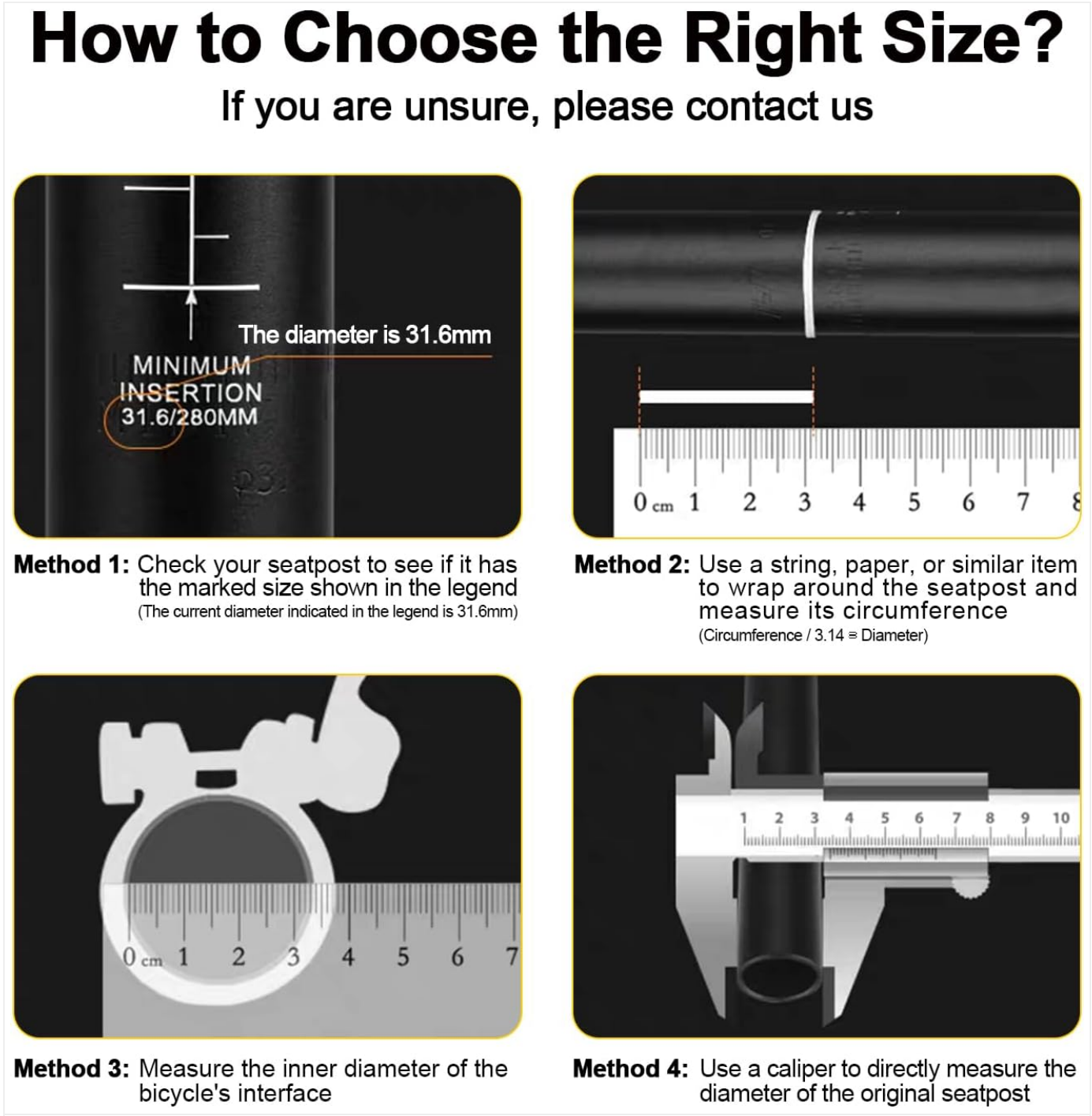


Figure 3: Visual guide to various methods for determining the correct clamp size.

