



Thank you for purchasing the BYO-FOLDING
Please use this product accordingly, following the safety and instruction manual
We advise you keep the manual in a safe place for future reference

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Congratulations on receiving your new Byocycle. Please read through this manual carefully before taking your bike out on the road.

The first step is to fully charge the battery before taking your bike out on the road. So, put that on charge now and while it is charging you can read through the rest of the manual.

> Please read through the instructions carefully before using. Do not ride your bicycle until you have read through and understood this owners manual. It contains important information critical to your safety. If you have any questions about the operation of your Byocycle then please contact your authorised dealer. It is extremely important that you follow the safety guidelines contained in this manual in order to ensure maximum safety. If you loan your bike to a friend or family member then please ensure they understand the safety instructions

> It is the owners responsibility to carefully read all of the contents of this manual and to comply with all law pertaining to the operation of bicycles and/or electric bikes in your local jurisdiction. If you are unsure of what these may be or have any questions then please contact your local police station.

> When using your Byocycle the load should be no greater than the maximum capacity.

> Please take extra care and caution when riding in snowy or rainy conditions.

> Your Byocycle should not be submerged in water due to the electronics, this will cause a short circuit and damage the electronic apparatus

> The exposed metal battery box is positive and electronegative electrode and cannot be touched with wet hands or any other kind of metal, this will also cause a short circuit and damage to the electrical components

> You should safeguard your battery to ensure its continued high performance. It should be recharged after every use. The normal full cycle battery life is about 1000 cycles or recharges after which, the storage capacity of the battery will gradually decline. If it is not fully discharged and is recharged the service life of the battery will remain at the maximum. The battery supplied is a top quality lithium battery specifically designed for this Byo-Tricruiser

> With proper care, maintenance and attention to bicycle safety rule this Byocycle will give you years of enjoyment.

Important Information

- > You should ensure you fully charge the battery before your first use - Failure to do this can result in decreased battery performance for the life of the bike. Fully charge the battery each time you use the bike.
- > Frequent braking and starting, riding uphill, travelling against a strong wind, starting from a standstill and riding on rough or muddy roads will consume extra battery power and shorten the range
 - TIP: Braking - Try to look ahead and coast than stop and go frequently
 - Riding Uphill or Against a wind - Pedal to supplement the battery power
 - When starting from a standstill - use the pedals to help bring you up to speed
 - When the battery life is showing as low pedal to avoid using the battery and potentially shortening the battery life
- > If you are storing your Byocycle then remove the battery from the Tricycle and recharge once a month.
- > Your electric bike can be used in rain, however, it must not be submerged in water or puddles. The controller, batteries, motor and other electrical devices may be short circuit causing damage and created possible dangerous situations.
- > Do not use charger or components other than that which is approved by your authorised dealer
- > The battery chargers contain sensitive electronics - Improper use or sudden jolts can damage the charger and its internal electronics.
- > Always turn off the motor and remove the key from ignition before and during charging to prevent serious damage to the controller and the battery

Charging Batteries

It is very important that the battery is charged after every use to extend the total life of the battery. Once the charger indicates that the battery is fully charged, unplug the power source from the bicycle and plug from the electrical outlet and store in a cool, dry place.

Do not leave the battery plugged in for very long periods of time as this can result in the battery being damaged. A normal full charge of the battery should take no longer than 5-6 hours.

How to Charge the Battery

- > Turn the key to OFF and remove the key from the battery
- > Insert the plug of the charger into the charging socket of the battery box
- > Insert the charger into a wall outlet, a red light should now appear.
- > Leave the battery charging for 5-6 hours
- > When the light on the charger turns green, this means your battery is charged
- > Be careful not to charge for more than 10 hours as this may cause damage to the battery
- > The charger will become warm whilst charging so be sure not to place it next to any flammable materials.
- > You can charge your battery either attached to the bike or on its own.
- > Always charge your bike in a dry and clean place, keep the charger dry and clean

Precautions whilst Charging the Battery

- > Using the power source incorrectly or leaving the charger connected to the bicycle and an outlet for an extended period of time may result in a fire.
- > Always use the charger as per the instructions provided
- > Do not use any other charger than the one provided with your electric bike
- > Do not attempt to open or make any amendments/repairs to the battery
- > Avoid any contact with water when handling the battery
- > Do not touch the two poles of the battery with your hands when removing it for charging, please also avoid any other metals touching the battery as this may cause a short circuit
- > Please keep out of reach of children
- > Do not place anything on top of the charger or battery whilst they are charging
- > If you do not use your bicycle for a long period of time then please ensure you charge the battery on a monthly basis.
- > Do not continue to use the battery when it is at a low level, switch to the pedals and recharge as soon as possible

