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SHIMANO FC-M672 (Y1NW22000)

Shimano SLX FC-M672 22T Chainring Instruction Manual

Model: FC-M672 (Part No. Y1NW22000)

INTRODUCTION

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your Shimano SLX FC-M672 22-tooth inner chainring. Designed for 10-speed mountain bike drivetrains, this aluminum chainring is compatible with SLX M670, M675, M665, and M672 cranksets, featuring a 64 BCD. Adhering to these instructions will help ensure optimal performance and longevity of your component.



Image 1: Shimano SLX FC-M672 22T Chainring. This image displays the black aluminum chainring with its 22 teeth and multiple bolt holes for attachment to a crankset. The Shimano logo is visible on the inner ring.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your chainring. If you are unsure about any step, consult a professional bicycle mechanic.

Required Tools:

- Hex wrench set (typically 5mm or 6mm for chainring bolts)
- Torque wrench (recommended for precise tightening)
- Grease
- Chainring bolt tool (if applicable)

Installation Steps:

1. **Preparation:** Ensure your crankset is clean and free of debris. If replacing an old chainring, remove it carefully.
2. **Orientation:** Identify the correct orientation of the new 22T chainring. The markings (e.g., "SHIMANO", "22-AN") should face outwards, away from the bike frame.
3. **Alignment:** Align the bolt holes of the chainring with the bolt holes on the crankset's spider. The 22T

inner chainring typically mounts to the innermost set of bolt holes on a triple crankset.

4. **Apply Grease:** Apply a thin layer of grease to the threads of the chainring bolts before insertion. This prevents seizing and ensures accurate torque readings.
5. **Secure Bolts:** Insert the chainring bolts through the chainring and into the crankset. Hand-tighten all bolts initially.
6. **Torque Tighten:** Using a hex wrench and a torque wrench, tighten the chainring bolts gradually in a star pattern to the manufacturer's specified torque (typically 8-10 Nm). This ensures even pressure and prevents warping.
7. **Final Check:** Verify that the chainring is securely mounted and does not wobble. Rotate the crankset to ensure smooth rotation and no interference.

OPERATING INSTRUCTIONS

The Shimano SLX FC-M672 22T chainring is designed for use with 10-speed drivetrains. Its primary function is to provide a low gear ratio for climbing and challenging terrain when paired with larger chainrings and a compatible cassette.

- **Shifting:** Shift smoothly between chainrings using your front derailleur. Avoid shifting under heavy load to prevent excessive wear and potential chain drops.
- **Gear Selection:** Utilize the 22T chainring for steep ascents or when a very low gear is required.
- **Compatibility:** Ensure your front derailleur is properly adjusted for a 10-speed system and is compatible with the chainring sizes on your crankset for optimal shifting performance.

MAINTENANCE

Regular maintenance extends the life of your chainring and ensures consistent performance.

- **Cleaning:** After each ride, especially in dirty or wet conditions, clean the chainring teeth and surfaces. Use a degreaser and a brush to remove dirt, mud, and old lubricant. Rinse thoroughly and dry.
- **Inspection:** Periodically inspect the chainring teeth for wear. Worn teeth often appear hooked or pointed. Replace the chainring if significant wear is observed to prevent poor shifting and chain skipping.
- **Bolt Check:** Regularly check the chainring bolts for tightness. Loose bolts can lead to poor shifting, noise, or even component failure. Re-torque to specifications if necessary.
- **Chain Wear:** A worn chain can accelerate chainring wear. Replace your chain regularly based on wear indicators.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Poor Shifting / Chain Drops:**
 - Check front derailleur adjustment.
 - Inspect chainring for bent or excessively worn teeth.
 - Ensure chainring bolts are tightened to specification.
 - Verify chain wear; a stretched chain can cause shifting issues.
- **Noise (Creaking/Clicking):**

- Check chainring bolt tightness.
 - Ensure the chainring is clean and free of debris.
 - Inspect for cracks or damage to the chainring or crankset.
- **Chain Skipping:**
 - Indicates significant wear on chainring teeth or chain. Replace worn components.
 - Check rear cassette wear.

SPECIFICATIONS

Brand	SHIMANO
Model Name	SLX FC-M675/M672/M670/M665 (This specific product is FC-M672)
Part Number	Y1NW22000
Size	22T (22 Teeth)
Material	Aluminum
Color	Black
Compatibility	10-Speed Drivetrains, 64 BCD Cranksets (SLX M670, M675, M665, M672 series)
Item Package Dimensions	7.32 x 6.22 x 0.43 inches
Package Weight	0.06 Kilograms
Suggested Users	Unisex-Adult

WARRANTY INFORMATION

This Shimano product comes with a **Limited Warranty**. For specific details regarding the terms, conditions, and duration of the warranty, please refer to the official Shimano warranty documentation provided with your purchase or visit the official Shimano website. The warranty typically covers manufacturing defects but does not cover normal wear and tear, improper installation, or damage due to misuse or accidents.

SUPPORT AND CONTACT

For technical assistance, spare parts, or further inquiries regarding your Shimano SLX FC-M672 chainring, please contact Shimano customer support or consult an authorized Shimano dealer or professional bicycle mechanic.

You can typically find contact information and support resources on the official Shimano website: bike.shimano.com