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› [ACTBEST Blaze 16" Fat Tire Electric Bike Instruction Manual](#)

## ACTBEST Blaze

# ACTBEST Blaze 16" Fat Tire Electric Bike Instruction Manual

Model: Blaze

## 1. PRODUCT OVERVIEW

The ACTBEST Blaze 16" Fat Tire Electric Bike is designed for versatile riding across various terrains. It features a powerful 1200W peak motor, full suspension, and a long-range battery, providing a balanced combination of performance and comfort. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike.



Image: The ACTBEST Blaze electric bike being ridden, highlighting its long-range capability.

## 2. SAFETY INFORMATION

Always prioritize safety when operating your electric bike. Read and understand all instructions before your first ride. Failure to follow safety guidelines may result in serious injury or property damage.

## 2.1 General Safety Precautions

- Always wear a helmet and appropriate safety gear.
- Ensure all components are securely fastened before each ride.
- Check tire pressure, brakes, and battery level before use.
- Obey all local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Maintain a safe distance from other vehicles and pedestrians.

## 2.2 Braking System

The e-bike is equipped with dual disc brakes for reliable stopping power. Regularly inspect brake pads and rotors for wear and ensure brake levers are responsive. Adjust as needed to maintain optimal braking performance.



Image: Rider demonstrating the e-bike's LED headlights and taillights for enhanced visibility during night rides.

## 3. SETUP AND ASSEMBLY

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Your ACTBEST Blaze electric bike requires minor assembly. Follow these steps carefully to ensure proper setup. Refer to the assembly video for visual guidance.

### 3.1 Unboxing and Component Identification

1. Carefully open the packaging and remove all components.
2. Identify the main bike frame, front wheel, handlebars, pedals, front fender, rear fender, headlight, charger, and tool kit.

3. Remove all protective packaging materials and zip ties.

## 3.2 Handlebar Installation

1. Loosen the bolts on the handlebar stem.
2. Position the handlebars into the stem, ensuring they are centered and aligned.
3. Tighten the bolts securely using the provided tools.
4. Connect any loose electrical cables from the handlebars to the main frame, ensuring a secure connection.

## 3.3 Front Wheel Installation

1. Remove the protective cap from the front wheel axle.
2. Align the front wheel with the front fork, ensuring the brake rotor slides correctly into the brake caliper.
3. Insert the axle through the fork and wheel, then secure it with the provided nuts and tighten them firmly.

## 3.4 Fender and Headlight Installation

1. Attach the front fender to the front fork using the provided screws.
2. Mount the headlight bracket to the front fork, then attach the headlight to the bracket.
3. Connect the headlight's electrical cable.
4. Attach the rear fender to the rear frame using the provided screws.

## 3.5 Pedal Installation

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

## 3.6 Battery Installation and Power On

1. Insert the battery into its compartment on the frame. Ensure it clicks securely into place.
2. Turn the battery key to the 'ON' position.
3. Press and hold the power button on the display unit to power on the e-bike.

Your browser does not support the video tag. Please update your browser to view this content.

Video: Detailed assembly guide for the ACTBEST Blaze electric bike, demonstrating each step from unboxing to final setup.

# 4. OPERATING INSTRUCTIONS

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Familiarize yourself with the e-bike's controls and functions before riding.

## 4.1 Power On/Off

- To power on, ensure the battery key is in the 'ON' position, then press and hold the power button on the handlebar display.
- To power off, press and hold the power button on the display until it shuts down.

## 4.2 Pedal Assist System (PAS)

- The e-bike offers multiple levels of pedal assist. Use the '+' and '-' buttons on the display to adjust the assist level.
- Higher assist levels provide more motor power, making pedaling easier.

## 4.3 Throttle Operation

- The throttle provides instant motor power without pedaling.
- Twist the throttle grip to engage the motor. Release to disengage.
- Use the throttle responsibly and be aware of your surroundings.

## 4.4 Display Functions

The digital display shows important information:

- **Speed:** Current riding speed.
- **Battery Level:** Indicates remaining battery charge.
- **Assist Level:** Shows the current pedal assist setting.
- **Odometer/Trip:** Tracks total distance or current trip distance.



Image: Close-up of the digital display, rear rack, and ergonomic handlebar grip, illustrating control and utility features.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your e-bike.

### 5.1 Battery Care

- Charge the battery fully before the first use and after every ride.
- Do not overcharge or completely drain the battery.
- Store the battery in a cool, dry place when not in use, ideally between 50-70% charge.
- Avoid exposing the battery to extreme temperatures.

### 5.2 Tire Pressure

- Check tire pressure before each ride.
- Maintain recommended PSI as indicated on the tire sidewall for optimal performance and safety.

### 5.3 Brake System Inspection

- Regularly inspect brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. Adjust cable tension if needed.
- Check brake rotors for any damage or warping.

### 5.4 Chain Lubrication

- Keep the chain clean and lubricated to ensure smooth operation and prevent wear.
- Apply bicycle-specific chain lubricant periodically, especially after riding in wet or dusty conditions.

### 5.5 General Cleaning

- Clean the e-bike regularly with a damp cloth and mild soap.
- Avoid using high-pressure washers directly on electrical components.
- Dry the bike thoroughly after cleaning.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your e-bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated; power button not pressed correctly.	Ensure battery is fully charged and securely installed. Check battery key position. Press and hold the power button firmly.
Motor not engaging	Low battery; pedal assist level set to zero; loose motor cable connection.	Charge battery. Increase pedal assist level. Check all motor cable connections.
Brakes feel spongy or ineffective	Worn brake pads; loose brake cable; air in hydraulic system (if applicable).	Inspect and replace brake pads. Adjust brake cable tension. If hydraulic, consult a professional for bleeding.
Unusual noises during operation	Loose components; dry chain; brake rub.	Check all bolts and fasteners. Lubricate chain. Inspect brake caliper alignment.

## 7. SPECIFICATIONS

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Key technical specifications for the ACTBEST Blaze 16" Fat Tire Electric Bike.

Feature	Detail
Bike Type	Electric Bike
Age Range	Adult
Brand	ACTBEST

Feature	Detail
Model Name	Blaze
Motor Power (Peak)	1200W
Top Speed	Up to 25 MPH
Max Range (Pedal Assist)	Up to 55 Miles
Battery	48V 10.4Ah (499.2 Watt Hours) Removable
Charging Time	4-6 hours
Wheel Size	16 Inches (Fat Tires)
Frame Material	Carbon Steel
Suspension Type	Full Suspension (Front & Rear Shock Absorbers)
Brake Style	Dual Disc Brakes
Number of Speeds	7
Included Components	Charger
Max Load Capacity	350 lbs
Bicycle Weight	59.5 lbs

# Fits for Teens & Adults



Under 5.2"  
Rider Height



59.5LBS  
Bicycle Weight



350lbs  
Load Capacity



Image: Visual representation of the e-bike's dimensions, indicating suitability for various rider heights.

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

The ACTBEST Blaze electric bike comes with a **1-year warranty**. This warranty covers manufacturing defects in materials and workmanship. Please retain your proof of purchase for warranty claims. The warranty does not cover normal wear

and tear, misuse, accidents, or unauthorized modifications.

## 8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact ACTBEST customer support:

- **Phone:** 1-844-401-2847 (M-F 8:00 AM - 5:00 PM PST)
- **Website:** [www.actbestbike.com](http://www.actbestbike.com)