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› Baicycle U05 Electric Bicycle User Manual

Baicycle U05 Electric Bicycle for Adults

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Model: U05 Electric Bicycle for Adults

1500W Peak Electric Bikes for Adults 20" Fat Tire E Bike with 70 Miles Max Range 28 MPH Electric Bicycle Step-Thru E-Bike with 48V Removable Battery Front Fork Suspension 7 Speed Commuter Ebikes Black

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Baicycle U05 Electric Bicycle. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your e-bike. Retain this manual for future reference.

2. SAFETY INFORMATION

Always prioritize safety when operating your electric bicycle. Failure to follow safety guidelines can result in serious injury or damage to the product.

- Always wear a certified helmet when riding.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and all connections.
- Adhere to local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions or on excessively rough terrain unless specifically designed for it.
- Ensure the battery is securely locked in place before riding.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. The package should include:

- Baicycle U05 Electric Bicycle (main frame, wheels, pre-assembled components)
- 48V 13Ah Removable Lithium-ion Battery
- Battery Charger

- Pedals
- Front Fender
- Headlight
- Tool Kit (wrenches, hex keys)
- User Manual



Image: The Baicycle U05 Electric Bicycle with its main components, including the frame, wheels, and integrated battery.

4. SETUP AND ASSEMBLY

Follow these steps to assemble your Baicycle U05 Electric Bicycle. It is recommended to have two people for unboxing and initial setup due to the bike's weight.

1. **Unboxing and Packaging Removal:** Carefully open the shipping box. Remove all protective foam and zip ties securing the bicycle components. Ensure all small parts are accounted for.
2. **Handlebar Installation:** Attach the handlebar to the stem using the provided hex keys. Ensure it is centered and tightened securely.
3. **Front Fender and Headlight Installation:** Install the front fender over the front wheel. Attach the headlight to the designated mounting point on the front fork and connect its wiring.
4. **Front Wheel Installation:** Carefully align the front wheel with the front fork. Ensure the disc brake rotor slides correctly into the brake caliper. Secure the wheel using the axle nuts and tighten them

firmly with the provided wrench.

5. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Thread them into the crank arms and tighten securely with a wrench.
6. **Front Basket Installation:** Mount the front basket to the designated attachment points on the front of the bike frame. Secure it with the provided screws and tools.
7. **Seat Adjustment:** Adjust the seat height to a comfortable and safe riding position. Ensure the quick-release lever is securely closed after adjustment.

Your browser does not support the video tag.

Video: Detailed installation guide for the Baicycle U05 Electric Bicycle, demonstrating each assembly step from unboxing to final checks.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the e-bike, ensure the battery is installed and the key is turned to the 'ON' position. Press and hold the power button on the LCD display until the screen illuminates. To power off, press and hold the power button again until the display turns off.

5.2 Smart LCD Color Display

The LCD display provides real-time information about your ride. It shows speed, battery level, mileage, current mode, and pedal assist level. Use the control buttons next to the display to navigate through different information screens and adjust settings.

SMART LCD DISPLAY

 Battery Indicator

 Speed

 Pas Level

 Mileage

 Mode

 Lights



Image: Close-up view of the smart LCD color display, showing various ride metrics and control buttons.

5.3 Riding Modes

The Baicycle U05 offers four distinct riding modes to suit various needs:

- **Pure Electric Mode:** Engages the motor fully, allowing you to ride without pedaling. Ideal for city commutes or when you need a break from pedaling.
- **Pedal Assist Mode:** Provides motor assistance as you pedal. You can adjust the level of assistance (five levels available) to extend battery life or provide extra power for hills.
- **Normal Bike Mode:** The motor is disengaged, and the bike operates like a traditional bicycle, relying solely on pedal power.
- **Push Bike Mode:** Provides low-speed motor assistance to help you walk the bike uphill or through difficult terrain without riding it.

4 WORKING MODES

LONG RANGE COMMUTER E-BIKE



Normal Bike
mode



Pure Electric
Mode



Pedal Assist
Mode



Assist Push
Mode



Image: Visual representation of the four working modes: Normal Bike, Pure Electric, Pedal Assist, and Assist Push Mode.

5.4 Gear Shifting

The e-bike features a professional 7-speed transmission system. Use the gear shifter on the handlebar to change gears according to terrain and desired speed. Smooth gear changes ensure efficient power transfer and a comfortable ride.

5.5 Braking System

The Baicycle U05 is equipped with 180mm dual-disc brakes for reliable stopping power. Apply both front and rear brakes simultaneously for balanced and effective deceleration. Avoid sudden, hard braking, especially at high speeds, to maintain control.

