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› GOKEEP L20A Electric Bike User Manual

GOKEEP L20A

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Model: L20A

1. PRODUCT OVERVIEW

The GOKEEP L20A Electric Bike is designed for adults, featuring a powerful 750W motor, 52V 13Ah battery, and a foldable frame for convenience. It is built to tackle various terrains with its fat tires and advanced safety features.



Figure 1: GOKEEP L20A Electric Bike, showcasing its design and accessories.

Key Features:

- **Powerful Motor:** 52V 750W (peak 1300W) brushless DC motor with 90 Nm torque.
- **Long Range Battery:** 52V 13Ah (676Wh) battery, offering up to 75 miles with pedal assist and 35 miles in pure electric mode.
- **All-Terrain Capability:** 20x3 inch fat tires suitable for various surfaces.
- **Foldable Design:** Allows for easy storage and transport.
- **Enhanced Safety:** Features front and rear lights, 180mm disc brakes, and a robust high-carbon steel frame.
- **IPX65 Waterproof Rating:** Provides protection against water splashes.

2. SETUP AND ASSEMBLY

This section guides you through the initial setup and assembly of your GOKEEP L20A Electric Bike. For a visual guide, please refer to the assembly video below.

Video 1: GOKEEP L20A Electric Bike Unboxing & Assembly. This video provides a step-by-step visual guide for setting up your new electric bike.

2.1 Unboxing and Component Check

Carefully remove all components from the packaging. Verify that all parts listed in the user manual are present and undamaged. The package typically includes the main bike frame, charger, front fender, tools, user manual, basket, saddle, pump, and pedals.

2.2 Handlebar Installation

1. Loosen the gland screw of the folding riser to adjust the installation angle.
2. Insert the handlebar stem into the riser.
3. After adjusting the angle, tighten the gland screw securely.
4. Lock the locking clamp to a tight fit.
5. Loosen the two screws on the handlebar clamp.
6. Place the handlebar into the clamp and tighten the two screws to secure it.

2.3 Saddle Installation

1. Insert the saddle tube into the bike frame.
2. Ensure the safety line on the saddle tube is not exposed when installing. This is a critical safety guarantee.
3. Adjust the saddle height to your preference and secure the quick-release clamp.

2.4 Front Light & Fender Installation

1. Remove the front fork fixing rod.
2. Use the provided nut and washer to connect and secure the front fender and the headlight to the front fork.
3. Ensure the headlight is firmly fixed.
4. Loosen the connecting screws of the front fender first, then tighten them to ensure proper alignment and stability.

2.5 Front Wheel Installation

1. Take off the spacers from the front wheel axle first, and then install them in order onto the axle.
2. Carefully align the front wheel with the front fork dropouts, ensuring the brake rotor slides into the brake caliper.
3. Tighten the nuts on both sides of the front wheel axle securely.
4. Loosen the two nuts of the front brake caliper.
5. Adjust the position of the brake so that the disc brake rotor is centered in the middle of the brake caliper to avoid friction with the brake pads on both sides.
6. Then tighten the two nuts of the front brake caliper.

2.6 Pedals Installation

Identify the 'R' (Right) and 'L' (Left) pedals. The 'R' pedal installs on the right crank arm (chain side), and the 'L' pedal installs on the left crank arm.

- Install the 'R' pedal on the right crank arm and tighten it clockwise.
- Install the 'L' pedal on the left crank arm and tighten it counter-clockwise.

2.7 Tire Pressure Check

Check if the tires are fully inflated. The recommended tire pressure is usually indicated on the tire sidewall. If not, use the provided pump to inflate them to the correct pressure.

2.8 Battery Activation

Turn the key on the battery to start the power. This activates the bike's electrical system.

3. OPERATING YOUR ELECTRIC BIKE

Familiarize yourself with the controls and modes of your GOKEEP L20A Electric Bike for an optimal riding experience.

