

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [SHIMANO](#) /

› [SHIMANO CUES CS-LG300-9 Cassette Instruction Manual](#)

SHIMANO CS-LG300-9

SHIMANO CUES CS-LG300-9 Cassette Instruction Manual

Model: CS-LG300-9

INTRODUCTION

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your SHIMANO CUES CS-LG300-9 Cassette. The CS-LG300-9 is a 9-speed, LINKGLIDE-compatible cassette designed for e-bikes, offering enhanced durability and smooth shifting performance.

For optimal performance and safety, please read this manual thoroughly before using the product. Keep this manual for future reference.



Image of the SHIMANO CUES CS-LG300-9 Cassette, showcasing its black finish and cog design.

SETUP AND INSTALLATION

The SHIMANO CUES CS-LG300-9 Cassette is designed for use with LINKGLIDE shifting systems and HG 11-speed chains. Proper installation is crucial for safe and efficient operation.

Tools Required:

- Cassette lockring tool
- Chain whip
- Torque wrench (recommended)

Installation Steps:

1. Ensure your wheel's freehub body is compatible with a 9-speed cassette.
2. Clean the freehub body thoroughly before installation.

3. Slide the cassette cogs onto the freehub body, ensuring proper alignment with the splines. The smallest cog typically has a narrower spline to ensure correct orientation.
4. Install the cassette lockring and tighten it using a cassette lockring tool. Refer to SHIMANO's official documentation for the recommended torque specification (typically 30-50 Nm).
5. Verify that the cassette is securely seated and does not wobble.

Warning: Incorrect installation can lead to component damage, poor shifting performance, or serious injury. If you are unsure about any step, it is highly recommended to seek assistance from a qualified bicycle mechanic or consult the official SHIMANO dealer's manual for detailed instructions.

OPERATING INSTRUCTIONS

The CS-LG300-9 Cassette is engineered for smooth and reliable gear transitions, especially in high-torque e-bike environments.

Key Features for Operation:

- **LINKGLIDE Technology:** Provides smooth, two-way shifting with significantly reduced pedal shock, ensuring seamless gear changes whether shifting inward or outward. This technology also contributes to enhanced durability, offering up to three times the lifespan compared to traditional Hyperglide cassettes under high chain tension conditions.
- **Wide Gear Range:** The 11-46t gear range provides versatile gearing options, allowing you to conquer steep climbs and accelerate efficiently on flat terrains.
- **Optimized Shifting Gate Design:** Guarantees precise gear engagement, enhancing rider confidence and control across various incline levels.

Always shift gears smoothly and avoid excessive force. Anticipate terrain changes to shift proactively, reducing stress on the drivetrain components.

MAINTENANCE

Regular maintenance extends the lifespan and ensures optimal performance of your SHIMANO CUES CS-LG300-9 Cassette.

Recommended Maintenance Schedule:

- **After Every Ride (or regularly):** Clean the cassette cogs and chain to remove dirt, grime, and old lubricant. Use a degreaser specifically designed for bicycle drivetrains.
- **Regular Lubrication:** After cleaning, apply a suitable bicycle chain lubricant to your chain. Ensure the lubricant penetrates the chain links. Wipe off excess lubricant to prevent dirt accumulation.
- **Inspect for Wear:** Periodically check the cassette cogs for signs of wear (e.g., pointed or hooked teeth). Worn cogs can lead to poor shifting and premature chain wear.
- **Chain Wear Check:** A worn chain can accelerate cassette wear. Use a chain wear indicator tool to check your chain regularly and replace it when necessary.
- **Professional Inspection:** Have your bicycle drivetrain inspected by a qualified mechanic at least once a year, or more frequently if you ride often or in harsh conditions.

The robust steel cogs and LINKGLIDE technology of the CS-LG300-9 are designed for durability, but consistent cleaning and lubrication are still essential.

TROUBLESHOOTING

If you experience issues with your cassette, refer to the common problems and solutions below. For complex issues, consult a professional bicycle mechanic.

Common Issues and Solutions:

| Problem | Possible Cause | Solution |
|-------------------------------------|--|---|
| Poor or inconsistent shifting | <ul style="list-style-type: none">• Incorrect derailleur adjustment• Worn chain or cassette cogs• Dirty or improperly lubricated chain/cassette• Bent derailleur hanger | <ul style="list-style-type: none">• Adjust rear derailleur limit screws and B-tension.• Inspect and replace worn chain or cassette.• Clean and lubricate drivetrain components.• Check and straighten/replace derailleur hanger. |
| Cassette noise (creaking, grinding) | <ul style="list-style-type: none">• Loose cassette lockring• Dirty or dry cassette/chain• Worn components | <ul style="list-style-type: none">• Tighten cassette lockring to specified torque.• Clean and lubricate drivetrain.• Inspect for worn parts and replace as needed. |
| Chain skipping on cogs | <ul style="list-style-type: none">• Severely worn chain or cassette• Incorrect chain length• Poor derailleur adjustment | <ul style="list-style-type: none">• Replace worn chain and/or cassette.• Verify correct chain length for your drivetrain.• Adjust rear derailleur. |

If troubleshooting steps do not resolve the issue, or if you are uncomfortable performing repairs, consult a professional bicycle mechanic.

SPECIFICATIONS

- **Model Name:** CUES CS-LG300 LINKGLIDE Cassette
- **Part Number:** ECSLG3009146
- **Brand:** SHIMANO
- **Number of Speeds:** 9-Speed
- **Gear Range:** 11-46t
- **Compatibility:** SHIMANO LINKGLIDE shifting systems, HG 11-speed chains
- **Material:** Steel cogs
- **Color:** Black
- **Item Package Dimensions (L x W x H):** 8.46 x 7.48 x 2.48 inches
- **Package Weight:** 0.76 Kilograms

- **Item Dimensions (L x W x H):** 11 x 8 x 3 inches
- **Suggested Users:** Unisex-adult

WARRANTY INFORMATION

The SHIMANO CUES CS-LG300-9 Cassette comes with a Limited Warranty.

For detailed information regarding the terms, conditions, and duration of the warranty, please refer to the official SHIMANO warranty policy document provided with your purchase or visit the official SHIMANO website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your SHIMANO CUES CS-LG300-9 Cassette, please contact SHIMANO customer service or visit their official website.

You can find more information and support resources by visiting the [SHIMANO Store on Amazon](#) or the official SHIMANO global website.