Aairsk GT900

Aairsk GT900 Electric Bike User Manual

Model: GT900 | Brand: Aairsk

Introduction

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Aairsk GT900 Electric Bike. The GT900 is a versatile electric mountain bicycle designed for adults, featuring a 750W peak motor, 13Ah/10Ah battery, 21-speed gears, and dual suspension, offering a maximum speed of 25 mph and a range of up to 40 miles on pedal assist mode.

Setup and Assembly

Your Aairsk GT900 electric bike comes approximately 90% pre-assembled. The following steps outline the final assembly process. For a visual guide, please refer to the installation video below.

Your browser does not support the video tag.

Video: Official installation guide for the Aairsk GT900 Electric Bike. This video demonstrates the step-by-step assembly process, including checking accessories, installing the front wheel, lights, handlebars, rear frame, and pedals.

1. **Unpacking and Accessory Check:** Carefully unpack all components and verify that all accessories are complete as per the packing list.
2. **Front Wheel Installation:** Attach the front wheel to the fork. Ensure the quick-release skewer is properly secured and tightened.
3. **Headlight Installation:** Mount the front headlight securely to the designated position on the fork.
4. **Handlebar Assembly:** Install the handlebar onto the stem. Adjust its position for comfortable riding and tighten all bolts securely.
5. **Rear Frame/Rack Installation:** If not already attached, install the rear frame or rack. Secure it firmly to the bike's frame.
6. **Pedal Installation:** Note that pedals are side-specific. The pedal marked 'R' (Right) is installed clockwise on the right crank arm, and the pedal marked 'L' (Left) is installed counter-clockwise on the left crank arm.



Image: The Aairsk GT900 Electric Bike, fully assembled and ready for use. This image showcases the bike's overall design, including its frame, wheels, and integrated components.

Operating Instructions

Powering On and Keyless Unlock

To unlock your e-bike, use the provided card key. Simply touch the card key to the LCD display. Touch it again to lock the bike.



Image: Close-up of the smart LCD display and the card key used for keyless unlocking. The display provides essential ride information.

Riding Modes

The GT900 offers three distinct riding modes to suit various preferences and terrains:

- **PAS (Pedal-Assist System) Mode:** This mode provides moderate power assistance as you pedal. It features adjustable levels (5 speed levels) to customize the assistance according to your needs, extending your range up to 40 miles.
- **Pure Electric Mode:** In this mode, the bike operates solely on electric power, allowing you to cruise without pedaling. The 21-speed gears provide flexibility to choose any desired power increment for smooth riding.
- **Pedal Mode:** This mode allows you to ride the GT900 like a classic bicycle, without any electric assistance. It's ideal for exercise or when the battery is depleted.



Image: A rider demonstrating the comfortable and safe operation of the Aairsk GT900, highlighting its three riding modes and dual suspension system.

Motor and Performance

The GT900 is equipped with a 400W rated power hub motor, capable of reaching a maximum speed of 25 mph. This motor provides strong and reliable power, enabling the bike to easily climb slopes up to 20 degrees.



Image: Detailed view of the 750W peak brushless motor, illustrating its internal components and power capabilities.

Maintenance

Battery Care

The Aairsk GT900 features a 36V 13Ah removable lithium-ion battery. For optimal performance and longevity:

- Charge the battery for 5-6 hours using the provided power adapter.
- The battery is equipped with a BMS (Battery Management System) providing 14 types of protection for enhanced safety and cycle life.
- You can easily remove the battery to charge it at home or in the office.



Image: Cross-section view of the removable 468Wh battery integrated into the bike frame, highlighting its capacity and intelligent safety features.

Brakes and Suspension

- **Dual Mechanical Disc Brakes:** Regularly inspect the dual mechanical disc brakes for wear and tear. Ensure they provide reliable stopping power in all weather conditions.
- **Adjustable Carbon Steel Front Fork:** The front fork features rebound and lock functions. Utilize these functions to adjust the suspension based on terrain, ensuring a smoother ride on both rough trails and city streets.



Image: Illustration of the dual suspension system, featuring both a suspension fork and a high-quality rear shock absorber, designed for enhanced riding comfort and stability across various terrains.

General Maintenance Tips

- Keep tires properly inflated to the recommended pressure.
- Regularly clean and lubricate the chain to ensure smooth gear changes and prevent rust.
- Check all bolts and fasteners periodically to ensure they are tight.
- Store the bike in a dry place, away from direct sunlight and extreme temperatures.

Troubleshooting

If you encounter any issues with your Aairsk GT900 Electric Bike, please refer to the following common troubleshooting tips:

- **Bike not powering on:** Ensure the battery is fully charged and properly seated in its compartment. Check all electrical connections for looseness.
- **Motor not assisting:** Verify that the PAS mode is activated and the pedal-assist level is set appropriately. Check for any error codes on the LCD display.

- **Brakes not effective:** Inspect brake pads for wear and replace if necessary. Check brake cables for proper tension and adjustment.
- **Unusual noises:** Inspect the chain, gears, and wheels for any obstructions or loose components. Lubricate moving parts as needed.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact Aairsk customer support.

Specifications

Feature	Specification
Bike Type	Electric Bike, Mountain Bike
Age Range (Description)	14+
Brand	Aairsk
Number of Speeds	21
Color	Cyan
Frame Material	Stainless Steel
Suspension Type	Dual
Special Feature	Dual Disc Brake
Included Components	Power Adapter, fender, tool set
Size	26inch
Brake Style	Disc
Item Weight	58.6 Pounds
Style	26 Inch Gt900
Model Name	GT900
Power Source	Electric Power
Wattage	400 watts
Lithium Battery Energy Content	468 Watt Hours
Manufacturer	Douma Technology (Huizhou) Co., Ltd
Item Package Dimensions L x W x H	56.3 x 31.5 x 8.5 inches
Package Weight	88 Pounds
Warranty Description	1 year



Image: Detailed diagram illustrating the dimensions, bicycle weight, recommended height, and maximum load capacity of the Aairsk GT900 Electric Bike.

Warranty and Support

Aairsk provides a **12-month manufacturer warranty** with free replacement parts and lifetime technical support for your GT900 Electric Bike. If you encounter any issues with your bike, please send an email with video or picture evidence to our customer support team.

Customer Support Email: support@aairsk.com

For returns, please retain the original packaging for at least one month.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How can I fix the display light on my Aairsk GT900 electric bike if it stays on constantly?

If the LCD display light on your Aairsk GT900 is constantly on, it may be due to the bike not being properly locked or a specific display setting. Please try the following steps:Check the...

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