DRIFT.SLIDE IM-J1

DRIFT.SLIDE J1 Electric Bike User Manual

Model: IM-J1

Brand: DRIFT.SLIDE

1. Introduction

This user manual provides essential information for the safe and efficient operation and maintenance of your DRIFT.SLIDE J1 Electric Bike. The J1 is a versatile electric moped-style bike designed for adults, featuring a powerful 1500W peak motor, a top speed of 28 MPH, and a 48V 20.8 Ah removable battery offering extended range. It is equipped with 7-speed transmission and 20-inch all-terrain fat tires, making it suitable for various landscapes from daily commuting to off-road adventures.



Image: The DRIFT.SLIDE J1 Electric Bike, a black moped-style e-bike with fat tires, shown from a front-side angle.

2. Safety Guidelines

Always prioritize safety when operating your electric bike. Adhere to local traffic laws and regulations. Wearing a helmet is strongly recommended. Before each ride, perform a quick safety check:

- Ensure tires are properly inflated.
- Verify brake functionality (front and rear).
- Check that the headlight and brake light are operational.
- Confirm the battery is securely installed and charged.
- Familiarize yourself with the controls before riding in traffic.

The J1 electric bike includes enhanced safety features such as an ultra-bright LED headlight that illuminates upon activation and a rear brake light that activates when braking, improving visibility during night rides.



Image: Illustration highlighting the bright headlights and brake light of the J1 electric bike, emphasizing safety in various weather conditions.

3. Key Components

The DRIFT.SLIDE J1 Electric Bike is built with high-quality components for performance and durability.

3.1 Motor

Equipped with a powerful 1500W peak power brushless motor, the J1 delivers high torque, low power consumption, and quiet operation. It allows for speeds up to 28 MPH and can handle slopes up to 30 degrees.



Image: Close-up view of the rear wheel and hub motor, illustrating the 1500W brushless motor with performance metrics like max speed, range, and gradeability.

3.2 Battery

The J1 features a 48V 20.8Ah removable lithium-ion battery. This battery offers an impressive range of up to 70 miles with pedal assist or 30 miles on pure electric power. It can be charged directly on the bike or removed for convenient charging indoors, with a full charge time of 6-7 hours.



Image: Detailed view of the UL-certified 48V 20.8Ah removable battery integrated into the bike frame, showing its specifications and charging time.

3.3 Tires

The 20-inch by 4.0-inch all-terrain fat tires provide excellent grip and stability across diverse surfaces, including snow, sand, gravel, and mountain trails. Their robust design enhances puncture resistance.



Image: Close-up of the 20-inch fat tire, with icons indicating its suitability for snow, sand, and mountain roads.

3.4 Suspension System

The J1 is equipped with a dual suspension system, featuring a front suspension fork and a rear shock absorber. This design provides excellent shock absorption, effectively reducing bumps and vibrations for a more comfortable ride on rough terrain.

