

Instruction Manual

Le:sure Electric Bicycle

Please take time to record the following information:



Recording Your Serial Number

Bike Serial No: _____

Battery Serial No: _____

Model: _____

Color: : _____

Date of Purchase: _____

Distributor: _____

Contact: _____



Please use this product according to the instructions.

Introduction

Dear Customer,

Before using this ebike please take time to read this manual.

It is the Owner's responsibility to carefully read all of the contents of this manual and to comply with all laws pertaining to the operation of bicycles and/or electric bicycles in your local jurisdiction. If you have any questions consult with your local office for clarification.

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- ▶ These electric bikes are not classified as motor vehicles; however, to drive them on the roads, various countries have differing laws.
- ▶ We have worked hard to provide you a quality product, well designed, and without defects. You too have a part to play..... with proper care, maintenance and attention to bicycle safety rules, your ebike will give you years of enjoyment.
- ▶ Do not ride this bicycle until you have read and thoroughly understand the owner's manual. It contains information critical to your safety. If you have questions about the operation of this electric bicycle, consult your authorised dealer. It is extremely important that you follow the safety guidelines contained in this manual in order to ensure your maximum safety. If you loan your bike to anyone make sure they also know how to operate it safely.
- ▶ When using, do not exceed the maximum user weight of 120 KG and please be aware of increased braking distances during inclement weather conditions.
- ▶ This E-bicycle is fine to use in the rain and snow, however it is not advised, to ride through puddles deep enough to submerge the rear electronic hub as this will cause short circuitry and damage to the electric apparatus.
- ▶ The exposed metal contacts on the battery box are both positive and negative; therefore do not touch at the same time with wet hands.
- ▶ If the battery is damaged because it has been dropped somewhere or because of a biking accident, there might be a risk of electrolytes leakage. Beware of chemical burns! And immediately stop using a damaged battery.

CAUTION! Fully charge the batteries before the first use!

Safety Precautions

- ▶ Safeguard your battery to insure continued high performance. It should be recharged after each use. The normal full-cycle battery life if it is continuously discharged and re-charged is about 800–1000 cycles or recharges, after which the storage capacity of the battery will gradually decline. If it is not fully discharged and is recharged regularly, the service life of the battery will be at its optimum. The batteries supplied are the top quality Ternary Lithium Batteries specifically designed for this vehicle.

CAUTION! Fully charge the batteries before the 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.

- ▶ Battery performance is affected by the temperature, and is generally more efficient in warmer temperatures. When the temperature drops below 0°C, the battery current may decrease by a third. Consequently the travel range on a full charge in cold environments is much less.
- ▶ Frequent braking and starting, riding uphill, traveling against a strong wind, starting from a standstill, riding on rough or muddy roads, carrying more than one person and/or heavy loads will consume extra battery power and shorten the range. A few tips to prolong the battery life during these conditions are as follows:
 - ▶ Frequent Braking – try to look ahead and coast rather than stop and go frequently.
 - ▶ Riding uphill or against a stiff 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 meter indicates the voltage is low, switch to manual power and avoid using the battery so you don't shorten the battery life.
- ▶ If the battery is being stored, remove the battery from the bicycle and recharge it every month.



Always turn off the power and remove the key from the battery before and during charging to prevent damage to the controller and to the batteries!

- ▶ This electric bicycle can be used in the rain, however, **it must not be submerged in water or puddles** – the controller, motor and other electrical devices may be short circuited as a result.



DO NOT use chargers or other components that have not been approved and tested by Pro Rider. Pro Rider is not responsible for damages caused by the use of other products not specifically designed and tested for use with this electric bike.

- ▶ **Battery Chargers** contain sensitive electronics. Improper use, dropping, or sudden jolts can damage the charger and its internal components.

Assembly Instructions

Carefully remove the bike from its box.

Install the handlebar



Use inner hexagon tool loosen the stem cover and do not tighten all bolts immediately before adjusting the handlebar in a property angel and position, then tighten.

