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> Shimano Cues RD-U4000/U4020 GS Type Direct Mount Rear Derailleur 9-Speed Instruction Manual

## SHIMANO RD-U4000/U4020 GS Type

# Shimano Cues RD-U4000/U4020 GS Type Direct Mount Rear Derailleur 9-Speed Instruction Manual

Model: RD-U4000/U4020 GS Type

## INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of your Shimano Cues RD-U4000/U4020 GS Type Direct Mount Rear Derailleur. Please read this manual thoroughly before use to ensure safe and correct handling of the product.



*Image: Shimano Cues RD-U4000/U4020 GS Type Direct Mount Rear Derailleur, showing its overall black aluminum construction and pulley wheels.*

## SAFETY INFORMATION

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Always wear appropriate safety gear when working on your bicycle. Ensure all components are securely fastened and correctly adjusted before riding. Incorrect installation or adjustment can lead to serious injury.

- Read all instructions carefully.
- Use only genuine Shimano parts and recommended tools.
- Regularly inspect the derailleur for wear or damage.

## SETUP AND INSTALLATION

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This section outlines the steps for installing the Shimano Cues RD-U4000/U4020 GS Type Direct Mount Rear Derailleur.

### 1. Mounting the Derailleur:

Attach the direct mount derailleur to the frame's derailleur hanger. Ensure the B-tension adjustment screw makes

proper contact with the hanger tab. Tighten the mounting bolt to the specified torque (refer to Shimano technical documents for exact torque specifications).

## 2. Cable Installation:

Route the shift cable through the frame and into the derailleur's cable fixing bolt. Pull the cable taut and secure it with the fixing bolt. Do not overtighten.

## 3. Limit Screw Adjustment:

Adjust the high (H) and low (L) limit screws to prevent the chain from shifting beyond the smallest and largest cogs, respectively. The H-screw limits outward movement, and the L-screw limits inward movement.

## 4. B-Tension Adjustment:

With the chain on the largest cog, adjust the B-tension screw to ensure proper clearance between the upper guide pulley and the cogs. There should be a small gap to allow smooth shifting.

## 5. Indexing Adjustment:

Shift through all gears, making fine adjustments with the barrel adjuster on the shifter or derailleur until shifting is smooth and precise across all 9 speeds.

## OPERATING INSTRUCTIONS

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The Shimano Cues RD-U4000/U4020 GS Type Rear Derailleur is designed for smooth and reliable 9-speed shifting. Operate the shifter levers to move the chain between different cogs on the cassette.

- Shift proactively, anticipating terrain changes.
- Avoid shifting under heavy pedaling load to prevent excessive wear and potential chain drops.
- Ensure the chain is properly lubricated for optimal performance.

## MAINTENANCE

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Regular maintenance will extend the life and performance of your derailleur.

- **Cleaning:** Periodically clean the derailleur body and pulley wheels to remove dirt and grime. Use a mild degreaser and a brush, then rinse thoroughly.
- **Lubrication:** Apply a small amount of bicycle-specific lubricant to the pivot points of the derailleur and the pulley wheel bearings. Avoid over-lubrication, which can attract dirt.
- **Inspection:** Regularly check for bent hanger, worn pulley wheels, loose bolts, or any signs of damage. Replace worn parts promptly.
- **Cable Check:** Inspect the shift cable and housing for fraying, kinks, or corrosion. Replace if necessary to maintain smooth shifting.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Difficulty shifting gears	Incorrect cable tension, bent derailleur hanger, worn cable/housing, dirty derailleur.	Adjust barrel adjuster, check/straighten hanger, replace cable/housing, clean derailleur.
Chain drops off cogs	Limit screws incorrectly set, bent derailleur hanger.	Adjust H/L limit screws, check/straighten hanger.

Problem	Possible Cause	Solution
Noisy shifting	Lack of lubrication, dirty components, incorrect B-tension.	Lubricate chain and pivots, clean derailleur, adjust B-tension.

## SPECIFICATIONS

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- **Brand:** SHIMANO
- **Model:** RD-U4000/U4020 GS Type
- **Speeds:** 9-Speed
- **Mounting Type:** Direct Mount
- **Material:** Aluminum
- **Item Weight:** 0.2 Kilograms (approx.)
- **Manufacturer Part Number:** ERDU4000GS

## WARRANTY INFORMATION

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This Shimano product comes with a **2 Year Manufacturer Warranty**. For warranty claims or detailed terms and conditions, please refer to the official Shimano website or contact your authorized dealer. Keep your proof of purchase for warranty validation.

## SUPPORT

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For further assistance, technical support, or to locate an authorized service center, please visit the official Shimano website or contact their customer service department. Always refer to the latest technical service instructions available from Shimano for the most up-to-date information.

*Official Shimano Website:* [bike.shimano.com](https://bike.shimano.com)