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> [Jasion](#) /

> [Jasion Roamer Electric Bike User Manual](#)

Jasion Jasion Roamer

Jasion Roamer Electric Bike User Manual

Model: Jasion Roamer

INTRODUCTION

Thank you for choosing the Jasion Roamer Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your e-bike. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.

The Jasion Roamer is designed as a commuting electric bicycle for adults, featuring a powerful motor, removable battery, and a comfortable riding experience with front suspension and a 7-speed gear system.

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 pre-ride checks as outlined in this manual.

Key Safety Features

- **Dual Mechanical Disc Brakes:** Provides reliable stopping power in various conditions.
- **Integrated Lighting System:** Includes a bright front light, rear tail light, brake light, and left/right turn signals for enhanced visibility and communication with other road users.
- **IPX6 Waterproof Battery:** The removable battery is designed with an IPX6 waterproof rating, offering protection against water splashes.

More Miles, Less Hassle

 528WH

60Miles 



**IPX6
Waterproof**



**Lower
Risk of Theft**



Removable

Image: The Jasion Roamer Electric Bike with a rider, demonstrating the comprehensive lighting system for safety, including the front headlight, rear brake light, and turn signals.

SETUP AND ASSEMBLY

The Jasion Roamer Electric Bike arrives approximately 80% pre-assembled. Detailed instructions and necessary tools are included in the packaging to guide you through the final assembly steps. Please refer to the separate assembly guide for step-by-step instructions.

Initial Steps

1. Unpack all components carefully and verify against the packing list.
2. Install the front wheel, handlebars, seat post, and pedals as per the assembly guide.
3. Ensure all bolts and quick releases are securely tightened before riding.
4. Fully charge the battery before its first use.

OPERATING YOUR E-BIKE

Battery Installation and Charging

The 528Wh removable battery provides a range of 45-60 miles on a single charge, which typically takes 6-7 hours. The battery features a spring-loaded, quickly detachable sealed design and can be locked to the frame with a key to prevent theft.

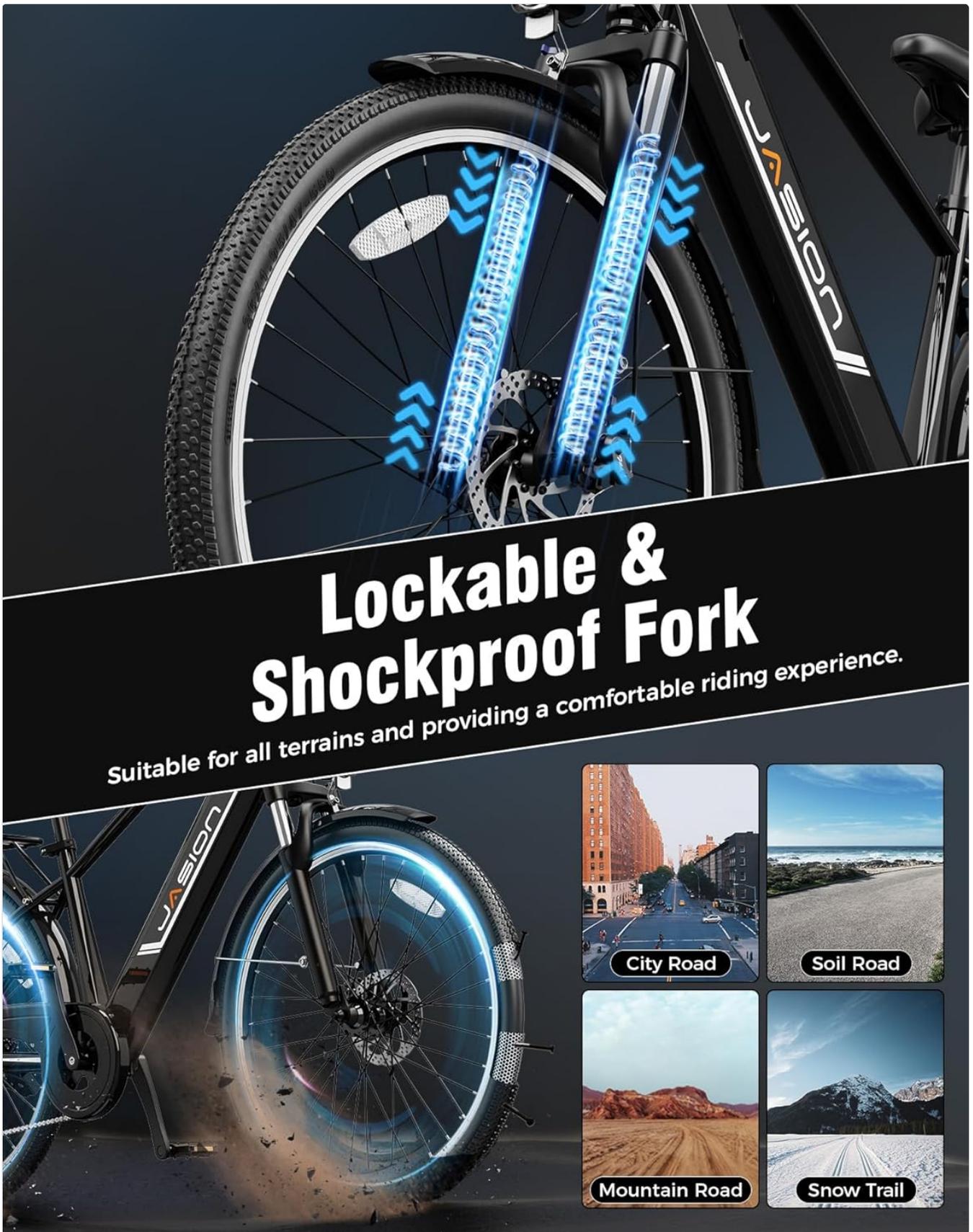


Image: The removable 528Wh battery being installed into the frame of the Jasion Roamer Electric Bike.