Front Wheel Assembly

Put the front wheel into the front fork



Remove the nuts from the front axle. Slide the wheel into the slots at the end of the forks. If your E-bike is equipped with a disc brake, make sure the disc for the brake slides into the front brake caliber cleanly. Replace nuts and check that the wheel is centered into the fork and the disc is free in the brake caliber. Insure the wheel turns freely. Tighten the nuts with a spanner. **Do not over tighten.**

Install the lamp



a: Take the screw from the fork, b: Open the lamp c: Install the lamp and tighten.

Seat Post Assembly

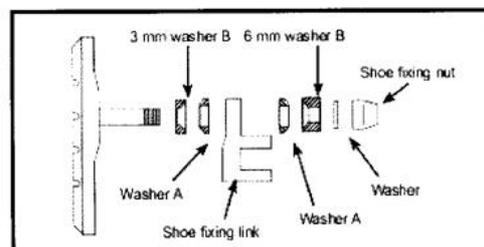
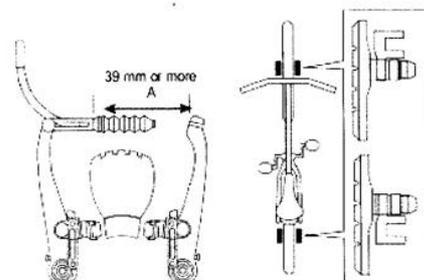
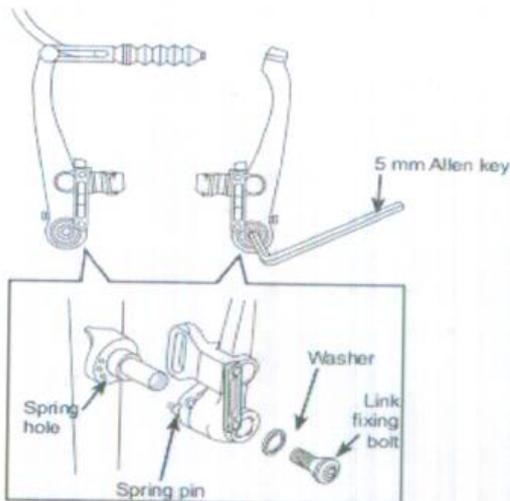


Seat Installation: Insure the mounting clamp is mounted on the frame over the hole on the seat. Slide the seat base into the hole and adjust to the desired height. Push down the lever on the clamp to secure the seat in the mounting hole.

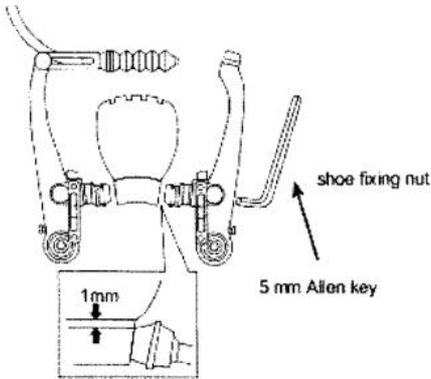
V Brake adjustment

If fitted with V-brake, insert the brake body into the center spring hole in the frame mounting boss, and then secure the brake body to the frame with the link fixing bolt.

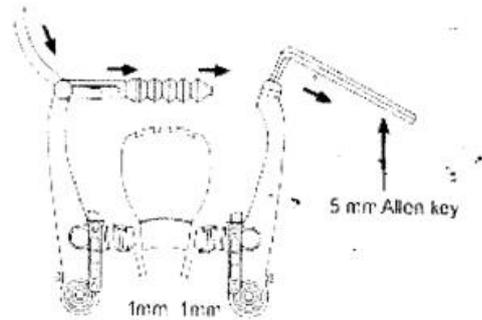
While Holding the shoe against the rim, adjust the amount of shoe protrusion by interchanging the position of the B washers. (i.e 6mm and 3mm) so the dimension A is kept at 39 mm or more



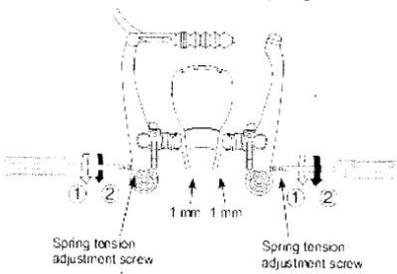
While holding the shoe against the rim, tighten the shoe fixing nut.



