

# BF-eBIKES

Owner Manual For

BF i-Ezi

Folding e-Bike



## Introduction

You made a sound decision purchasing this bike. Quality remains long after price is forgotten. Look after your investment. Electric bikes were never intended as racing bikes; they simply make the ride easier, thus allowing you to travel further with ease. This bike is designed for paved road use. Try to avoid rough surfaces; don't ride over curbs or steps.

## Safety summary

- Only switch power on when you are seated on the bike.
- Before dismounting be sure bike is switched off or power assistance level turned off (no lights)
- Never allow the charger to get wet
- Before riding ensure you are familiar with the operation of the display.
- Both brakes on this electric bicycle have a motor cut out feature
- When mounting the bike or moving the bike, ensure the display is switched off

## e-Bike safety tips

Please read this manual carefully before your ride. If you are confused by any of its contents, contact the seller.

1. Check steering stem locking ring engaged



Steering stem safety ring engaged into locking lever

2. Check centre frame locking tab engaged



Safety catch engaged with lever.



3. Set seat height to suit your cycling ability
4. Do not consume alcohol or take medication causing drowsiness before you ride
5. Do not carry other things in your hand or release both hands during riding
6. Do not ride the bicycle if a fault arises
7. Choose original equipment BF e-Bikes parts for replacement
8. Do not carry a passenger unless it is an infant in an approved carrier
9. If road conditions are slippery avoid using front brake and set pedal assist to minimum
10. Only switch Display on when you are mounted on bicycle. Switch off before you dismount
11. Apply brakes when mounting and dismounting. This keeps bike steady and prevents the motor from operating
12. Ride safely and always wear an approved bicycle helmet and always obey local road rules and legal guidelines

## **e-Bike Set Up**

### **Rim caliper brakes (front)**

Adjust as necessary so brake shoes are square with wheel surface and are not rubbing on wheel or tyre during rotation. Around 1-2 mm clearance is ideal. Fine adjustment can be made at brake lever on handlebar.

### **Ring brakes (rear)**

There are 2 adjusting points, one on the lever and one on the brake cable bracket. Adjust so that brake is not engaged during rotation. Fine adjustment can be made at brake lever on handlebar.

### **Gear adjustments**

It is recommended you have a bicycle workshop assist you with the adjustment of the gears. The BF i-Ezi has internal gearing (gears 1 to 3 only).

**Inflate tyres** between 45 and 55 psi. The heavier the rider, the more tyre pressure is required and maintain by checking once per day. Correct tyre pressure is critical to the performance and safety of the bike.

## **Battery Charging**

The charge port is accessed through the small hole on the side of the bike frame close to the base of the seat. The access point is covered by a rubber cover. The bike generally arrives near fully charged. Follow charging instructions provided with the charger carefully. Charge (top up) the battery prior to first use:

- Always have charger **switched off** before connecting to bike. Only turn on when charger cable is plugged into the battery.
- The LED will turn **red** when charging then **green** when fully charged. It is recommended to switch off charger once charged
- Do not drop the charger as it contains sensitive electronics and damage may result
- Do not cover with any material or substance that may restrict airflow into or around the charger. The charger needs to be kept cool
- Do not try to keep your battery fully charged all the time. If you travel 10km per day, charge every 3 to 4 days.
- Do not leave the battery discharged for long periods. This will damage the battery
- Charge only in a cool well-ventilated area. Never cover charger or allow it to get wet
- Never open the charger or change settings on charger
- Avoid operating the charger for more than 8 hours
- Avoid leaving charging unattended
- Avoid leaving batteries in a hot car for extended periods



## Maintenance Schedule

### Weekly

- Check brakes for alignment of pads and wear.
- Check brake cable tension.
- Check tyre pressure.
- Check tightness of front handlebar stem.
- Check tightness of wheel nuts/quick release
- Check battery status via charge light on charger and on bike
- Check pedal tightness on crank.

