



# User Manual of Bagibike Electric Bicycles

**Model: Bagibike B16**



<http://www.bagibike.com>

## FOREWORD

The following operation manual is a guide to assist you. This manual is not a complete document on all aspects for the maintenance and repair of your bike. The electric bicycle you have purchased is not a complex object however, it is recommended that you consult an e-bike repair specialist if you have concerns as to your ability to assemble, repair, or maintain this product.

It is important for you to understand the electric bike. By reading this manual completely before the first ride, one will get better performance and enjoyment from this product; also it's helpful to extend the life of the electric bicycle.

This operational manual should remain an integral part of the product. Changes or any copy actions in pictures, specifications and descriptions are strictly prohibited.

Bagibike adheres to the strategy of continuous product development. Therefore, we reserve the right to modify and improve any products described in this manual without prior notice.

## Specification:

Frame	- Aluminum, Folding
Motor	- AKM Rear hub motor, 36V/250-350W
Battery	- Lithium battery - LG 36V/10Ah (min 9.6)
Display	- LCD Model: S886 with Throttle
Wheels and Tires	- 16" x 1.95
Brakes	- V Brake, Tektro
Loading Max.	- 100kg (220 lbs)

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## The Purpose and Benefit of this Booklet

This booklet describes assembly and safe operation of your electric bicycle. Pictures are for reference only and may show the similar component from another model.

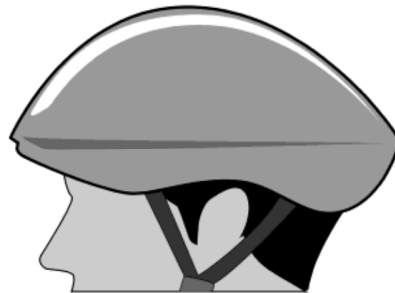
- **Please Read The Entire User's Manual Before Riding Your New Electric Bicycle**
- ***Always Check Bike, Brakes, Tires and Screws/Nuts for Tightness Before Riding***
- Recharge your electric bike before your first ride and after any long distance operation.

## Things you must know before your first ride

Please read this manual carefully before operating your e-bike in order to familiarize yourself with the bike and its different functions.

**Please learn and observe all the road rules while riding your e-bike on public roads, ALWAYS wearing an approved helmet.**

**You must learn the rules in your country before riding.**



**The correct helmet should:**

- be comfortable to the rider**
- be of lightweight**
- have good ventilation for the head**
- fit snugly**
- cover the forehead**

It is your responsibility to familiarize yourself with the laws of the state where you ride and to comply with bicycle laws

Young children, pregnant women and any persons with vision, balance, or other problems that would prevent them from riding a bicycle should not use the e-bike.

The e-bikes are not designed for two riders. Please ensure only one person at a time is riding the e-bike.

E-bikes are for on road or improved trail use only and should not be used for riding rough trails. Damage to the bike may occur if used off road.

Do not operate your electric bike after consuming any amount of alcohol or taking any drugs.

All photos are for general reference only and may differ slightly for each model of e-bike.

- ❑ **NEVER carry a passenger on the Electric Bike!**
- ❑ **NEVER modify the Electric Bike with unapproved accessories.**
- ❑ **NEVER ride through deep water.**
- ❑ **NEVER perform wheelies, jumps or trick stunts.**
- ❑ **NEVER wash your bike with water.**
- ❑ **AVOID riding in the rain for long periods of time.**
- ❑ **AVOID water contact to motor, controller, battery and electric parts.**
- ❑ **ALWAYS keep both hands on handlebars.**
- ❑ **ALWAYS apply brakes lightly when riding on rocks or loose surfaces.**
- ❑ **ALWAYS use caution when going through puddles.**
- ❑ **ALWAYS inspect the Electric Bike before each ride to insure a safe ride.**

