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ergotec Climber Mas

ErgoTec Climber MAS Handlebar User Manual

Model: Climber MAS | Brand: ergotec

1. Introduction

This manual provides essential information for the safe installation, operation, and maintenance of your ErgoTec Climber MAS Handlebar. Please read it thoroughly before installation and keep it for future reference to ensure optimal performance and safety.

2. Safety Information

- Always wear appropriate safety gear when cycling.
- Ensure all components are correctly installed and tightened to the manufacturer's specifications. Refer to your stem and component manuals for specific torque values.
- Regularly inspect your bicycle, including the handlebar, for any signs of wear, damage, or loose components. Pay close attention to the clamping areas.
- If you are unsure about any installation or maintenance procedure, consult a qualified bicycle mechanic.
- This handlebar is designed for general cycling use and is E-bike ready according to ErgoTec's safety level chart (Level 4), indicating its suitability for the increased stresses of E-bike applications.

3. Package Contents

- 1 x ErgoTec Climber MAS Handlebar

4. Setup and Installation

Proper installation is crucial for safety and performance. Follow these steps carefully:

1. **Tools Required:** Gather appropriate Allen keys or torque wrenches that match the bolts on your bicycle stem and brake/shifter clamps.
2. **Remove Old Handlebar (if applicable):** If replacing an existing handlebar, carefully loosen the stem faceplate bolts and remove the old handlebar. Detach brake levers, shifters, and grips.

3. **Position the New Handlebar:** Place the ErgoTec Climber MAS Handlebar into the stem clamp. Ensure it is centered horizontally and rotated to your preferred ergonomic angle.
4. **Tighten Stem Bolts:** Gradually tighten the stem faceplate bolts in a cross pattern to the torque specifications provided by your stem manufacturer. *Do not overtighten*, as this can damage the handlebar or stem.
5. **Install Components:** Reinstall your grips, brake levers, and shifters onto the new handlebar. Adjust their positions for comfortable and safe operation, ensuring easy reach and proper braking. Tighten their clamps to manufacturer specifications.
6. **Final Check:** Before riding, ensure the handlebar is securely clamped, and all components are properly aligned and tightened. Test brakes and shifters for proper function and ensure no cables are pinched.



Image 1: The ErgoTec Climber MAS Handlebar. This image shows the silver-colored handlebar with its distinct ergonomic curve, designed for comfortable hand positions.

Note: The handlebar has a clamping diameter of 25.4 mm. Verify that your bicycle stem is compatible with this diameter before installation.

5. Operating

The ErgoTec Climber MAS Handlebar is designed to provide a comfortable and controlled riding experience. Its ergonomic design, including a 39° backsweep, promotes a natural wrist angle.

- **Grip Position:** Experiment with different hand positions on the handlebar to find what is most comfortable for various riding conditions, such as climbing, descending, or cruising.
- **Riding Posture:** Maintain a relaxed grip and a balanced posture while riding. Avoid leaning too heavily on the handlebar, which can lead to fatigue and reduced control.
- **E-bike Ready:** This handlebar is certified for use on E-bikes according to ErgoTec's Level 4 safety standards, ensuring durability and safety under the increased stresses and speeds often associated with E-bike use.

6. Maintenance

Regular maintenance will prolong the life of your handlebar and ensure safe operation:

- **Cleaning:** Clean the handlebar with a soft cloth and mild soap and water. Avoid abrasive cleaners, harsh chemicals, or solvents that could damage the finish or material.
- **Inspection:** Periodically inspect the handlebar for any signs of cracks, bends, deep scratches, or deformation, especially after any impact or fall. Check for corrosion, particularly around clamping areas.
- **Torque Check:** Regularly check the tightness of the stem bolts and component clamps (brakes, shifters) to ensure they are at the manufacturer's recommended torque settings. Loose components can compromise safety.
- **Grip Condition:** Ensure your grips are secure and not worn out. Replace worn or damaged grips to maintain good control and comfort.

7. Troubleshooting

- **Handlebar Slipping:** If the handlebar slips in the stem, ensure the stem bolts are tightened to the correct torque specification. Clean the clamping surfaces of both the handlebar and stem to remove any grease or dirt that might reduce friction.
- **Component Slipping:** If brake levers or shifters slip on the handlebar, ensure their clamps are tightened to the correct torque. Avoid overtightening.
- **Unusual Noises:** Creaking or clicking noises from the handlebar area often indicate loose components. Re-check all bolts (stem, brake, shifter) and ensure proper torque.
- **Discomfort:** If you experience discomfort, adjust the angle of the handlebar and the position of your brake levers and shifters. Ensure your stem length and angle are appropriate for your riding style and body geometry.

8. Specifications

Feature	Detail
Brand	ergotec
Model	Climber Mas
Material	Steel with aluminum percentage (MAS-Nb)
Handlebar Width	600 mm
Clamping Diameter	25.4 mm
Rise (Height)	40 mm
Backsweep	39°
Safety Level	Level 4 (E-bike ready according to ErgoTec safety chart)
Grip Length	175 mm
Wall Thickness	1.2 mm
Weight	300 g
Color	Silver effect
Product Model Number	03162963

9. Warranty and Support

For warranty information and customer support, please refer to the official ErgoTec website or contact your authorized dealer. Keep your proof of purchase for any warranty claims.

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