### Monthly

Most checks can be performed by the owner, but some adjustments need to be performed by a qualified person:

- From initial purchase check after the first 50km, check spoke tightness (squeeze 2 at a time between fingers) If some are loose, arrange adjustment by a qualified bicycle mechanic.
- Lubricate chain with bicycle chain lube
- Check front and rear brake adjusting screw. Ensure wheel turns freely
- Check seat clamp tightness
- Check brake pads for wear and replace in necessary
- Check all wheel nuts and tighten
- Check crank bolt tightness

### Annually

- Replace brake pads if necessary
- Tighten spokes and true wheels

Note: the fuse for the bike is located inside the controller compartment. Use only the same amperage fuse as supplied with the bike.

## Warranty

This warranty is provided by The Virtual GIS Group Pty Ltd ABN 66 075 488 087 trading as Blind Freddy Electric Bikes (BF e-Bikes). We are located at Shop 4 302 South Pine Rd, Brendale Qld 4500

BF e-Bikes provides this warranty against manufacturing and material defects from usage which would be considered normal recreational applications. Warranty is for parts only and does not include labour or shipping costs associated with repair.

- Battery: 2 years pro rata (12 months full replacement then pro rata for the 2nd year)
- Frame and other non-consumable components (for details see below): 2 years from date of original invoice
- Shimano genuine components: 2 years subject to Shimano worldwide warranty terms

### **BF e-Bikes Warranty conditions**

At the discretion of BF e-Bikes, components may need to be returned for testing and inspection. Prior approval for repair must be gained by BF e-Bikes before repair is undertaken. Repair must be carried out by BF e-Bikes authorised repairer or an agent nominated by BF e-Bikes. Transport charges will apply to replaced or repaired product if shipping is required in either direction.

Warranty is not transferable. Warranty period does not recommence from date of product replacement or repair. BF e-Bikes fully complies to terms and conditions for consumer goods under Australian consumer law.

**Warranty details** - Labour & shipping costs for repair are excluded from warranty. Warranty is for replacement parts only.



**Frame & non-battery components warranty:** Frame is warranted to be free of manufacturing and material defects for 2 years from sales invoice.

**Electric items:** Battery warranty is for full replacement within first year and pro rata for 2nd year only. A reduction of 30% capacity within 12 months is not considered a fault. Exclusions are water damage, physical damage, incorrect charging and power surge. Damage resulting from collision or rough handling is not covered under warranty. Motor, charger, controller and throttle claims require the item to be returned for inspection and testing prior to replacement or repair.

**Shimano components:** Shimano components carry a 2-year worldwide warranty for manufacturing and material defects.

**Drive train, Wheels, Steering and General items:** The following items carry a two-year warranty for manufacturing and material defects from purchase date:

- wheel rims & spokes
- hubs and crank set
- front forks
- seat and seat post
- handlebars & head stem
- bottom bracket & kick stand

Damage resulting from collision or rough handling is not covered under warranty. Other components are considered consumables and are not covered by warranty.

**Wear and Tear Exclusions:** Tyres, tubes, valves, lights, brake and gear cables, chain and sprockets, handlebar grips, brake pads.

**Usage Exclusions/Restrictions:** Stunting and jumping, commercial use without prior approval by BF e-Bikes, riders including luggage exceeding max weight limits, third party modifications, fitting of non-genuine spare parts, use of non-genuine BF e-Bikes battery charger, any labour costs associated with repair of warranted items or any shipping costs to get items to/from BF e-Bikes Brendale workshop.

