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PUCKIPUPPY ZD-2

PUCKIPUPPY Boxer Electric Bike User Manual

Model: ZD-2

1. Setup

The PUCKIPUPPY Boxer Electric Bike arrives approximately 85% pre-assembled. The remaining installation steps are straightforward and can be completed by following the instructions provided in this manual.

1.1 Unboxing and Initial Inspection

- Carefully remove all components from the packaging.
- Inspect the bike for any visible damage that may have occurred during shipping. Report any damage to customer support immediately.
- Verify that all listed components are present.

1.2 Battery Charging

Before the first ride, fully charge the 48V 20AH removable battery. The waterproof hidden battery design ensures protection. A full charge typically takes 8-9 hours.

- Locate the charging port on the bike or remove the battery for charging.
- Connect the charger to the battery and then to a standard power outlet.
- The charger indicator light will change when charging is complete.



Figure 1: The 48V 20AH removable battery, designed for waterproofing and hidden integration within the bike frame. It offers an electric range of 40-80 miles and takes 8-9 hours for a full charge.

1.3 Component Installation

- Install the front wheel, handlebars, pedals, and seat post as per the detailed instructions in the included assembly guide.
- Ensure all quick-release levers and bolts are securely tightened before riding.



Figure 2: The PUCKIPUPPY Boxer Electric Bike, featuring a robust design with full suspension and fat tires, suitable for diverse riding conditions.

2. Operating the Electric Bike

The PUCKIPUPPY Boxer Electric Bike offers multiple riding modes and intuitive controls for a versatile riding experience.

2.1 Powering On/Off

- Press and hold the power button on the LCD color display to turn the bike on.
- Repeat the action to power off the bike.

2.2 Riding Modes

The bike features 5 distinct riding modes, selectable via the LCD display controls:

- **Pure Electric Mode:** Utilizes only the motor for propulsion.

- **Pedal Assist Mode:** Provides motor assistance while you pedal. This mode offers up to 28 MPH.
- **Cruise Mode:** Maintains a set speed without continuous throttle or pedaling input.
- **Manual Mode:** Operates as a traditional bicycle without motor assistance.
- **Walking Mode:** Provides low-speed assistance for walking alongside the bike.

