SHIMANO MT200B

SHIMANO FH-MT200-B Bicycle Quick Release Instruction Manual

Model: MT200B

Introduction

This manual provides comprehensive instructions for the SHIMANO FH-MT200-B Bicycle Quick Release. This component is engineered for secure wheel attachment and effortless removal on bicycles, specifically designed for rear hubs with 141mm OLD (Over Locknut Dimension) spacing. Adherence to these instructions ensures proper function and safety.

Safety Information

- Always ensure the quick release is properly tightened before riding. An improperly secured wheel can lead to serious injury.
- Regularly inspect the quick release for any signs of wear, damage, or corrosion. Replace if necessary.
- Do not modify the quick release mechanism. Use only genuine SHIMANO replacement parts.
- If you are unsure about any installation or adjustment procedure, consult a professional bicycle mechanic.

Package Contents

Verify that all components are present in the package:

- 1 x SHIMANO FH-MT200-B Rear Quick Release Skewer (176mm)

Installation Instructions

Follow these steps to correctly install the quick release skewer:

1. **Prepare the Wheel:** Ensure the bicycle wheel is clean and free of debris. The quick release is designed for rear wheels with 141mm OLD hubs.
2. **Disassemble the Quick Release:** Unscrew the acorn nut from one end of the quick release skewer. Remove one of the conical springs, ensuring the narrow end of the spring faces the wheel hub.

3. **Insert the Skewer:** Insert the quick release skewer through the hollow axle of the wheel hub from the non-drive side (the side opposite the gears).
4. **Reassemble the Spring and Nut:** Place the second conical spring onto the skewer on the drive side, again ensuring the narrow end faces the wheel hub. Thread the acorn nut onto the skewer.
5. **Position the Wheel:** Place the wheel into the bicycle's rear dropouts, ensuring the axle sits fully and evenly in the slots.
6. **Adjust Tension:** With the quick release lever in the OPEN position, tighten the acorn nut until it makes contact with the dropout. Then, close the quick release lever. The lever should require firm pressure to close, leaving an imprint on your palm. If it closes too easily or too hard, adjust the acorn nut accordingly.
7. **Verify Security:** After closing the lever, ensure the wheel is firmly seated and cannot be pulled out of the dropouts. The lever should point towards the rear of the bicycle, parallel to the chainstay, or upwards, to prevent accidental opening.



Image: SHIMANO FH-MT200-B Quick Release Skewer. This image shows the complete quick release skewer with its lever, shaft, springs, and acorn nut, ready for installation.

Operating the Quick Release

The quick release mechanism allows for rapid wheel removal and installation:

- **To Open:** Pull the quick release lever away from the bicycle frame until it is fully open. This releases the clamping force.
- **To Close:** Push the quick release lever towards the bicycle frame until it is fully closed and locked. Ensure the lever is oriented safely, not protruding where it could snag.

Maintenance

Proper maintenance extends the life and ensures the safety of your quick release:

- **Cleaning:** Periodically clean the quick release skewer and springs with a damp cloth to remove dirt and grime.
- **Lubrication:** Apply a thin layer of light grease or bicycle-specific lubricant to the skewer shaft and the cam mechanism of the lever once a year, or more frequently if riding in wet or dusty conditions. This ensures smooth operation and prevents corrosion.
- **Inspection:** Regularly check the quick release for any bends, cracks, or excessive wear on the lever, shaft, or springs. Ensure the acorn nut threads are not stripped.

Troubleshooting

- **Wheel Feels Loose After Closing Lever:** The acorn nut is not tightened enough. Open the lever, tighten the acorn nut by a quarter turn, then re-close the lever. Repeat until firm pressure is required to close the lever.
- **Lever is Too Hard to Close:** The acorn nut is overtightened. Open the lever, loosen the acorn nut by a quarter turn, then re-close the lever. Repeat until firm but manageable pressure is required.
- **Squeaking or Grinding Noise:** The quick release may need cleaning and lubrication. Refer to the Maintenance section.
- **Visible Damage:** If any part of the quick release is bent, cracked, or severely corroded, replace the entire quick release skewer immediately. Do not attempt to repair damaged components.

Specifications

Feature	Specification
Model Name	MT200B
Part Number	Shimano-QR9006
Skewer Length	176 MM
Compatibility	141mm OLD Rear Hubs
Material	Aluminum (Lever), Steel (Skewer)
Color	Black
Item Weight	5.28 ounces

Warranty Information

This SHIMANO product is covered by a Limited Warranty. For specific details regarding warranty coverage, duration, and claims procedures, please refer to the official SHIMANO warranty documentation provided with your purchase or visit the official SHIMANO website.

Support

For further assistance, technical support, or inquiries regarding your SHIMANO FH-MT200-B Quick Release, please contact SHIMANO customer service or visit the official SHIMANO website. You may also consult your local authorized SHIMANO dealer for professional advice and service.

SHIMANO Official Website: bike.shimano.com

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