Gugols GT20

Gugols GT20 Electric Bike User Manual

Model: GT20

1. Introduction

Welcome to the Gugols GT20 Electric Bike User Manual. This manual provides essential information for the safe assembly, operation, and maintenance of your new electric bike. Please read this manual thoroughly before your first ride and keep it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your GT20 E-Bike.



Image 1: Gugols GT20 Electric Bike

2. Safety Warnings

- Always wear a helmet and appropriate safety gear when riding.
- Ensure all bolts, nuts, and quick-release levers are securely tightened before each ride.
- Check tire pressure, brake function, and battery charge level before use.
- Familiarize yourself with local regulations regarding electric bike usage.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Do not modify the bike's electrical system or components.

3. Product Overview

The GugoIs GT20 is a robust electric bike designed for adults, featuring a powerful motor, long-lasting battery, and versatile riding modes. It is equipped with 20-inch fat tires for various terrains and a dual suspension system for a comfortable ride.

Key Features:

- **Motor:** 1000W high-speed brushless motor (peak 1500W) for speeds up to 32 MPH.
- **Battery:** Removable 48V 15.6Ah (748.8Wh) UL certified battery, offering 25-45 miles in pure electric mode.
- **Tires:** 20x4.0 inch all-terrain fat tires for enhanced grip and stability.
- **Gears:** Shimano 7-speed gear shifting system.
- **Suspension:** Dual suspension (front fork and mid-mounted shock absorption) for improved comfort.
- **Brakes:** Dual disc brakes for reliable stopping power.
- **Display:** Smart LCD display for tracking speed, battery life, and distance.
- **Lighting:** High-bright LED headlight and responsive taillight with reflective strips.



Image 2: 1000W High-Speed Brushless Motor



Image 3: Multiple Shock Absorption System

4. Components List

The GugoIs GT20 Electric Bike package includes the following components:

- GugoIs GT20 Electric Bike (90% pre-assembled)
- Charger
- Kickstand
- Riding Bag (with phone holder and storage box)
- Tool Kit
- User Manual (this document)

- Battery Keys

5. Assembly Instructions

Your Gugols GT20 Electric Bike comes 90% pre-assembled. The main tasks involve attaching the handlebars, front wheel, headlight, fenders, and pedals. A detailed assembly video is provided below for visual guidance.

Assembly Steps:

1. **Install the Handlebars:** Secure the handlebars to the stem using the provided tools. Adjust the vertical angle for comfortable riding.
2. **Install the Front Wheel:** Remove the protective rod from the front fork. Align the front wheel with the fork and insert the axle. Secure it tightly with the provided nuts and wrench.
3. **Install the Front Fender:** Attach the front fender above the front wheel using the screws.
4. **Install the Headlight:** Mount the headlight to the front fork. Connect the headlight cable, ensuring to align the small round hole with the slot before inserting.
5. **Install the Rear Fender (Seat Tail):** Attach the rear fender to the bike frame below the seat.
6. **Install the Pedals:** Distinguish between the left (L) and right (R) pedals. Tighten them in the direction indicated on the crank arm.
7. **Install Battery and Start Bike:** Insert the charged battery into its compartment and lock it with the key. Turn the key to the 'on' position and press the power button on the display to start the bike.

Assembly Video:

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Video 1: Unboxing and Assembly of Gugols GT20 Electric Bike. This video demonstrates the step-by-step process of unboxing and assembling the electric bike, including attaching the handlebars, front wheel, fenders, headlight, and pedals, and installing the battery.

6. Operating Instructions

6.1 Power On/Off

- To power on, insert the key into the battery lock, turn it to the 'on' position, and then press and hold the power button on the LCD display.
- To power off, press and hold the power button on the LCD display until it turns off, then turn the key to the 'off' position and remove it.

6.2 LCD Display and Controls

The smart LCD display provides real-time information and allows you to control various settings.

- **Speed:** Displays current speed (MPH).
- **Battery Life:** Indicates remaining battery charge.
- **Distance:** Tracks trip distance and total mileage.
- **Assist Level:** Adjust pedal assist levels (0-5) using the '+' and '-' buttons.