#### **How to make a warranty claim for products sold by Blind Freddy e-Bikes:**

- Firstly, contact us and describe the issue. It is possible that the issue can be remedied over the phone. If not, find a copy of your original receipt as this will be required.
- If possible, please return the bike to Blind Freddy e-Bikes for initial inspection. If then deemed appropriate for warranty repair or replacement, BF e-Bikes stocks a wide range of spare parts for products imported by our company. We will assess whether a suitable replacement is available and advise timeframe for repair.
- If unable to return to our store, please contact us so we can perform a high-level interrogation to determine if you require assistance from a repairer with bike mechanic diagnostic services or e-Bike services.
- Where possible, we will help locate a suitable bike repairer or an authorised BF e-Bike repairer for inspection. If then deemed appropriate for warranty repair or replacement, BF e-Bikes will liaise with the repairer to supply spare parts for products imported by our company. We will assess whether a suitable replacement is available and advise timeframe for supply & repair.
- Where parts are for products sold but not imported by BF e-Bikes, we will contact the distributor and confirm if the issue is covered by their warranty. Any parts subject to replacement under warranty will need to be sourced from the distributor, if required. Blind Freddy e-Bikes labour and shipping will not be covered unless prior agreement is made with the distributor. All work will be carried out according to the warranty conditions above.

**Bikes, trikes or scooters sold prior to 12th November 2019 are covered by Blind Freddy Pty Ltd ACN 122 439 605 and the warranty held by the previous owner.** We will contact the organisation for you but cannot be held responsible for the warranty cover. Labour and shipping will be at customer's expense.

**Please keep your original invoice to confirm date of purchase.**



## Folding procedure, starting from fully open, riding position:

### To Fold Position 1:

- Turn off main switch to the battery on side of frame
- Fold pedals closed by pushing the pedal in towards the frame and rotating the pedal downwards. (NOTE: keep fingers away from the hinge mechanism as you can get pinched. Keep the palm of your hand on the outside of the pedal, push the pedal in and down)
- Standing on right hand side of the bike, rotate cranks so right-hand crank is at 4 o'clock
- Release tab below seat close to wheel (black tab) and lift from the seat to make back of bike swing underneath



### To Fold Position 2:

- Lift black tab on hinge mechanism to release the cam clamp located on frame



- Lift up safety catch on the centre frame clamp



- Grasp the clamp and draw it towards yourself (commences the opening position)
- Make sure handlebars still facing forwards as if riding and continue the fold all the way back keeping the front wheel straight so front wheel meets rear wheel
- (Tilt bike backwards to enable front wheel axle nut to tuck in behind the rear wheel)





- Release the black plastic tab and then the head stem clamp at base of the handlebar stem and allow the handlebars to lay down, being careful to tuck the cable to the inside towards bike frame so it does not bow outwards and secure with bungy strap
- (Bike can be transported in a similar way to a roller suitcase, using the rear small carriage wheels. The BF i-Ezi can be covered with its nylon case and taken onto public transport in this state)



### Fold Position 3:

To fold the BF i-Ezi to the smallest format for storage or transportation in caravans:

- Release frame hinge latch and fold bike, positioning the rubber axle cap against the front fork between the axle cap and fender stay
- Secure the frame with a bungee cord or strap
- Remove the seat post and stow between wheels



**Note:** When unfolding the BF i-Ezi make sure that the frame lever is **not** closed into towards the frame as shown in the photo. as shown in the photo. Always ensure the lever is hinged out, away from the frame.





The lever can push against the battery pins which will bend the pins and prevent the frame from closing.

**Operation of speed control:**

The display for the BF i-Ezi is compact and simple to use.



- Operate the ON/OFF button to use the power assistance system. If not turned on, the PAS will not be engaged.
- The 4 lights between empty and full reflect the status of the battery charge. Refer to the battery performance sheet to achieve optimum outcomes with your battery. You should get at least 50km distance on one full charge. Do not store your e-Bike fully charged.
- Power assistance is achieved by toggling the power levels using the + and – buttons. The BF i-Ezi comes with 6 power levels:
  - Flashing low      Level 1
  - Solid low        Level 2
  - Flashing med    Level 3
  - Solid medium    Level 4
  - Flashing high    Level 5
  - Solid high        Maximum power assistance up to 25km/hr
- Power assistance is only activated when pedalling (pedelec) and this is a legal requirement in Australia.
- Walk assist (no pedaling required) can be activated by pressing and holding the + button on the display for at least 3 seconds. The motor will start and run at 6 km/hr. Operation only continues while the + button is depressed. This feature is useful if needing to transfer up hills and pedalling is not possible.

