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› CyclingDeal Road Mountain Bike Bicycle Wheel Hub Quick Release Skewers Axles Set Instruction Manual

CyclingDeal QR279-FR

CyclingDeal Bicycle Wheel Hub Quick Release Skewers Axles Set Instruction Manual

Model: QR279-FR

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your CyclingDeal Road Mountain Bike Bicycle Wheel Hub Quick Release Skewers Axles Set. This set includes a front skewer (9mm x 135mm) and a rear skewer (10mm x 170mm), designed for quick and tool-free wheel removal and installation.

PRODUCT OVERVIEW

The CyclingDeal Quick Release Skewers are constructed from heat-treated Cromoly alloy, ensuring durability and strength. The set includes two skewers, one for the front wheel and one for the rear wheel, each featuring a quick-release lever mechanism.



Figure 1: The CyclingDeal Quick Release Skewers set, showing both front and rear skewers with their quick-release levers.

The front skewer measures 9mm in diameter and 135mm in length, while the rear skewer measures 10mm in diameter and 170mm in length. These dimensions are critical for proper fit with your bicycle's hub and frame.



Figure 2: Detailed dimensions of the front (9mm x 135mm) and rear (10mm x 170mm) quick release skewers.

SETUP AND INSTALLATION

Proper installation of the quick release skewers is essential for safety and performance. Follow these steps carefully:

1. **Identify Skewers:** Distinguish between the front (shorter, 9mm diameter) and rear (longer, 10mm diameter) skewers.
2. **Prepare Wheel:** Ensure your bicycle wheel is correctly aligned with the dropouts on your bike frame/fork.
3. **Insert Skewer:** Insert the appropriate skewer through the hollow axle of the wheel hub. The quick-release lever should be on one side, and the adjustable nut on the other.
4. **Position Wheel:** Place the wheel into the bicycle's dropouts. Ensure the wheel is centered and fully seated.
5. **Adjust Nut:** With the quick-release lever in the OPEN position, tighten the adjustable nut on the opposite side until it makes contact with the dropout.
6. **Close Lever:** Flip the quick-release lever to the CLOSED position. This action should require significant force, indicating proper tension. If it closes too easily, open the lever, tighten the nut slightly, and try again. If it's too difficult to close, loosen the nut slightly.
7. **Verify Security:** After closing the lever, attempt to pull the wheel out of the dropouts. The wheel should be firmly secured and not move.



Figure 3: Quick release skewers properly installed through a bicycle wheel hub.



Figure 4: Close-up view of the quick release skewer's adjustable nut and end cap.

OPERATION

The quick release mechanism allows for rapid wheel removal and installation without tools. To remove a wheel, simply open the quick-release lever. To install, follow the steps outlined in the "Setup and Installation" section, ensuring the lever is securely closed.

MAINTENANCE

To ensure the longevity and smooth operation of your quick release skewers, consider the following maintenance tips:

- **Lubrication:** Apply a small amount of grease to the skewer threads and the cam mechanism of the quick-release lever periodically. This helps prevent rust and ensures smooth operation.
- **Cleaning:** Keep the skewers clean from dirt and debris, especially around the lever and nut areas.

- **Inspection:** Regularly inspect the skewers for any signs of damage, bending, or wear. Replace immediately if any damage is observed.

TROUBLESHOOTING

- **Wheel Feels Loose:** If the wheel feels loose after closing the quick-release lever, open the lever, tighten the adjustable nut by a quarter to half turn, and re-close the lever. The lever should require firm pressure to close.
- **Lever Difficult to Close:** If the lever is excessively difficult to close, open it, loosen the adjustable nut slightly, and try again. Do not force the lever closed, as this can damage the skewer or the bicycle components.
- **Incorrect Fit:** Ensure you are using the correct skewer for the front (9mm x 135mm) and rear (10mm x 170mm) wheels. Using an incorrect size may result in an improper or unsafe fit.

SPECIFICATIONS

Feature	Detail
Brand	CyclingDeal
Model Number	QR279-FR
Front Axle Dimensions	9mm x 135mm
Rear Axle Dimensions	10mm x 170mm
Material	Heat-treated Cromoly alloy
Front Weight	0.08kg (0.15lbs)
Rear Weight	0.12kg (0.25lbs)
Package Dimensions	8.66 x 3.82 x 0.94 inches
Manufacturer	CyclingDeal
Country of Origin	Taiwan

WARRANTY AND SUPPORT

CyclingDeal provides a lifetime warranty for this product, reflecting confidence in its quality and durability. For any support inquiries or warranty claims, please contact CyclingDeal directly through their official channels or visit their Amazon Brand Store for more information.

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