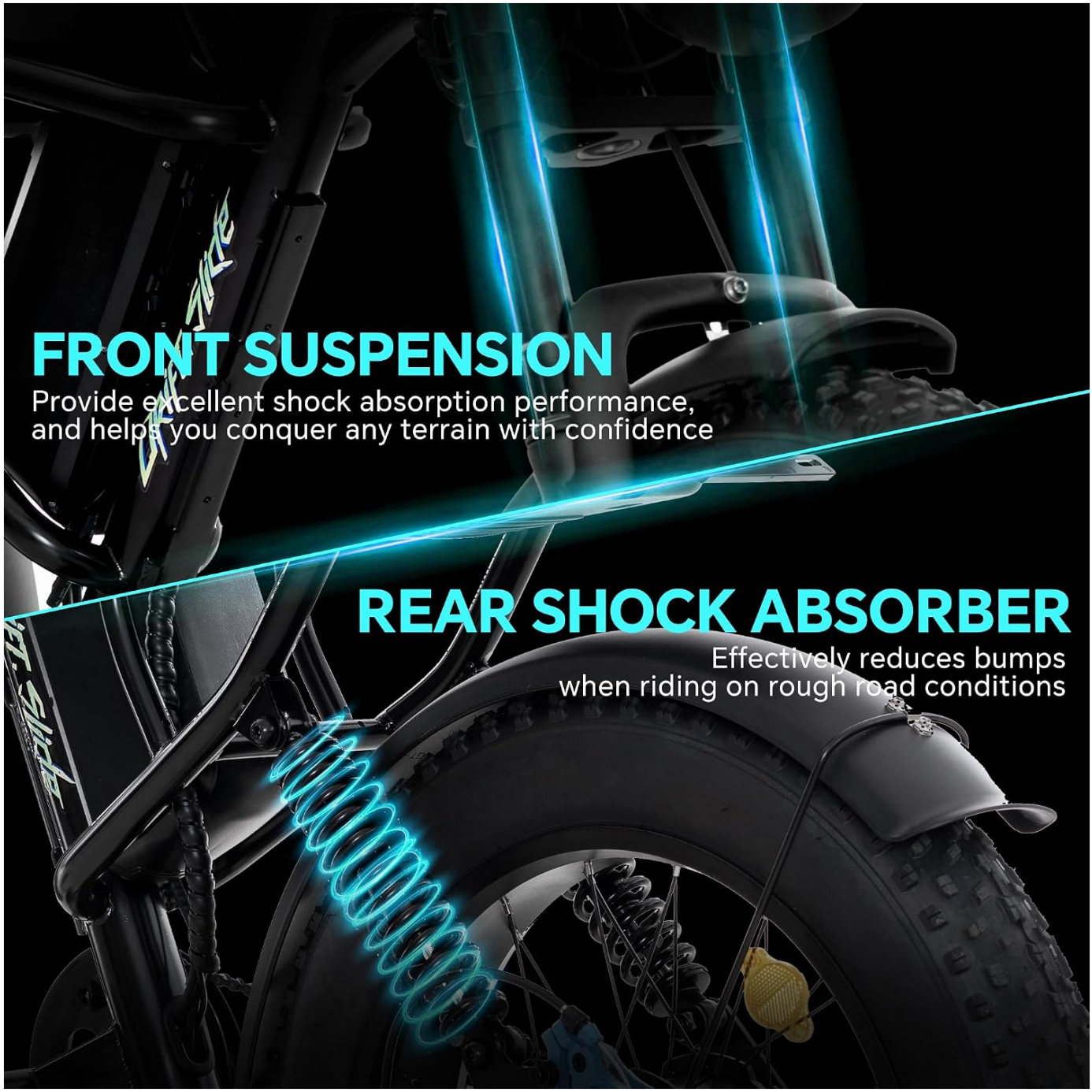


Image: Diagram illustrating the front suspension and rear shock absorber components of the J1 electric bike, highlighting their function in absorbing impacts.

3.5 LCD Smart Display

The integrated LCD smart display provides real-time information including battery level, current speed, gear display, and odometer readings. It allows for easy monitoring of your ride data and adjustment of settings.



Image: View of the handlebars and the LCD smart display, showing various indicators like battery, speed, gear, and odometer, along with control buttons.

3.6 Brakes

The J1 is equipped with front and rear mechanical disc brakes, providing reliable and responsive stopping power. This ensures enhanced safety, especially on varied terrains or during sudden stops.



Image: Illustration highlighting the front and rear mechanical disc brakes, emphasizing their responsive braking performance.

3.7 Seat

The ergonomic sport seat is designed to provide optimal support and comfort, reducing pressure points during extended rides.



Image: Close-up view of the comfortable, ergonomic seat of the J1 electric bike.

4. Setup and Assembly

The DRIFT.SLIDE J1 Electric Bike requires some assembly upon arrival. It is recommended to follow the detailed instructions provided in the separate assembly guide included with your purchase. Key assembly steps typically include:

1. Attaching the front wheel and fender.
2. Installing the handlebars and adjusting their position.
3. Attaching the pedals.
4. Securing the seat.
5. Connecting and charging the battery.
6. Performing initial brake and gear adjustments.

Ensure all bolts and quick-release mechanisms are tightened securely before your first ride.

5. Operating Instructions

The J1 Electric Bike offers a versatile riding experience with three distinct modes and a 7-speed transmission system.

5.1 Riding Modes

- **Pure Electric Mode:** Engage the throttle for full electric power without pedaling. Ideal for effortless cruising, offering up to 30 miles of range.
- **PAS (Pedal Assist) Mode:** The motor provides assistance as you pedal. This mode extends your range significantly, up to 70 miles, and is suitable for longer journeys or uphill climbs. The J1 offers 5 levels of pedal assist.
- **Pedal-only Mode:** Ride the bike like a traditional bicycle, using only your pedaling power. This mode is excellent for exercise and conserving battery life.



Image: Graphic illustrating the three riding modes (Electric, Pedal Assist, Manual) and their approximate ranges, with a rider on the J1 electric bike.

5.2 Gear Shifting

The 7-speed Shimano derailleur transmission system allows you to adjust your pedaling effort and speed according to terrain and preference. Use the trigger shifter on the handlebars to change gears smoothly.



Image: Close-up of the rear wheel and Shimano 7-speed derailleur, with an inset showing the trigger shifter on the handlebar.

5.3 Display Operation

The LCD central display provides comprehensive real-time data. Use the buttons near the display to cycle through information such as single mileage (TRIP), total mileage (ODO), maximum speed (MAX), average speed (AVG), power display, and current speed. The power button and gear adjustment controls are also located on the handlebars.



Image: Overhead view of the J1 handlebars showing the LCD central display and its various data points, along with the power and gear adjustment buttons.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your DRIFT.SLIDE J1 Electric Bike.

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid fully discharging the battery. Store in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride. Refer to the tire sidewall for recommended PSI.
- **Brake Inspection:** Periodically inspect brake pads for wear and ensure brake levers provide firm and consistent stopping power. Adjust as needed.

- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **General Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Check:** Regularly check and tighten all bolts and fasteners, especially on critical components like handlebars, wheels, and seat.