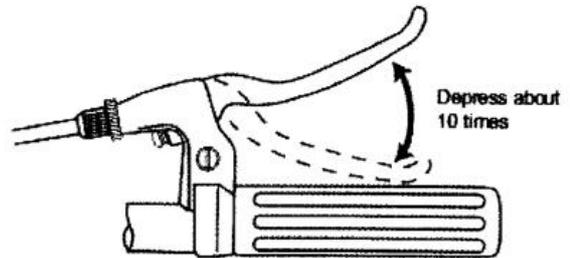
Pass the inner cable through the inner cable lead. Set the Cable with a clearance of 1 mm between each brake pad and the rim, tighten the cable fixing bolt.



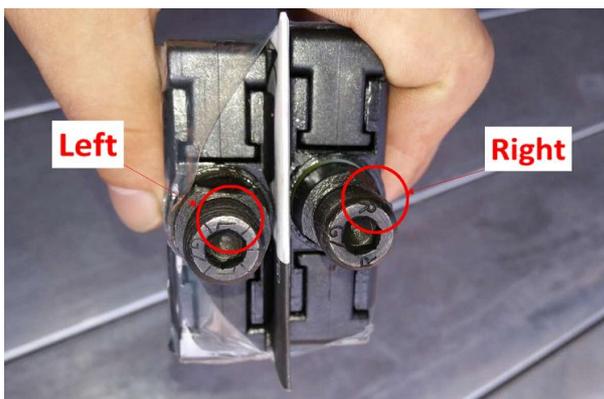
Adjust the balance with the spring tension adjustment screws



Press the brake lever about 10 times as far as the grip to check that everything is operating correctly and that the shoe clearance is corrected before riding the bike



Pedal Assembly



L or R on the pedal axle.

L means left pedal.
R means right pedal.

Tighten clockwise for the right pedal and anti-clockwise for the left pedal.

Congratulations you have now assembled your ebike!

Charging instructions

1. Out of the box, the battery is only semi-charged. Charge to its full capacity before first use.
2. Put the female plug of the charger into charging socket of the battery box. Insert the male end of the plug into the outlet. The power is on when the indicator lamp of the charger is on. It is charging when the indicator light is red.
3. When the light turns from red to green, the battery is fully charged.
4. After the green light is on, the charger is in “trickle charge” and will charge slowly and maintain the charge.
5. Charging time over 10 hours is prohibited. Please put off plug from wall socket and keep the charger away from high temperature environment and store it in a cool place.

Charger Kit

Matched Standard charger (plug) and Lithium Battery



Caution:

1. Please make sure that the voltage in your country is suitable for the charger’s input/output requirements.
2. Please ensure the ebike power switch is off and the key has been removed before charging.
3. This charger is recommended for **INDOOR** use only.
4. When charging, please try to place out of reach of children.
5. Charger repairs should be carried out by a qualified technician – **Do Not Attempt to Repair Yourself.**
6. Do not touch the two electrodes on the battery by hand.
7. When the bike is not in use, charging the battery is still recommend at least once every month; for a minimum of two hours each time.
8. Do not use non Pro Rider recommended chargers.
9. Only use this charger in a dry, clean, well ventilated environment out of direct sunlight.
10. Do not shake or hit the battery violently.
11. **Do Not Open** the battery casing this will void your Warranty.
12. The charger should only be cleaned with a dry cloth. Never use a wet cloth, oil or any other liquid.