Motor and Performance

Equipped with a 750W (1200W Peak) brushless motor, the Jasion Roamer can reach speeds of up to 28 MPH. This motor provides 55 N.m of torque, suitable for various terrains including road, grass, sand, and mountain paths.



Image: An illustration detailing the powerful 1200W peak brushless motor of the Jason Roamer Electric Bike.

LCD Display and Controls

The intuitive LCD display provides real-time information including speed, battery charge level, pedal assist level, and travel distance. This allows you to monitor your ride status at a glance.

Your Safety Shield for Every Ride



Image: The smart LCD display and handlebar controls of the Jasion Roamer Electric Bike, showing various ride metrics.

Riding Modes and Gears

The Jasion Roamer offers three cycling modes:

- **Pure Electric Mode:** Power is supplied solely by the motor via the throttle.
- **Electric Assist Mode (PAS):** The motor provides assistance as you pedal.
- **Pure Pedal Mode:** Ride like a traditional bicycle without motor assistance.

The 7-speed gear system allows for smooth and reliable shifting, enabling riders to adjust pedal assist levels and riding intensity to adapt to different terrains and preferences.

Suspension

The front suspension fork with 80mm of travel absorbs bumps and vibrations, providing a more comfortable ride on uneven or rough roads. The suspension can be locked out for more efficient pedaling on smooth surfaces.



Image: A detailed view of the lockable front suspension fork, designed for a comfortable riding experience across various terrains.

MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your Jasion Roamer Electric Bike.

General Maintenance Tips

- **Tire Pressure:** Check tire pressure before each ride and inflate to the recommended PSI.
- **Brakes:** Regularly inspect brake pads and cables for wear. Adjust as needed to ensure effective braking.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **Battery Care:** Store the battery in a cool, dry place and charge it regularly, even if not in use, to maintain its health. Avoid fully discharging the battery.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases to ensure they are securely tightened.
- **Cleaning:** Clean your e-bike with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.

Comprehensive & Detailed Design



Image: A close-up of the bike's drivetrain, adjustable seat, and fenders, highlighting components that require regular inspection and maintenance.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Jasion Roamer Electric Bike.

Problem	Possible Cause	Solution
E-bike does not power on	Battery not charged or improperly installed; loose electrical connection.	Ensure battery is fully charged and securely seated. Check all visible electrical connections.
Motor not assisting	Pedal Assist System (PAS) level is zero; brake levers engaged; motor cable loose.	Increase PAS level on the display. Ensure brake levers are fully released. Check motor cable connection.
Brakes feel weak	Worn brake pads; loose brake cable; contaminated rotors.	Inspect and replace brake pads if worn. Adjust brake cable tension. Clean rotors with disc brake cleaner.
Gears are not shifting smoothly	Derailleur out of adjustment; dirty or dry chain; bent hanger.	Clean and lubricate the chain. Adjust derailleur as per bicycle maintenance guides. Consult a bike mechanic if the hanger is bent.

If you encounter issues not listed here or require further assistance, please contact Jasion customer support.

SPECIFICATIONS

Below are the detailed specifications for the Jasion Roamer Electric Bike:

Feature	Detail
Model Name	Jasion Roamer
Bike Type	Commuting Bike
Age Range	Adult
Motor	750W (1200W Peak) Brushless Motor
Max Speed	28 MPH
Max Torque	55 N.m
Battery	528Wh (48V 11Ah) Removable Lithium Battery
Charging Time	6-7 hours
Range	45-60 miles (depending on assist level and terrain)
Waterproof Rating	IPX6 (Battery)
Wheel Size	26 Inches
Frame Material	Carbon Steel
Suspension Type	Front (80mm travel)
Brake Style	Mechanical Disc (Front & Rear)
Number of Speeds	7

Feature	Detail
Display	LCD-Display
E-bike Weight	65 lbs
Load Capacity	300 lbs
Recommended Rider Height	5'4" - 6'4"
Assembly Required	Yes (80% pre-installed)
Included Components	Kickstand



Image: A comprehensive diagram illustrating the dimensions and key specifications of the Jason Roamer Electric Bike.

WARRANTY INFORMATION

The Jason Roamer Electric Bike comes with a limited warranty. Please refer to the warranty card included with your product packaging for specific terms, conditions, and duration of coverage. Generally, a 1-year protection plan is offered for key components.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact Jasion customer support. Refer to the contact information provided in your product packaging or visit the official Jasion website.

Instructional Video

Your browser does not support the video tag.

Video: An instructional video demonstrating features or assembly of the Jasion Roamer Electric Bike. (Duration: 2:57)