Riding Tips

- > Before riding, make sure that the battery is fully charged
- > Check that the air pressure in the tyres is normal
- > Check that the front and back brakes are working
- > Check that the front and back wheels are securely fastened
- > Check that the seat and handlebars are also securely fastened
- > It is best to accelerate slowly and not go to maximum speed instantly, this would cause distress to the electrical components.
- > The hand brakes slow the bike mechanically with the disc brakes and cuts the power supply from the battery.
- > While starting or climbing, pedal as much as possible so the battery power will not drain quickly
- > Pedalling will lengthen the life of the battery and motor
- > If the battery indicator shows low you should begin to pedal and then recharge your battery as soon as possible
- > Turn the OFF and remove the key when parked.
- > Only turn the battery to ON once you are on the bicycle and ready to go, if not you may touch the accelerator while pushing or moving the bike and initiate the battery and the bike will jump forward possible causing you to injure yourself.

Maintenance

Wheels

The wheels should be centred in the fork or dropouts, if you hear any irregular noise from the wheels then take to your nearest authorised dealer to have them looked at and possibly repaired. The wheels should rotate smoothly without wobbling from side to side, if this happens, please ensure they are fastened correctly. You can check the bearing play of the hubs by lifting the bicycle and spinning the wheel, it should continue to spin for several times after you have stopped spinning manually.

To check the play of the hubs try to move the rim from side to side between the forks, no substantial play should exist. If you detect play or if the wheel is difficult to turn, the bearing must be adjusted or replaced. Please contact your local bicycle dealer to have the hub bearings adjusted or new bearings fitted.

Throttle

Your throttle is on the right hand side of your handlebars. It is a variable speed throttle. To increase the speed turn the throttle towards you (counter clockwise) while seated on the bike. There is an automatic SHUT OFF of the throttle on the brake levers, every time the brake lever is pressed the power will automatically shut off.

Rims

The rims should be smooth and without cracks, breaks or bulges

Spokes

Check the tension of the spokes regularly, the same tension should apply to all spokes, if there is some minor loosening of the spokes you may need to tighten the nipples but we do recommend you take it to a local dealer. If there is a loose spoke or the rim has side play of more than 4mm, we recommend you immediately take your bike to a local bike dealer to be repaired. Riding with loose spokes will cause the wheel to fail

Tyres

Inflate your tyres to the pressure embossed on the sidewall before use. Every time you ride make sure the tyres are inflated according to the psi as stated on the sidewall of your tyre. Improper tyre pressure will make riding more difficult, cause excessive wear and premature failure of the tyre. The tyre should be properly seated in the rim and the fitting of the tyre bead should be checked. If the tube is pinched between the rim and the tyre it will fail when inflated. Make sure the tyre is not cracked or worn unevenly. Check the tyres for bulges. Check and make sure that the valve stem is straight in the rim. Irregular tyres should be replaced immediately.

Handlebar and Display

The handlebar has been created with the display so you can easily see it while riding. To straighten the handlebars turn the stem binder bolt to loosen it and straighten the handlebars so that they are level with the front wheel. Once straight tighten. Loose or damaged grips on your handlebars are dangerous. If your grip comes off you could lose control of your bike.

Brakes

Riding with brakes that are worn or damaged, or with worn cables or wheels that are in poor condition may result in losing control of your bike. Wet weather may hinder your brake performance so please take extra care in these conditions. Before each ride check to make sure your brake cables are free of obstacles and are working properly before operating the bike.

Power On/Off

The power is located on the top of the battery box on the side of your bike. It has an ON/OFF and light position. When the key is turned to ON the battery display is turned on and when the key is turned to LIGHT the lights will be turned on. Models with a separate light switch have the same function in the ON/LIGHT positions.

Batteries/Fuse

Your 36v bike has 2 12v batteries hooked up in a series. These are in the protective case with a handle to enable you to easily take these on and off your bike. There is a locking key to lock these batteries to your bike to discourage theft.

Do not attempt to open any of these lithium batteries, doing so may cause chemical, electrical or fire hazards.

Change the lubricating grease on the front axle, back shaft and pivot etc once every 3 months. Have the engine oil after the roller chain is washed with petrol every 3 months, Pour a small amount of engine oil every 6 months into the brake cable pipe