180MM LARGE DISC BRAKE ROTOR

Offers better braking performance,
improved heat dissipation, and increased stability



Image: Close-up view of the 180mm large disc brake rotor, highlighting its design for improved heat dissipation and stability.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your e-bike.

- **Battery Care:** Charge the 48V 13Ah lithium-ion battery regularly, even when not in use, to maintain its health. Avoid fully discharging the battery. Store the battery in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride. The 20" x 4.0" fat tires require specific pressure for optimal performance and comfort across diverse terrains. Refer to the tire sidewall for recommended PSI.
- **Brake Inspection:** Regularly inspect brake pads and rotors for wear. Ensure brake levers are responsive and provide adequate stopping power.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Suspension Check:** Periodically check the adjustable front suspension for proper function and adjust as needed for your riding conditions.

48V 13AH REMOVABLE LARGE CAPACITY BATTERY

UL2849 CERTIFIED



BMS
Power-Saving



Direct
Charging



Removable
Charging

40-70 Miles
Long Range

5-7 Hours
Charging Time

IPX5
Waterproof

Image: The 48V 13Ah removable lithium-ion battery, highlighting its IP54 waterproof rating and charging options.

20 X 4.0" FAT TIRE ADAPT TO ALL TERRAIN



20x4.0"

Image: The 20 x 4.0-inch fat tire, designed for adaptability across various terrains including snow, muddy paths, and city roads.