## **Attention :**

1. For saving the energy and extending the life of battery, please use pedal for assistance on the electric bike when climbing the slope or meeting windy day.
2. Please read the manual carefully, do not use the electric bike before familiar with its performance. Do not lend it to the one who does not know about its operation.
3. When in the bad weather like rain or snow, the brake distance should be increased. When the electric bikes runs at the speed of 13Mp /h, the wet brake distance should be not longer than 15m. Please adjust the brake frequently, and change the brake pad in time.
4. Check the tightness of the chain. The tightness should be about 15mm. When adjust the chain, loose the rear axle nuts, adjust the chain tightness screw making sure the chain tightness is proper, then tighten the rear axle screw.
5. For the safety of you and other people, cut the power supply when it is not used.
6. Check the air tension frequently. If the air is too less, the resistance will increase, affecting the running range.
7. The electric element can only be cleaned outside, no need to be maintained for the inside. Do not open it by yourself.(If these parts opened by yourself, no warranty for it)
8. It is forbidden to be overloaded for the electric bicycle. If it is overloaded, the electric parts will be damaged.( the plastic parts may deformed for the high temperature, or the fuse socket will be damaged for the high temperature) These are not under warranty.
9. Please cut off the power if there is problem on the electrical parts.
10. Please pay attention to national legal requirements when the bicycle is to be ridden on public roads (e.g. lighting and reflectors)
11. The fasten torque of the fixing screw for the rear rack should be 16N.m.

## Getting Started

First, unpack your electric bike carefully and save all packing material. Be sure to locate your charger, pedals, keys and any small parts like nuts or screws inside the shipping carton. Sometimes small parts like nuts or screws may come loose during shipping so be sure and check the bottom of the carton and protective wrapping carefully. Keep your packing material until you are through assembling your bike and know that it is running properly.

*"Sometimes small parts like nuts or screws may come loose during shipping so be sure and check the bottom of the carton and protective wrapping carefully"*

## Assembly Instructions

This bicycle was fully assembled, inspected and tuned at the factory and then partially disassembled for shipping.

Your bike arrives in the shipping carton about 90% assembled. To ship the bike, the pedals, seat, front wheel and sometimes the handlebar are loosened or removed.

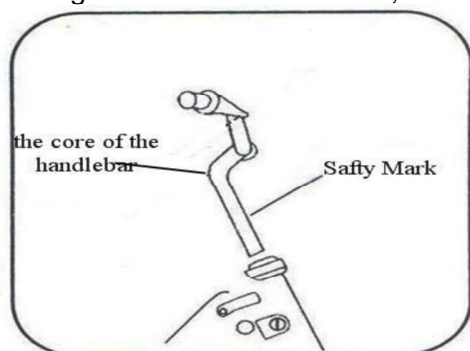
This manual will list all of the steps required for the various models.

The following "basic" assembly instructions will assist in getting the bike ready to ride. If you have questions about your ability to assemble this product, please consult a qualified bicycle technician.

*We recommend that two people work together to assemble the electric bicycle.*

## Attach and adjust the handlebar

Your handlebars have two main parts--the bar itself and the stem. On some models, the stem can be adjusted to tip the handlebar forward or back. If your bar has been removed for shipping, position the bar in the center of the stem and check, to be sure that your grips are in the right place and the angle of the bar is comfortable. Tighten the screws to hold the bar in place, ensuring all brake cables is clear, the suggested torque is about 19.6N.m



*Be sure to check that your handlebars are centered and tight before riding.*

The stem must be inserted to the Minimum depth or lower as indicated on the steer post to insure the safety, see the picture. Tighten the stem screw located on the top of the handlebar stem.

You may adjust the handlebar stem angle by loosening the Allen key screw located underneath the stem. Tighten the stem, adjustment screw securely after positioning the stem angle. The tightening torque between the handlebar and the frame stem should be bigger than 19.6N.m

Check that the forks and the handlebars are facing forward and straight. Stand at the front of the handlebar, vise the front wheel by your legs and hold the handlebar, adjust the handlebar and the body of the bicycle to form an angle of 90degree, see the picture.



### Folding and unfolding the bicycle :



1. Release the retaining catch.
2. Pull the lever.

## The adjustment of the wheel :

After loose the wheel, please adjust it according to the recommend torque. The fasten torque should be no less than 30Nm for the rear wheel, and no less than 25 Nm for the front wheel.



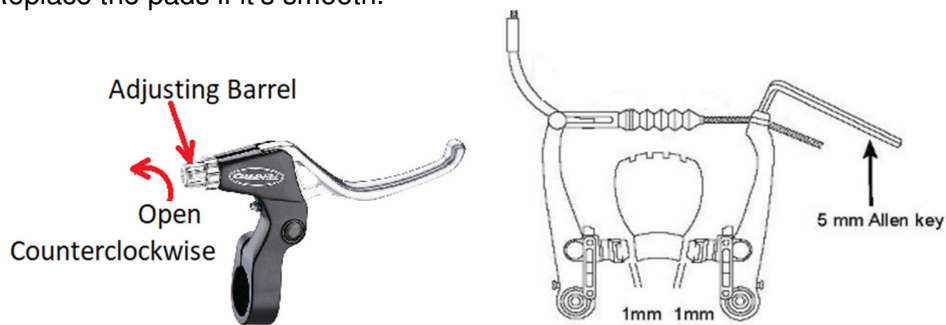
## Brakes

Before riding, check if the brake system is operating correctly.