3.1 Power On/Off

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

3.2 Speed Levels and Modes

The GOKEEP L20A offers multiple riding modes and speed levels:

- **Manual Pedaling:** Ride the bike like a traditional bicycle without electrical assistance.
- **AI-Assisted Pedaling:** The motor provides assistance as you pedal. There are 5 speed levels to choose from, adjustable via the display controls.
- **Pure Electric Mode:** Use the throttle to propel the bike without pedaling. Set to any gear, turn the handlebar to activate the throttle mode.
- **Push Assist Mode:** Long press the "-" button on the display to engage push assist, useful when walking the bike.

3.3 Headlight and Taillight Operation

To turn on the headlight and the rear light, long-press the "+" button on the display. Repeat the action to turn them off.

Day or Night -Safety Comes First

Front and rear headlights and reflectors work together to form a nighttime safety guardian



Figure 2: Front and rear lights provide visibility for safe riding, especially at night.

3.4 Bell Check

Before each ride, please check whether the bell is ringing properly to alert pedestrians and other riders.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your GOKEEP L20A Electric Bike.

4.1 General Cleaning

Clean your bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

4.2 Brake System

Regularly check the functionality of both front and rear brakes. Ensure the brake levers engage smoothly and the bike stops effectively. Adjust the brake caliper if there is any rubbing or insufficient braking power.

4.3 Tire Care

Maintain proper tire pressure as indicated on the tire sidewall. Inspect tires for wear, punctures, or damage before each ride.

4.4 Battery Care

- Charge the battery fully after each ride, especially if it has been heavily used.
- Avoid completely draining the battery before recharging.
- Store the battery in a cool, dry place when not in use for extended periods.
- The battery is removable for flexible charging options at home, office, or on the go.

Portable Battery

- Allow easy charging at home, in the office, or on the go.
- One Battery, Different convenient charging methods.



4.5 Chain Lubrication

Keep the chain clean and lubricated to ensure smooth operation and prevent rust. Apply bicycle-specific chain lubricant regularly.

4.6 Regular Inspections

Periodically check all bolts, nuts, and connections for tightness. Ensure quick-release levers are securely fastened.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your electric bike.

5.1 Bike Not Turning On

- Check if the battery is properly seated and locked.
- Ensure the battery is charged.
- Verify the battery key is in the 'ON' position.
- Long-press the power button on the display.

5.2 Motor Not Assisting

- Check the battery level on the display.
- Ensure you are in an assist mode (not manual pedaling).
- Verify all electrical connections are secure.

5.3 Brake Issues

- If brakes feel spongy, they may need adjustment or cable tensioning.
- If brakes are rubbing, adjust the caliper position to center the rotor.

5.4 Tire Issues

- Low tire pressure can affect ride quality and range; inflate to recommended PSI.

- Punctures require repair or tube replacement.

5.5 Display Errors

Refer to the specific error codes in the detailed user manual for troubleshooting steps related to display messages.

6. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Model Name	L20A
Brand	GOKEEP
Age Range	Adult
Color	Black
Wheel Size	20 Inches
Frame Material	Carbon Steel
Suspension Type	Front
Special Feature	Foldable
Motor Power	750W (Peak 1300W) Brushless DC
Torque	90 Nm (66.49 lb-ft)
Battery	52V 13Ah (676Wh) Lithium
Assisted Range	Up to 75 miles
Pure Electric Range	Up to 35 miles
Charging Time	5 hours
Maximum Safe Speed	28 mph
Weight	74.9 lbs
Load Capacity	330 lbs
Dimensions (L x W x H)	65.5" x 24.6" x 45.7"
Waterproof Rating	IPX65

Ebike Size



5'2"~6'2"

Recommended Height



330lbs

Max Load



74.96lbs

Vehicle Weight

7. WARRANTY AND SUPPORT

The GOKEEP Electric Bike features GCC, SGS, and UL2849 certifications, indicating it has passed strict electrical, battery, and charger system tests.

Your Safety Comes First

GOKEEP Electric bike features GCC, SGS and UL2849 certifications, which means it has passed the strict electrical battery, and charger systems tested.



For detailed warranty information, technical support, or service inquiries, please refer to the contact information provided in your product packaging or visit the official GOKEEP website.