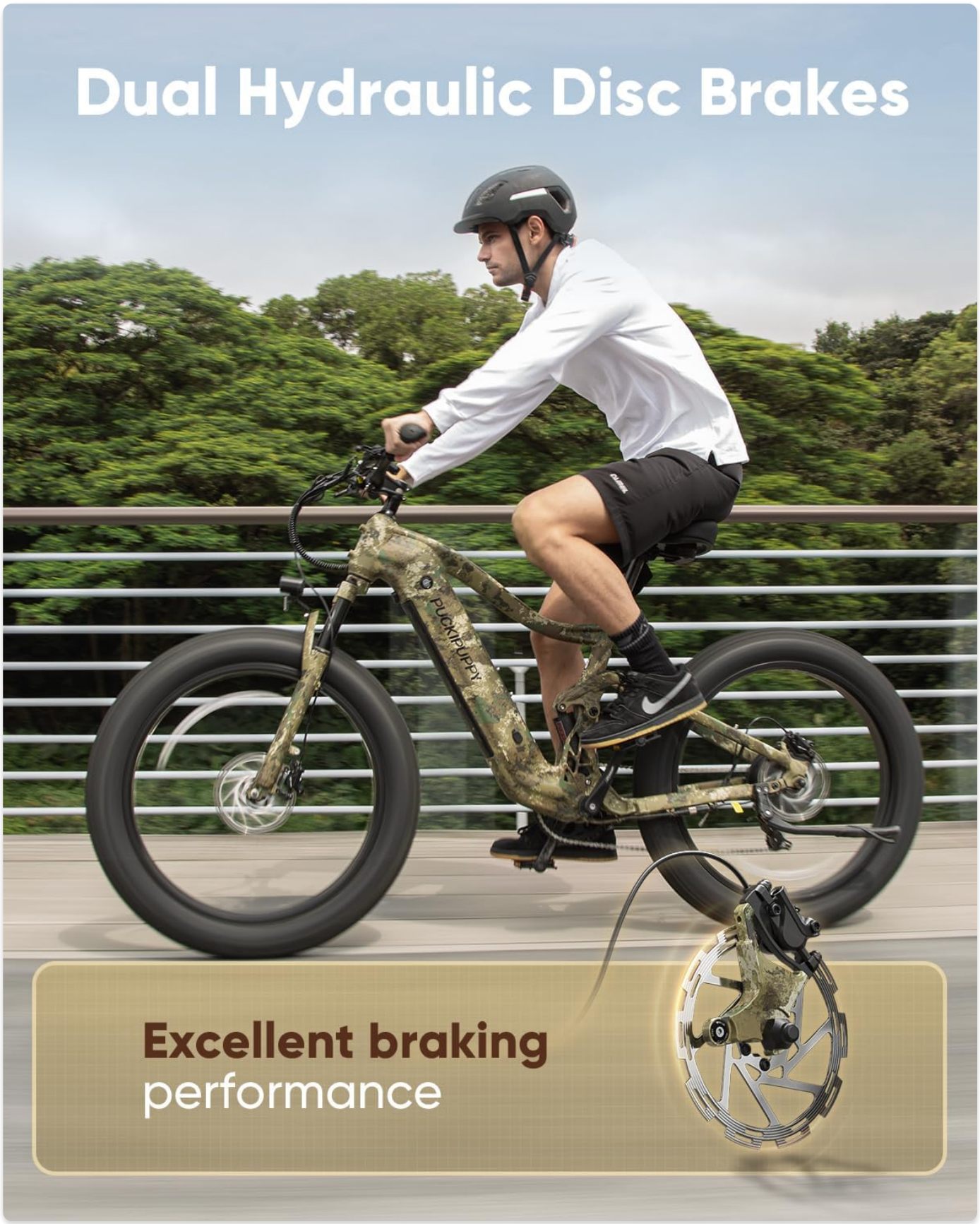


Figure 3: The LCD color display provides real-time ride information and allows selection of the 5 riding modes.

2.3 Shifting Gears

The bike is equipped with a 7-speed Shimano drivetrain. Use the shifter on the handlebars to adjust gears according to terrain and desired speed.



Figure 4: The 960W peak motor and 7-speed Shimano drivetrain provide powerful and adaptable performance.

2.4 Braking System

The dual hydraulic disc brakes offer strong and reliable stopping power, ensuring safety in various conditions.



Figure 5: Dual hydraulic disc brakes ensure excellent stopping performance and rider safety.

3. Maintenance

Regular maintenance is crucial for the longevity and optimal performance of your PUCKIPUPPY Boxer Electric Bike.

3.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid completely draining the battery before recharging.
- Store the battery in a cool, dry place when not in use.

3.2 Tire Pressure

The 26" x 4" fat tires provide stable grip. Check tire pressure before each ride and inflate to the recommended PSI (typically 5-30 PSI for fat tires, refer to tire sidewall for exact range).

3.3 Brake System Inspection

- Regularly inspect brake pads for wear and replace them if necessary.
- Ensure brake levers engage smoothly and provide adequate stopping power. Adjust cable tension if needed.

3.4 Suspension System

The 2025 longitudinal hidden suspension system is designed for comfort and shock absorption. Keep suspension components clean and free of debris. Periodically check for any leaks or unusual noises.



Figure 6: The full suspension system, including front and rear components, enhances ride comfort and stability on varied terrain.

3.5 General Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.

4. Troubleshooting

This section covers common issues and their potential solutions.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or improperly installed	Ensure battery is fully charged and securely seated. Check power button connection.
Motor not assisting	Pedal assist level too low or throttle not engaged	Increase pedal assist level on LCD. Ensure throttle is fully engaged. Check motor cable connection.
Brakes feel weak	Worn brake pads or air in hydraulic lines	Inspect and replace brake pads. If hydraulic, consider bleeding the brakes (professional service recommended).
Unusual noises from suspension	Loose components or lack of lubrication	Check all bolts on suspension linkages. Lubricate pivot points as recommended by a bike technician.

For issues not listed or if troubleshooting steps do not resolve the problem, please contact PUCKIPUPPY professional support team.

5. Specifications

Feature	Detail
Brand	PUCKIPUPPY
Model Name	ZD-2
Bike Type	Electric Bike
Age Range	Adult
Motor	960W Peak Brushless Motor (90Nm torque)
Battery	48V 20AH Removable (Waterproof hidden design)
Charging Time	8-9 hours
Max Range (Pedal Assist)	40-80 miles
Max Speed (Pedal Assist)	28 MPH
Climbing Ability	35° Max
Wheel Size	26 Inches
Tires	26" x 4" Puncture-Proof Fat Tires
Frame Material	Aluminum (6061 Aluminum Alloy)
Suspension Type	Dual (Full Suspension, 2025 Longitudinal Hidden Suspension)
Brake Style	Dual Hydraulic Disc Brakes
Number of Speeds	7 (Shimano)

Feature	Detail
Riding Modes	Pure Electric, Pedal Assist, Cruise, Manual, Walking
Display	LCD Color Display
Bike Weight	68 LBS
Max Load Capacity	400 Pounds
Recommended Rider Height	5'4" - 6'6"



Figure 7: Key dimensions and specifications of the PUCKIPUPPY Boxer Electric Bike.

6. Warranty and Support

PUCKIPUPPY is committed to providing excellent customer service and support for your electric bike.

6.1 Product Warranty

The PUCKIPUPPY Boxer Electric Bike comes with a limited warranty. Please refer to the warranty card included with your purchase for specific terms and conditions.

6.2 Customer Support

Our professional support team is available to assist you with any questions or concerns regarding your bike. We aim to provide the most professional and feasible solutions within 24 hours.

- For assistance, please contact PUCKIPUPPY customer service.
- Online Telephone Customer Service Time: PST 9am-6pm (Mon to Fri)
- Contact Number: 877-755-9956

We also guarantee delivery of your e-bike within 7 business days of placing your order. If this commitment is not met, we will provide an additional $100 USD worth of bike accessories as compensation.

7. Terrain Testing and Performance

The PUCKIPUPPY Boxer Electric Bike is designed to handle various terrains with its robust features.

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Video 1: PUCKIPUPPY Boxer Ebike Terrain Testing. This video demonstrates the bike's performance on various challenging terrains, including off-road trails and inclines, showcasing its full suspension and powerful motor capabilities.

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