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> SHIMANO CUES RD-U6000/U6020 LINKGLIDE REAR DERAILLEUR INSTRUCTION MANUAL

SHIMANO ERDU602010SGS

SHIMANO CUES RD-U6000/U6020 LINKGLIDE REAR DERAILLEUR INSTRUCTION MANUAL

Model: ERDU602010SGS

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your SHIMANO CUES RD-U6000/U6020 LINKGLIDE Direct Mount Rear Derailleur. This component is designed for 11-speed bicycle drivetrains, offering precise and durable shifting performance. Please read this manual thoroughly before use to ensure safe and optimal performance.



Image: The Shimano Cues RD-U6000/U6020 Linkglide Direct Mount Rear Derailleur. This image displays the full derailleur unit, including the main body, pulley cage, and mounting mechanism.

2. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your derailleur. If you are unsure about any step, it is recommended to consult a professional bicycle mechanic.

2.1 Tools Required

- Hex wrenches (various sizes, typically 4mm, 5mm)
- Cable cutters
- Cable crimps
- Torque wrench (recommended for precise tightening)
- Bicycle grease

2.2 Mounting the Derailleur

1. Ensure your bicycle frame has a direct mount derailleur hanger.
2. Apply a thin layer of grease to the derailleur hanger threads.
3. Align the derailleur with the hanger and thread the mounting bolt.
4. Tighten the mounting bolt to the manufacturer's specified torque (refer to your bicycle frame or derailleur technical documentation for exact torque values).

2.3 Cable Installation and Adjustment

1. Route the shift cable from the shifter through the frame and into the derailleur's cable fixing bolt.
2. Pull the cable taut and secure it with the fixing bolt. Do not overtighten.
3. Adjust the high (H) and low (L) limit screws to prevent the chain from shifting beyond the smallest and largest cogs, respectively.
4. Perform initial B-tension adjustment to ensure proper clearance between the upper pulley and the cassette cogs.
5. Fine-tune shifting by using the barrel adjuster on the shifter or derailleur.

3. OPERATING INSTRUCTIONS

The SHIMANO CUES LINKGLIDE derailleur is designed for smooth and reliable shifting across your 11-speed cassette.

3.1 Shifting Gears

- To shift to a larger cog (easier gear), press the main lever of your shifter.
- To shift to a smaller cog (harder gear), press the release lever of your shifter.
- Always pedal forward while shifting to ensure smooth chain movement.
- Avoid shifting under heavy load, as this can cause premature wear and poor shifting performance.

4. MAINTENANCE

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

4.1 Cleaning

- After each ride, especially in wet or dirty conditions, wipe down the derailleur and pulleys with a clean cloth.
- Use a degreaser specifically designed for bicycle components to remove stubborn grime from the pulleys and cage. Rinse thoroughly with water and dry.

4.2 Lubrication

- Apply a small amount of bicycle chain lubricant to the pivot points of the derailleur and the pulley bearings periodically.
- Avoid over-lubrication, which can attract dirt. Wipe off any excess lubricant.

4.3 Periodic Checks

- Inspect the derailleur for any signs of damage, bends, or cracks.
- Check that all bolts are securely tightened.
- Ensure the derailleur hanger is straight and not bent. A bent hanger is a common cause of poor shifting.
- Verify that the shift cable moves freely and is not frayed.

5. TROUBLESHOOTING

Common issues and their potential solutions.

5.1 Poor Shifting Performance

- **Symptom:** Chain skips gears or shifts slowly.
 - **Solution:** Adjust cable tension using the barrel adjuster. Turn clockwise to loosen tension (shift down), counter-clockwise to tighten tension (shift up).
 - **Solution:** Check limit screws (H and L) for proper adjustment.
 - **Solution:** Inspect derailleur hanger for bends. Replace or straighten if necessary.
 - **Solution:** Ensure chain and cassette are clean and lubricated.
- **Symptom:** Derailleur makes noise or rubs.
 - **Solution:** Check B-tension adjustment.
 - **Solution:** Verify chain length is correct.
 - **Solution:** Clean and lubricate pulleys.

5.2 Chain Drops Off Cassette

- **Symptom:** Chain drops off the smallest cog.
 - **Solution:** Adjust the H (High) limit screw. Turn clockwise in small increments until the chain no longer drops.
- **Symptom:** Chain drops off the largest cog.
 - **Solution:** Adjust the L (Low) limit screw. Turn clockwise in small increments until the chain no longer drops.

6. SPECIFICATIONS

Feature	Detail
Brand	SHIMANO
Model Name	CUES RD-U6000/U6020 LINKGLIDE
Part Number	ERDU602010SGS
Mounting Type	Direct Mount (Braze-On Mount)
Number of Teeth (Pulley)	16T
Material	Aluminum, Alloy Steel
Item Weight	0.2 Kilograms
Package Weight	0.49 Kilograms
Item Dimensions (LxWxH)	3.94 x 3.94 x 3.94 inches
Package Dimensions (LxWxH)	7.72 x 4.92 x 3.82 inches

7. WARRANTY AND SUPPORT

7.1 Manufacturer's Warranty

This SHIMANO CUES Rear Derailleur comes with a **2 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accidents, misuse, neglect, or normal wear and tear. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, warranty claims, or further information, please contact SHIMANO customer support or visit the official SHIMANO website.

www.shimano.com

