



[Manuals.plus](#) /

› [EBycco](#) /

› EBycco EB7Pro Electric Bike Instruction Manual

EBycco EB7Pro

EBycco EB7Pro Electric Bike

INSTRUCTION MANUAL

1. Introduction

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your EBycco EB7Pro Electric Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your electric bicycle.



Figure 1: EBycco EB7Pro Electric Bike

2. Safety Guidelines

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. Perform a pre-ride inspection before each use, checking brakes, tires, battery level, and all connections.

- Always wear a certified helmet.
- Ensure all bolts and quick releases are securely tightened.
- Check tire pressure before each ride.
- Test brakes for proper function.
- Be aware of your surroundings and ride defensively.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in extreme weather conditions.

3. Product Overview and Components

The EBycco EB7Pro is an electric fat tire mountain bike designed for various terrains. Key components include:

- **Dual 1000W Brushless Motors:** Provides powerful acceleration and climbing capabilities.
- **48V 23Ah Removable Battery:** Offers extended range for long rides.
- **Full Suspension System:** Includes a lockable hydraulic suspension fork and a transverse rear suspension for enhanced comfort on rugged terrain.
- **Hydraulic Disc Brakes:** Ensures responsive and reliable stopping power.
- **26"x4.0 Fat Tires:** Provides superior grip and stability across diverse surfaces.
- **Shimano 7-Speed Gear System:** Allows for smooth gear changes to adapt to different riding conditions.
- **Intelligent Waterproof LCD Display:** Shows essential information like speed, pedal-assist level, battery life, and trip distance.
- **Integrated Lighting System:** Features a bright headlight and a rechargeable tail light for visibility.
- **Rear Rack:** For convenient cargo carrying.



Figure 2: Dual 1000W Brushless Motors

48V 23AH Removeable Battery

Pedal Assist
Single motor 87 miles
Dual motor 50 miles

Electric Throttle
Single motor 50 miles
Dual motor 30 miles

BMS
Power Saving



Figure 3: 48V 23AH Removable Battery



Figure 4: Full Suspension System



Figure 5: Dual Hydraulic Brake System




Figure 6: 26"x4.0 Fat Tires




Figure 7: Shimano 7-Speed Gear System

Full Suspension Mountain Bike

Full suspension mountain ebikes keep you in control and comfortable over rugged terrain.



The hydraulic front fork is made of aluminum and iron, which is more durable



Lockable



Rear hydraulic Shock Absorber

Figure 8: Handlebar Controls and LCD Display

Dual Hydraulic Brakes & Power-off Brake Levels

The hydraulic system minimizes maintenance needs, provides consistent braking performance in various conditions, and ensures improved safety in emergency braking situations.



Figure 9: Safety Lighting System



26*4.0 Fat Tires

This ebikes for adults 4" wide puncture-resistant fat tire can easily cross any terrain such as beaches, snow, gravel, rain, mud, sand and even ice, allowing you to fully enjoy the ride.






Snowy&Sand road City&Highway Road Gravel&Mud road Mountain&Hill roads

Figure 10: Rear Rack and Tail Light

4. Setup and Assembly

The EBycco EB7Pro electric bike arrives 85% pre-assembled. The following steps detail the final assembly process. For a visual guide, please refer to the installation video below.

Your browser does not support the video tag.

Video 1: EBycco Electric Bike EB7Pro Installation Guide. This video provides a step-by-step visual walkthrough of the

4.1. Handlebar Installation

1. Remove the four screws from the handlebar stem.
2. Place the handlebar onto the stem, ensuring proper alignment.
3. Tighten the four screws to secure the handlebar.
4. Tighten the screws to fix the position of the handlebar.

4.2. Front Wheel Installation

1. Remove the protective spacer from the front fork.
2. Remove the bolts from the front wheel axle.
3. Align the notch on the front wheel axle with the fork dropouts.
4. Tighten the screw bolts to secure the front wheel.
5. Connect the motor cable from the front wheel to the main bike harness.

4.3. Pedal Installation

Ensure you install the pedals correctly. The left pedal is marked with an 'L' and the right pedal with an 'R'.

1. Identify the 'L' and 'R' pedals.
2. Screw the left pedal (L) counter-clockwise into the left crank arm.
3. Screw the right pedal (R) clockwise into the right crank arm.
4. Tighten securely with a wrench.

4.4. Front Fenders and Headlights Installation

1. Attach the front fender to the front fork using the provided hardware.
2. Mount the headlight to the designated bracket on the front fork.
3. Connect the headlight cable to the main bike harness.

4.5. Battery Installation

1. Insert the 48V 23Ah battery into the frame's battery compartment.
2. Ensure the battery clicks securely into place.
3. Use the key to lock the battery to the frame for security.