Image 4: 3+2 Riding Modes

6.3 Riding Modes

The GT20 offers multiple riding modes to suit your preference:

- **Pure Electric Mode:** Use the throttle for motor-only propulsion.
- **Electric Assist (PAS) Mode:** The motor provides assistance as you pedal. Adjust assist levels (1-5) for varying power.
- **Pedal Mode:** Ride the bike like a traditional bicycle without motor assistance.
- **Cruise Control:** Maintain a constant speed without holding the throttle (refer to display manual for activation).
- **Walk Assist:** Provides low-speed motor assistance for walking the bike.

6.4 Lights and Horn

- **Headlight:** Press the light button on the handlebar controls to turn the front LED headlight on or off.
- **Taillight/Brake Light:** The rear taillight illuminates when the headlight is on and brightens when brakes are applied.
- **Horn:** Press the horn button on the handlebar controls to activate the horn.



Image 5: Safety Lighting System

6.5 General Operation Video

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Video 2: Gugols 20in Dirt Ebike in Action. This video showcases the Gugols GT20 electric bike being ridden on various terrains, highlighting its features and performance.

7. Battery Information

The GugoIs GT20 is powered by a removable 48V 15.6Ah lithium-ion battery, providing reliable power for extended rides.



Image 6: Removable 48V 15.6Ah Battery

- **Charging:** The battery can be fully charged within 4-6 hours using the provided charger.
- **Range:** Expect a range of 25-45 miles in pure electric mode, depending on rider weight and road conditions.
- **Security:** The battery is lockable with keys to prevent theft. Each vehicle's key is unique.
- **Waterproof:** The battery is IPX5 waterproof.

8. Maintenance

Regular maintenance is crucial for the safety and longevity of your electric bike.

- **Pre-Ride Check:** Before each ride, inspect the tires for proper inflation and wear, check brake functionality, and ensure all fasteners (screws, bolts) are tight.

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Lubrication:** Periodically lubricate the chain and other moving parts as needed.
- **Battery Care:** Store the battery in a cool, dry place and charge it regularly, even if not in use, to maintain its health.
- **Professional Service:** For complex repairs or adjustments, consult a qualified bicycle technician.

9. Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not installed correctly or not charged; power button not pressed.	Ensure battery is fully charged and properly seated. Turn key to 'on' and press display power button.
Motor not assisting	PAS level set to 0; loose motor cable connection.	Increase PAS level on the display. Check motor cable connections.
Brakes feel weak	Worn brake pads; loose brake cables.	Inspect and replace brake pads if necessary. Adjust brake cable tension.
Unusual noises	Loose components; chain issues.	Check all bolts and nuts for tightness. Inspect and lubricate the chain.

10. Specifications

Feature	Specification
Bike Type	Electric Bike
Model Name	GT-20
Motor Power	1000W (Peak 1500W)
Max Speed	32 MPH
Battery	48V 15.6Ah (748.8 Wh)
Charging Time	4-6 hours
Max Range (Pure Electric)	25-45 Miles
Wheel Size	20 Inches (4.0 inch width)
Frame Material	High Carbon Steel
Suspension Type	Dual (Front Fork & Mid-mounted)
Number of Speeds	7 (Shimano)
Brake Style	Disc

Feature	Specification
Item Weight	88 Pounds
Load Capacity	330 lbs
Recommended Height	5.0-6.2 FT



Image 7: Gugols GT20 Dimensions and Specifications

11. Tips for Riding



Image 8: Tips for Riding Gugols GT-20

- **Before Riding:** For the first time, charge the battery for 3-6 hours and ensure the battery power supply is connected.
- **During Riding:** When riding, do not start directly in 3rd, 4th, or 5th gear. Start in 1st gear and then increase the gears in sequence. The speed change function should be used during riding.
- **After Riding:** For safety reasons, please check the screws regularly for looseness after riding on complex road conditions many times. Refer to the manual for the function keys of the display screen.

- **Warm Tips:** After receiving the package, please unpack one of the battery key and power key and keep it properly to prevent loss. The key of each vehicle is unique.

12. Warranty and Support

Gugols provides comprehensive support for your electric bike.

- **Warranty:** Your Gugols GT20 Electric Bike comes with a 1-year limited warranty.
- **Customer Support:** For any inquiries or assistance, please contact us via:
    - **Email:** ebike111@outlook.com
    - **WhatsApp:** Scan the QR code below or visithttps://wa.me/message/XYCDCAX5JOFXK1?src=qr



Image 9: Customer Support Information

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