

## ACTBEST Blaze

# ACTBEST Blaze 16-inch Fat Tire Electric Bike User Manual

Model: Blaze

## 1. INTRODUCTION

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Thank you for choosing the ACTBEST Blaze 16-inch Fat Tire Electric Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. Please read it thoroughly before your first ride and keep it for future reference.

## 2. SAFETY GUIDELINES

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Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations regarding electric bicycles. Perform a pre-ride safety check before each use.

- Always wear a certified helmet.
- Ensure brakes are functioning correctly before each ride.
- Check tire pressure and condition.
- Verify battery is securely locked and charged.
- 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. PACKAGE CONTENTS

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Upon unboxing, please ensure all components are present and undamaged. If anything is missing or damaged, contact customer support immediately.

- ACTBEST Blaze Electric Bike (partially assembled)

- Front Wheel
- Handlebar
- Front Fender
- Rear Fender
- Headlight
- Pedals (Left & Right)
- Battery Charger
- Tool Kit
- User Manual

## 4. ASSEMBLY INSTRUCTIONS

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The ACTBEST Blaze electric bike comes mostly assembled. Follow these steps to complete the setup. For a visual guide, please refer to the installation video below.

Your browser does not support the video tag.

Video: Quick Installation Steps for ACTBEST Blaze Ebike. This video demonstrates the assembly process for your electric bike.

### 4.1. Handlebar Installation

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1. Remove the four bolts from the handlebar clamp on the stem.
2. Carefully place the handlebar into the clamp, ensuring cables are not pinched.
3. Re-insert and tighten the four bolts evenly to secure the handlebar.
4. Tighten the top bolt on the stem to secure the headset.

### 4.2. Front Wheel Installation

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1. Remove the protective cap from the front fork.
2. Align the front wheel with the fork, ensuring the brake rotor slides into the brake caliper.
3. Insert the axle bolt through the fork and wheel hub.
4. Secure the wheel with the provided nuts and washers, tightening them firmly.

### 4.3. Fender Installation

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1. Attach the front fender to the front fork using the provided screws and brackets.
2. Attach the rear fender to the rear frame using the provided screws and brackets.

### 4.4. Headlight Installation

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1. Assemble the headlight bracket onto the headlight.
2. Mount the headlight assembly to the front fork using the designated mounting points.
3. Connect the headlight cable to the corresponding cable from the main wiring harness.

### 4.5. Pedal Installation

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1. Identify the Left (L) and Right (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 both pedals firmly with a wrench.

## 4.6. Battery Installation

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1. Insert the battery into its compartment on the frame.
2. Push firmly until it clicks into place.
3. Use the key to lock the battery securely.

## 4.7. Reflector Installation

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1. Attach the front reflector to the handlebar.
2. Attach the rear reflector to the seat post or rear fender.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Powering On/Off

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1. Ensure the battery is locked in place and turned on using the switch on the battery itself.
2. Press and hold the power button on the handlebar display to turn the bike on.
3. Repeat the process to turn the bike off.

### 5.2. Display Functions

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The display shows important information such as speed, battery level, and pedal assist level. Use the '+' and '-' buttons to adjust the pedal assist level.

# Fits for Teens & Adults



Under 5.2"  
Rider Height



59.5LBS  
Bicycle Weight



350lbs  
Load Capacity



Image: The digital display on the handlebar provides real-time ride information.

## 5.3. Riding Modes

- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust the assist level using the display buttons.
- **Throttle Mode:** Use the throttle to engage the motor without pedaling.
- **Manual Mode:** Ride the bike like a traditional bicycle without motor assistance.

## 5.4. Braking

The ACTBEST Blaze is equipped with dual disc brakes for reliable stopping power. Apply both brake levers gently and evenly to slow down or stop. Avoid sudden, hard braking, especially at high speeds.



# Triple Safety Guard

Highvisibility LED lights illuminate night rides, brake lights warn traffic, and Disc Brakes stop instantly — safety mastered on every road.

Image: The bike features bright LED headlights and taillights for enhanced visibility, along with responsive disc brakes for safety.

## 5.5. Lights

The bike features integrated LED headlights and taillights for improved visibility. Turn them on/off using the dedicated button on the handlebar or display, as per your model's configuration.

## 6. MAINTENANCE

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

## 6.1. Battery Care

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- Charge the battery fully before the first ride and after each use.
- Do not overcharge or completely drain the battery.
- Store the battery in a cool, dry place when not in use.
- If storing for extended periods, charge the battery to 50-70% every 2-3 months.

## 6.2. Tires

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- Check tire pressure before each ride. Recommended pressure is usually indicated on the tire sidewall.
- Inspect tires for wear, cuts, or punctures regularly.

## 6.3. Brakes

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- Regularly check brake pads for wear and replace if necessary.
- Ensure brake levers are responsive and cables are not frayed.
- Adjust brake tension as needed for optimal performance.

## 6.4. General Inspection

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- Periodically check all bolts and fasteners for tightness.
- Keep the chain clean and lubricated.
- Clean the bike regularly with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Bike does not power on	Battery off or not charged; loose connections	Ensure battery is on and charged. Check all electrical connections.
Motor not assisting	Low PAS level; throttle issue; motor connection	Increase PAS level. Check throttle connection. Inspect motor wiring.
Brakes feel weak	Worn brake pads; loose cable; air in hydraulic system (if applicable)	Inspect and replace brake pads. Adjust cable tension. Consult a bike mechanic for hydraulic brake issues.
Unusual noises	Loose components; dry chain; brake rub	Check all bolts. Lubricate chain. Adjust brake caliper.

## 8. SPECIFICATIONS

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The following table outlines the key specifications for the ACTBEST Blaze 16-inch Electric Bike.

# Fits for Teens & Adults



Under 5.2"  
Rider Height



59.5LBS  
Bicycle Weight



350lbs  
Load Capacity



Image: The ACTBEST Blaze is designed to accommodate both teens and adults, with specific dimensions for rider height and load capacity.

Feature	Detail
Bike Type	Electric Mountain Bike
Model Name	Blaze
Wheel Size	16 Inches
Motor Power (Peak)	1200W

Feature	Detail
Max Speed	Up to 25 MPH
Battery	48V 10.4Ah (500.8 Watt Hours)
Range (Pedal Assist)	Up to 55 Miles
Charging Time	4-6 Hours
Suspension Type	Dual (Front & Rear)
Brake Style	Disc
Minimum User Height	157 Centimeters (approx. 5'2")
Wheel Material	Rubber
Drivetrain Type	Hub Motor
Gear Shifter Type	Twist Grip

## 9. WARRANTY AND SUPPORT

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The ACTBEST Blaze Electric Bike comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, parts, or warranty claims, please contact ACTBEST customer service through the retailer where you purchased the product.