4.6. Rear Rack Installation

1. Attach the rear rack support arms to the designated mounting points on the bike frame near the rear axle.
2. Secure the top of the rear rack to the seat post clamp area.
3. Tighten all bolts to ensure the rack is stable.

5. Operating Instructions

5.1. Starting the E-Bike

To start the E-bike, long press the 'M' button on the LCD display. The display will illuminate, indicating the bike is ready for operation.

5.2. Riding Modes

Your EBycco EB7Pro offers multiple riding modes to suit your preference and terrain:

- **Electric Throttle:** Provides power on demand without pedaling.
- **Pedal Assist (PAS):** Offers 5 different levels of motor assistance while you pedal.
- **Pedaling:** Ride the bike like a traditional bicycle with no motor assistance.
- **Cruise Mode:** Maintains a constant speed without continuous throttle input.
- **Walk Mode:** Provides low-speed assistance for walking the bike.



Figure 11: Six Riding Modes

5.3. Dual Motor Switching

The EBycco EB7Pro features a green button on the handlebar to switch between single-motor and dual-motor modes. Dual motor mode provides maximum power and climbing capability.

5.4. Lighting System

Activate the bright headlight for improved visibility during low-light conditions. The rechargeable tail light enhances your presence to others from behind.

Your browser does not support the video tag.

Video 2: EBycco 750W Fat Tire Ebike -EB7. This video demonstrates the bike's performance and features in various riding environments.

6. Maintenance

Regular maintenance is crucial for the longevity and performance of your EBycco EB7Pro.

6.1. Battery Care

- Charge the battery fully before the first use.
- Use only the provided charger.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place when not in use, and charge it periodically if stored for long periods.

6.2. Brake Maintenance

Regularly inspect the hydraulic disc brakes for wear and tear. Ensure brake fluid levels are adequate and brake pads are not excessively worn. If you notice any decrease in braking performance, consult a professional or contact customer support.

6.3. Tire Care

Maintain proper tire pressure as indicated on the tire sidewall. Regularly inspect tires for punctures, cuts, or excessive wear. Fat tires provide excellent traction but can be susceptible to punctures if not properly maintained.

6.4. General Cleaning and Inspection

Clean your bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components. Periodically check all bolts, nuts, and connections for tightness. Lubricate the chain as needed.

7. Troubleshooting

If you encounter any issues with your EBycco EB7Pro, please refer to the following common troubleshooting tips. For more complex problems, contact customer support.

| Problem | Possible Cause | Solution |
|----------------------|---|--|
| Bike not powering on | Battery not installed correctly, battery low, power cable loose | Ensure battery is fully seated and locked, charge battery, check all cable connections. |
| Motor not assisting | PAS level too low, throttle not engaged, motor cable disconnected | Increase PAS level, ensure throttle is fully engaged, check motor cable connection. |
| Brakes feel weak | Worn brake pads, air in hydraulic line, misaligned caliper | Inspect and replace brake pads, bleed hydraulic system (professional recommended), adjust caliper alignment. |
| Unusual noises | Loose components, chain issues, bearing wear | Inspect all bolts and nuts, check chain tension and lubrication, consult professional for bearing issues. |

8. Technical Specifications

| Feature | Specification |
|-----------------------|--|
| Bike Type | Electric Bike |
| Motor | Dual 1000W Brushless Motors (2000W total) |
| Battery | 48V 23Ah Lithium Battery (1104 Watt Hours) |
| Max Speed | Up to 35 MPH |
| Range (Throttle Mode) | 30 miles (dual motor) / 50 miles (single motor) |
| Range (PAS Mode) | 50 miles (dual motor) / 87 miles (single motor) |
| Wheel Size | 26 Inches (4.02 Inches Wheel Width) |
| Frame Material | 6061 Aluminum Alloy |
| Suspension Type | Dual (Hydraulic Front Fork & Transverse Rear Suspension) |
| Brake Style | Hydraulic Disc |
| Number of Speeds | 7-Speed Shimano Gears |

| Feature | Specification |
|-------------------------------|---------------------|
| Item Weight | 102 Pounds |
| Maximum Weight Recommendation | 200 Pounds |
| Dimensions (LxWxH) | 60 x 34 x 14 inches |



Figure 12: Product Dimensions and Load Capacity

9. Warranty and Customer Support

EBycco provides a 1-year manufacturer's warranty for the EB7Pro electric bike. For any questions, technical support, or warranty claims, please contact EBycco customer service.

Contact Information:

- Email: ebyccous@gmail.com
- Customer support is available Monday to Sunday, 10:00 AM - 11:00 PM PST.
- Expect a reply within 24 hours.

Please retain your original packaging for at least 30 days in case of returns or shipping issues. Do not return

the product without contacting customer support first to prevent package loss.