Size Compatibility Chart:

Frame Seat Tube O.D.	Recommended Clamp Size
27.8mm - 28.8mm	28.6mm
30.2mm - 32.1mm	31.8mm
33.5mm - 35.2mm	34.9mm

Note: The seatpost diameter is typically smaller than the clamp size. For example, a 27.2mm seatpost often requires a 31.8mm clamp. Always measure the frame's outer diameter.

4. Installation Guide

Follow these steps to correctly install your PLATT Quick Release Seat Post Clamp:

1. **Prepare the Seat Tube:** Ensure the bicycle's seat tube is clean and free of debris.
2. **Remove Old Clamp (if applicable):** If replacing an existing clamp, loosen its bolt and remove it along with the seatpost.
3. **Install New Clamp:**
    - Loosen the nut on the quick-release lever of the new PLATT clamp.
    - Slide the clamp onto the seat tube. Ensure the lip of the clamp is facing upwards and is flush with the top of the seat tube.
4. **Insert Seatpost:** Insert your bicycle's seatpost into the frame's seat tube through the newly installed clamp. Adjust the seatpost to your desired height.
5. **Secure the Clamp:**
    - Tighten the nut on the quick-release lever by hand until it feels snug.
    - Close the quick-release lever. It should require firm pressure to close, indicating sufficient clamping force. If it closes too easily, open the lever, tighten the nut slightly more, and try again. If it's too hard to close, loosen the nut slightly.
6. **Verify Security:** Attempt to twist or move the seatpost. It should be firmly held in place without any movement.

Installation Video:



Video 1: Demonstrates how to measure the seat tube O.D. and install the PLATT Quick Release Seat Post Clamp. This video helps ensure correct size selection and proper installation for secure seatpost adjustment.



Video 2: Shows the quick release seat post clamp in various colors and demonstrates its easy installation and adjustment on a bicycle frame.

5. Operation

The PLATT Quick Release Seat Post Clamp allows for quick and easy seat height adjustments without the need for tools.

1. **To Adjust Height:** Open the quick-release lever.
2. **Reposition Seatpost:** Move the seatpost up or down to the desired height. Ensure the minimum insertion mark on the seatpost remains inside the frame.
3. **Secure Seatpost:** Close the quick-release lever firmly to lock the seatpost in place.
4. **Check Tightness:** After closing the lever, ensure the seatpost is securely held and does not rotate or slide. If it moves, open the lever, tighten the adjustment nut slightly, and re-close the lever.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your seat post clamp.

- **Cleaning:** Periodically wipe down the clamp with a clean cloth to remove dirt and grime.
- **Lubrication:** Apply a small amount of grease to the quick-release mechanism's pivot point and the threads of the adjustment nut to ensure smooth operation and prevent corrosion.
- **Inspection:** Regularly inspect the clamp for any signs of wear, cracks, or damage. Ensure the quick-release lever operates smoothly and provides adequate clamping force.
- **Tightness Check:** Before each ride, quickly check that the seatpost is securely clamped and does not slip.

7. Troubleshooting

Problem	Possible Cause	Solution
Seatpost slips down or rotates.	Clamp not tight enough; incorrect clamp size.	Open quick-release lever, tighten adjustment nut slightly, then re-close firmly. Ensure correct clamp size for your frame's seat tube O.D. (refer to Section 3).
Quick-release lever is too hard to close.	Clamp is overtightened.	Open quick-release lever, loosen adjustment nut slightly, then re-close. Adjust until firm but manageable pressure is required.
Clamp feels stiff or gritty.	Lack of lubrication; dirt accumulation.	Clean the mechanism and apply a small amount of grease to the pivot and threads.

8. Product Specifications

Attribute	Detail
Brand	PLATT
Model Number	SP035
Material	Aluminum Alloy
Available Sizes (Inner Diameter)	28.6mm, 31.8mm, 34.9mm
Weight (approx. for 34.9mm)	39g (1.41 ounces)
Colors	Black, Blue, Gold, Red, Silver
UPC	769135257238, 769135725607

9. Warranty and Support

For warranty information or product support, please refer to the retailer's return policy or contact PLATT customer service directly. Keep your purchase receipt for any warranty claims.
PLATT USA was established in 2018 and specializes in bicycle accessories. For more information, visit the official PLATT store or contact their support channels.

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