The brakes in this bicycle are V brakes and should be adjusted if not works properly.

Use the adjusting barrel on the brake lever.

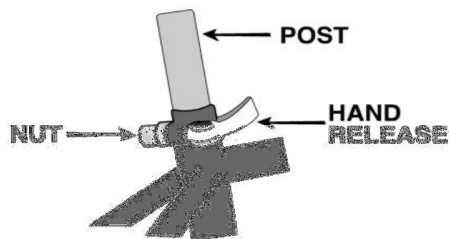
Replace the pads if it's smooth.



## Adjust the Seat

Your seat height is adjusted with either a quick release lever or a nut and bolt. Insert your seat post to at least the minimum insertion line marked on the post. Tighten the adjusting nut by hand and move the hand release lever to the closed position, the suggested torque is no less than 19.5N.m.

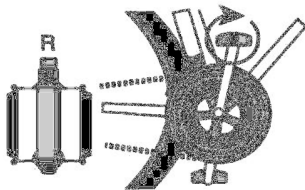
The seat angle is adjusted with the nuts that attach the seat to the seat rail. Ensure that the nuts are tightened firmly and that the seat does not move forward or back while you are sitting on it.



## Attach the Pedals

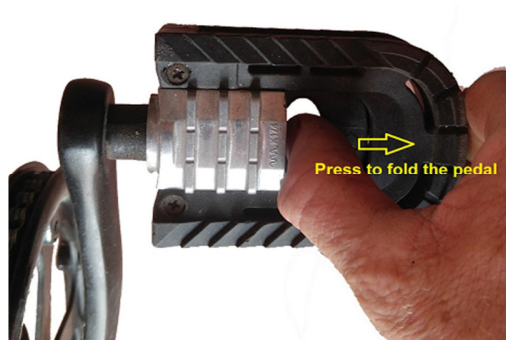
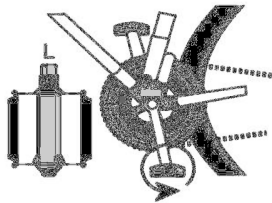
Pedals are marked „L” and „R” on axle end, Screw the pedal marked „L” into the left side of crank and „R” to right.

(1).The right pedal attaches to the chain side crank arm with (clockwise) thread



(2). The left pedal attaches to the other arm and has a left-hand (counter clockwise) thread.

Check your pedals before each ride to ensure that they are tight. If you ride your bike with loose pedals, you may strip the threads that hold the pedal to the crank.

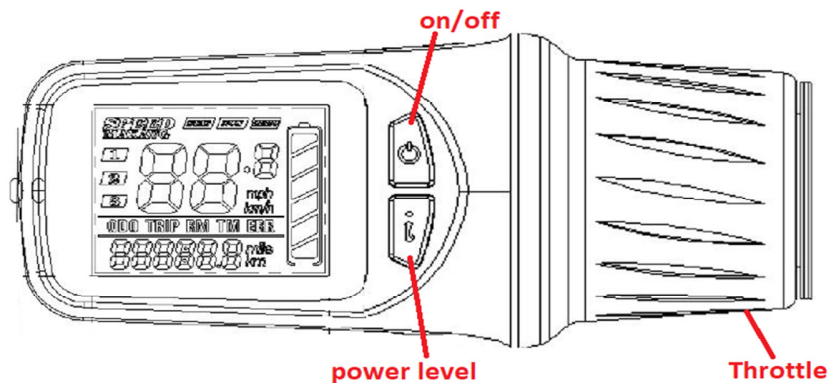






## Operation of Your Electric Bike

*Making sure that the battery is power on By the switch when you ride the electric bike. Keep your hands on the handlebars ready to brake while riding. The motor is cutoff when either brake lever is pulled. If there is Throttle, turn it slowly to speed up. The electric bike is equipped with pedal assist 1:1 sensor which is considered the most efficient way of travelling. This means that the motor will automatically engage to assist you when you pedal. Pedal assist is independent of the throttle. You can pedal and/or use the throttle at any time.*

## Electric Control



1. Turn on the display by long press on button  on/off.

2. Choose the Motor power level by pressing  button.

Level 3=100% power, 2=60% power, 1=30%.