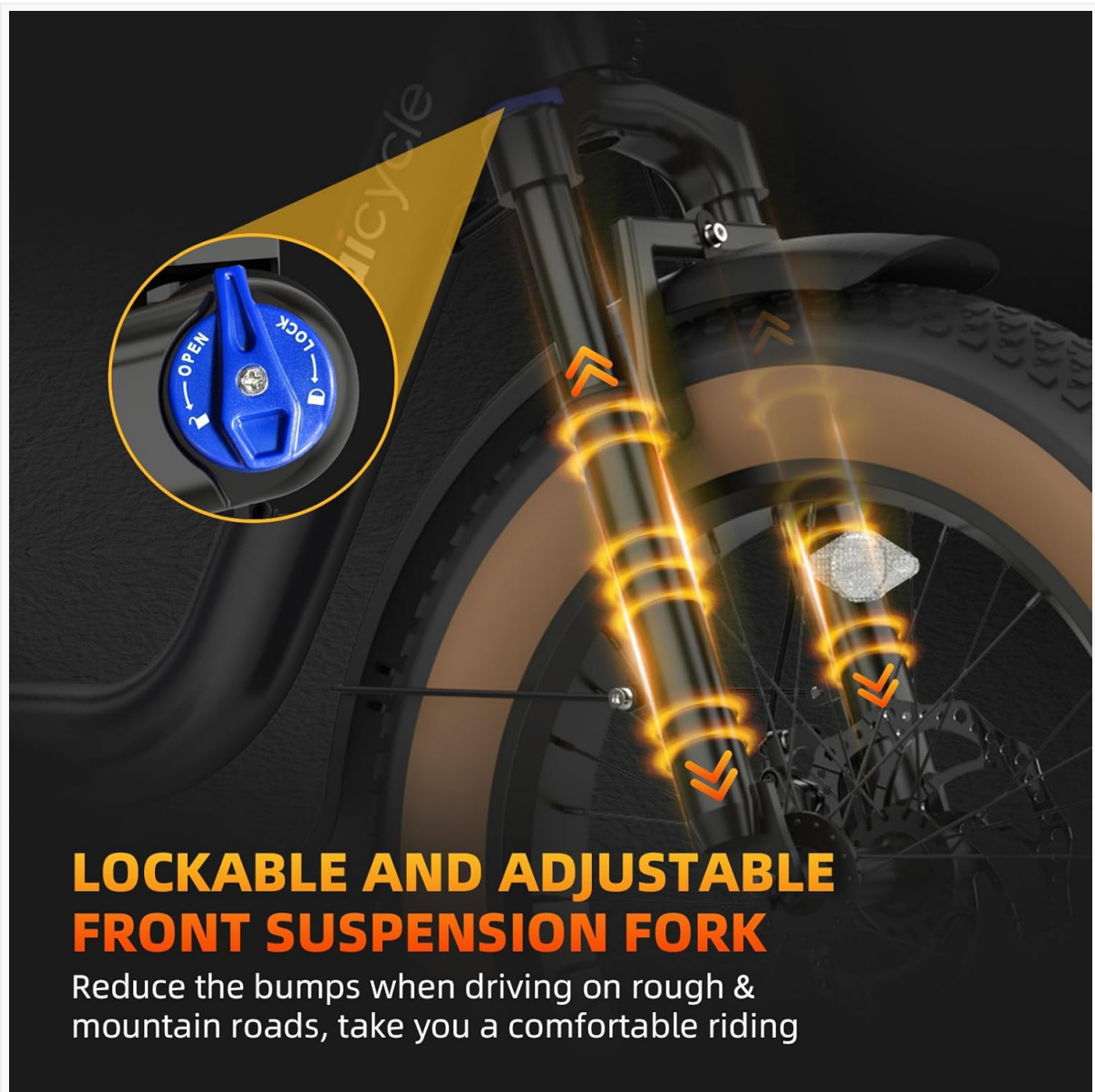


Image: The lockable and adjustable front suspension fork, which helps reduce bumps on rough and mountain roads for a comfortable ride.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Baicycle U05 Electric Bicycle.

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged or not properly installed; Power button not pressed correctly.	Ensure battery is charged and securely installed. Press and hold the power button firmly.
Motor not assisting	Battery low; Pedal assist level set to zero; Loose motor connection.	Charge battery; Increase pedal assist level on display; Check motor cable connections.
Brakes feel weak	Worn brake pads; Loose brake cables; Air in hydraulic system (if applicable).	Inspect and replace brake pads; Adjust brake cable tension; Consult a professional for hydraulic brake bleeding.
Unusual noises during ride	Loose components; Dry chain; Misaligned gears.	Check all bolts and connections; Lubricate chain; Adjust derailleur.

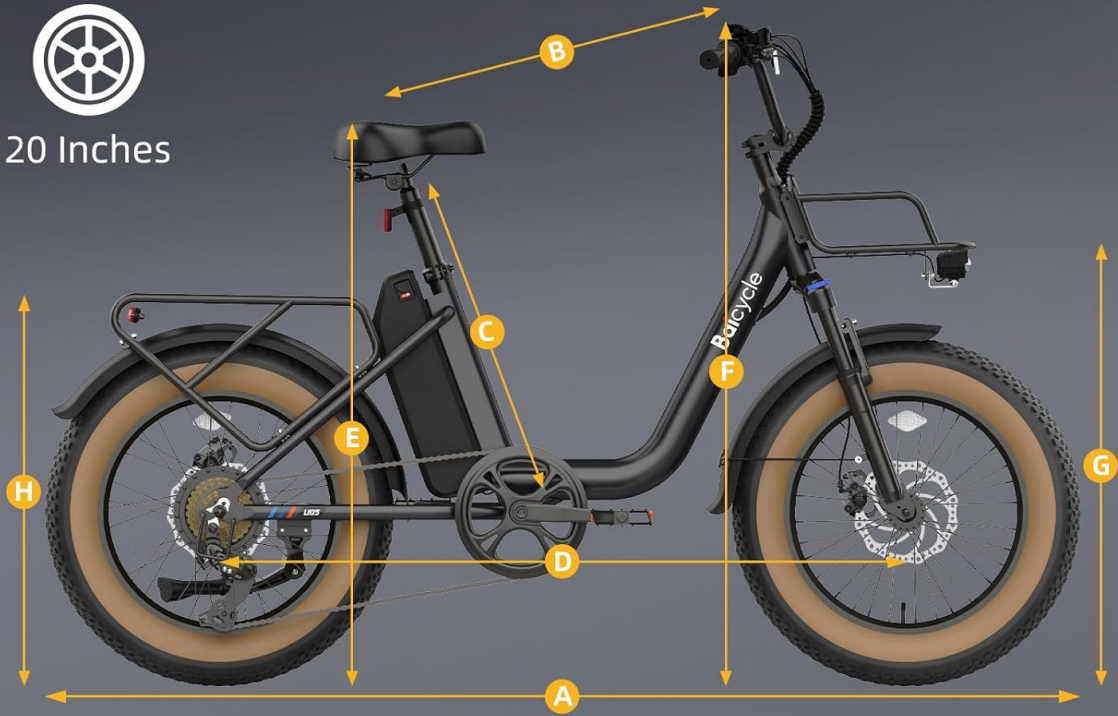
8. SPECIFICATIONS

Key technical specifications for the Baicycle U05 Electric Bicycle:

Feature	Specification
Bike Type	Electric Bike
Age Range	Adult
Brand	Baicycle
Number of Speeds	7
Color	Black
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	Front
Special Features	Adjustable Seat, Basket, Dual Disc Brake, Suspension
Included Components	Basket, Tool Kit
Item Weight	33 Kilograms (72.8 lbs)
Model Name	U05 Electric Bicycle for Adults
Wattage	750 watts (1500W Peak)
Lithium Battery Energy Content	624 Watt Hours (13Ah)
Maximum Weight Recommendation	265 Pounds
Max Speed	28 MPH
Max Range (Pedal Assist)	70 Miles
Max Range (Electric Mode)	40 Miles



20 Inches



A: Vehicle Length:	180cm / 70.8in
B: Seat to Handlebar:	62cm / 24.4in
C: Seat Tube Length:	29cm / 11.4in
D: Wheelbase:	116cm / 45.7in
E: Seat Height:	86~101cm / 33.8~39.7in
F: Handlebar Height:	114cm / 44.8in
G: Front Carrier Height	77cm / 30.3in
H: Rear Carrier Height	66cm / 26in



Recommended Height
5.41-6.23 ft



Bicycle Weight
33KG / 72.8LBS

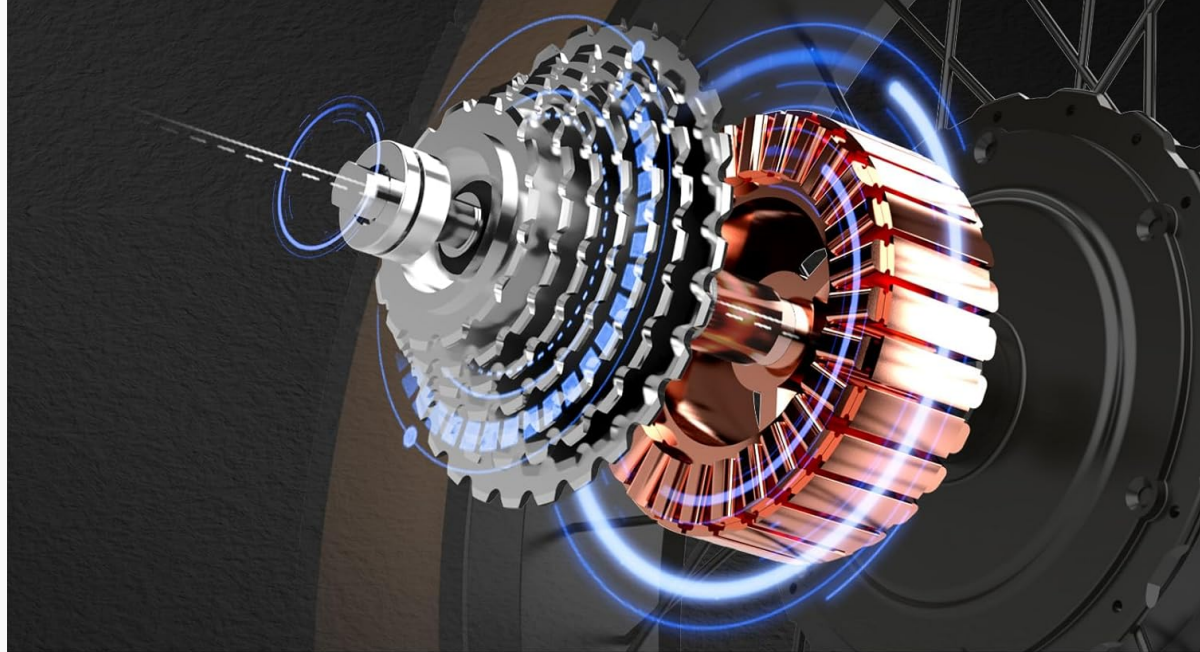


Load Capacity
MAX 120KG / 265 LBS

Image: Detailed dimensions of the Baicycle U05 Electric Bicycle, including vehicle length, seat height, handlebar height, and recommended user height (5.41-6.23 ft).

1500W PEAK **BRUSHLESS MOTOR**

RATED POWER 750W



85 N.M
Torque

28 MPH
Max Speed

30 %
Gradeability

Image: Illustration of the 1500W peak brushless motor (750W rated power), highlighting its 85 N.M torque, 28 MPH max speed, and 30% gradeability.

9. WARRANTY AND SUPPORT

The Baicycle U05 Electric Bicycle comes with a 1-year warranty. For any warranty claims, technical support, or inquiries, please contact Baicycle customer service through the official channels provided at the point of purchase or visit the Baicycle Store online.

For more information, visit the Baicycle Store.