7. Troubleshooting

This section addresses common issues you might encounter with your J1 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged or not properly seated.	Ensure battery is fully charged and securely inserted. Check power button on battery.
Motor not assisting.	PAS level too low, throttle not engaged, or brake lever sensor activated.	Increase PAS level, ensure throttle is fully engaged, check if brake levers are stuck.
Brakes feel weak.	Worn brake pads or loose brake cable.	Inspect and replace brake pads if worn. Adjust brake cable tension.
Gears are slipping.	Derailleur out of adjustment or dirty chain.	Clean and lubricate chain. Adjust derailleur according to manufacturer guidelines.

For issues not listed here, please contact customer support.

8. Specifications

Feature	Detail
Brand	DRIFT.SLIDE
Model Name	IM-J1
Bike Type	Beach Ebike, Fat tire Electric Bike, Electric Commuter Bike, Mountain Electric Bike, City Bike, Off Road Electric Bike
Age Range (Description)	Adult
Motor Power	1500W Peak Power
Top Speed	28-35 MPH
Battery	48V 20.8 Ah Removable Lithium Battery (998.4 Watt Hours)
Max Range (Pedal Assist)	Up to 70 Miles
Max Range (Pure Electric)	Up to 30 Miles
Charging Time	6-7 Hours
Wheel Size	20 Inches (4 Inches Wheel Width)
Number of Speeds	7
Frame Material	High Carbon Steel

Feature	Detail
Suspension Type	Dual (Front & Rear)
Brake Style	Disc (Front & Rear Mechanical Disc Brake)
Maximum Weight Recommendation	300 Pounds
Minimum User Height	64 Inches
Item Weight	95.9 Pounds
Assembly Required	Yes

For detailed dimensions, refer to the size information image below.

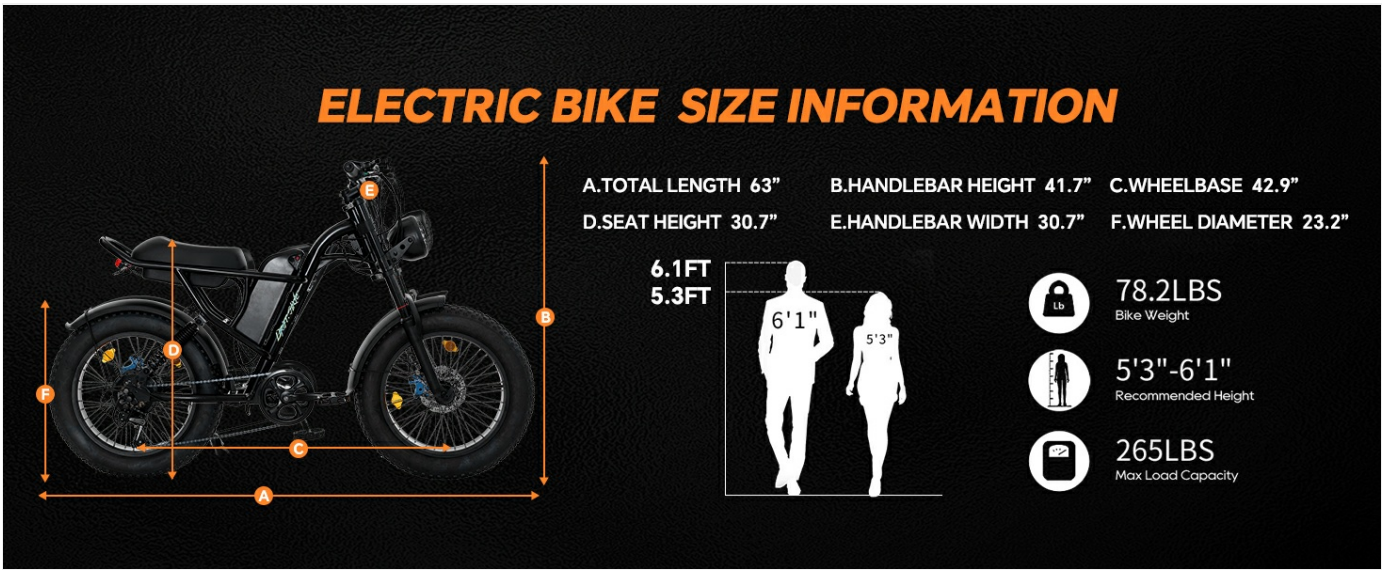


Image: Diagram showing the dimensions of the J1 electric bike and recommended rider height.

9. Warranty and Support

The DRIFT.SLIDE J1 Electric Bike comes with a**1-year limited warranty**. For any questions, concerns, or support needs, please contact DRIFT.SLIDE customer service through the Amazon email address. Our team aims to respond and resolve your issues within 24 hours.
For additional information and resources, you may visit the official DRIFT.SLIDE store on Amazon:DRIFT.SLIDE Amazon Store.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I fix the brakes on my DRIFT.SLIDE J1 electric bike?

To fix or adjust the brakes on your DRIFT.SLIDE J1 (IM-J1) electric bike, follow these troubleshooting and maintenance steps based on the manual:Check for Weak Braking: If the brakes feel weak, it is usually...

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