If you choose lower level, the motor will assist you less when you are pedaling, but the battery will give longer distance till it becomes empty.

1 The motor will cut-off when you use the brake levers for safety.

2 The display shows power level, speed, distance, and battery status.

3 Distance and Trip – press shortly on/off button.

***Do not change any other parameters in the display, do not change speed limit more than 20.***

## Battery and Charger

The battery is Li-ion battery with BMS electric protection against overcharging.

***Fully charge your battery pack before your first ride and then after long distance riding.***

***The charging time for empty battery is about 7 hours.***

Plug the charger into the wall, and plug the charger connector to the battery. The green light on the charger becomes Red while charging, and becomes to green when the charging finished.

Keep on charging the battery for 1 hour to ensure that the battery has a longer usage life.

Then unplug your charger from the battery and the wall. (The battery have 500 charging cycles so for long life, it's better to charge when the battery level on the display is less than 2 lines).

***Never open the charger or the battery pack, keep it out from water.***

***Use only the charger that supplied with the bike.***

## Best Practices

Please observe the traffic regulations.

*Keep both your hands on the handlebars ready to brake while riding.*

Pedal a few times when you take off before using the throttle. This will save battery power.

Pedal assist on hills.

The motor will automatically start while pedaling - even without turning the throttle. This is "Pedelec" or "pedal assist" mode and is the most efficient way of traveling.

Don't run your battery dead or extremely low. If you do, charge as soon as you can.

Remember to turn off the key when you stop.

Always remove the key when you are through riding. If left on, the battery will slowly drain.

## Warning:

1. The rated loading capacity for the rear rack is 25kg (55lbs). It does not fit for Children Seat.
2. The total loading capacity should be not over than 100kg (220lbs).
3. The fastener of the whole electric bicycle should be checked frequently.
4. Please put on your helmet when riding the electric bike.
5. If there is no rear rack on the electric bicycle, do not fix the rear rack by yourself.
6. The rear rack cannot draw a trailer.
7. When the goods are put on the rear rack, the reflector or the lights should not be blocked. The goods should be put on the two side of the rear rack evenly.
8. NEVER throw batteries away in the trash. Take the exhausted battery to a federally or state-approved battery recycle center. Call your waste collection service to find out if they offer disposal of batteries.

## Adjustments and Maintenance

Do not dismantle the motor, controller or charger. These parts must be serviced by a qualified technician or approved agent . Contact your local retailer for service.

- Always check the battery status and charge your battery if it's empty.
- Inspect and tighten your front and rear wheel nuts before riding
- Check both brake levers to ensure that your brakes are adjusted properly before riding
- Inspect the chain for free operation.
- Lubricate your chain with bicycle chain lube according to the lube directions.
- Check the tire pressure before riding, the pressure details are writing on the tire side.
- Check and tighten the handlebar and stem bolts if necessary before each ride.

## **12 MONTH LIMITED WARRANTY**

### **PLEASE SAVE YOUR SALES RECEIPT**

The limited warranty as contained herein is exclusive and in lieu of all other warranties express or implied. There are no warranties that extend beyond the description in this limited warranty.

The manufacturer warranties this product, including the batteries, motor, controller to be free of manufacturing defects for a period of 12 Months from the date of purchase by the receipt date.

**This limited warranty does not cover the normal wear and tear, tires, inner tubes, cables, chain, wires, cables, broken parts, or any damage, failure, or loss caused by any person after the bicycle assembly, set up, storage, or maintenance. Any changes on this bicycle are not allowed.**

**Damages that caused by water, corrosion, also are not covered by this warranty.**

This warranty covers normal use only. It does not cover the product due to misuse, neglect, accident or seller service.

Any attempt of repair done by the consumer (other than tires and normal adjustments) will void the warranty.

***The serial No. of the bicycle and the battery should be written in the receipt.***

**Serial No.** \_\_\_\_\_

**Battery No.** \_\_\_\_\_

**Date of purchase** \_\_\_\_\_

[www.bagibike.com](http://www.bagibike.com)  
[info@bagibike.com](mailto:info@bagibike.com)

2665 S. Park Lane, Hallandale Beach, FL 33009  
Phone: (240) 217 8444