Operating instructions



1. You could use thumb shifter or use pedal to start
2. The left brake lever controls the front brake, and the right brake controls the rear brake.
3. Maximum load for this bike is 120 KG, (incl: load on rear carrier)
4. The rear carrier is not suitable for installing baby chairs and trailers. Please check the condition of the bolts on the rear carrier for 'wear and tear' on a frequent basis and make sure they are well fastened.

Riding Tips

1. Before riding, check to make sure the battery is fully charged, that the air pressure in the tyres is normal, and make sure the front and back brakes are working properly. Check the tightness of the front and back wheel, handlebar and that the seat is fastened tightly enough.
2. When climbing steep hills a certain amount of pedalling is advisable so as not to drain the battery power too quickly.
3. It's a good idea to remove the battery key when leaving the bike unattended.
4. We recommend the wearing of safety helmets at all times while riding this bike.
5. Obey all traffic laws relevant to the operation of bicycles and electric bicycles.
6. Only one person at a time is permitted to ride this bike.
7. This bike is for use on public roads and pavements only – try to avoid 'Off Roding' and rough terrain.
8. Please avoid deep puddles.
9. KEEP both hands on the handlebars at all times.
10. DO NOT hang objects on or under the handlebars
11. DO NOT brake suddenly in the rain or on slippery wet surfaces.
12. USE extreme caution when near other vehicles. Assume they do not see you, and be careful at junctions and when starting from a stopped position.
13. Wear bright clothing to help make you visible to other motor vehicles.
14. Do not wear loose clothing that can become caught on the bicycle.

Maintenance

- ▶ **Wheels:** Wheels should be centred in the fork. If you hear any irregular noise from the wheels or brakes, the wheels should be checked and repaired. Regularly check the spokes of the wheels for tightness and rim alignment. The wheels should rotate smoothly without wobbling from side to side. Check the bearing play of the hubs by lifting the bicycle and spinning the wheel. It should continue to spin for several turns after you stop spinning. 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 bearings must be adjusted or replaced. Please contact a local bicycle dealer, to have the hub bearings adjusted for new bearings.
- ▶ **Rims:** The rims should be smooth and without cracks, breaks or bulges.
- ▶ **Spokes:** Check the tension of the spokes regularly. About the same tension should be on all the spokes. If there is some minor loosening of the spokes, you may tighten the nipples, but it is recommended that you take it to a bicycle shop. If there are loose spokes or if the rim has side play of more than 4mm, immediately have the wheel trued by a bicycle engineer. **Riding with loose spokes may cause the wheel to fail!**
- ▶ **Tyres:** Inflate your tyres to the pressure embossed on the sidewall before use of your new bike. **Every time you ride, make sure the tyres are inflated according to the pressure on the sidewall.** 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 and rim bead should be checked. If the tube is pinched between the rim and the tyre, it will fail when inflated. Make sure that the tyre is not cracked or worn unevenly. Check for bulges. Check and make sure that the valve stem is straight in the rim. Irregular tyres should be replaced immediately.
- ▶ **Handlebar and Display:** We have created the handlebar display so that you can easily see it while riding. Loose or damaged grips on your handlebars are dangerous! If your grip comes off you could lose control of your bicycle.
- ▶ **Brakes:** Riding with brakes that are worn or damaged, or with worn cables or wheels in poor condition may result in losing control of your ebike. Wet weather hinders the brake performance. You need more distance to safely stop in the rain or in a wet or icy conditions. Before each ride, check to make sure your brake cables are free of obstacles, and are working properly before operating your vehicles.

- ▶ **Batteries:** There is a locking key to lock your battery onto the bike frame to discourage theft. **Do not attempt to open any of these batteries in any way!** Doing so may cause chemical, electrical, and/or fire hazards.
- ▶ Lubricating the front axle, back-shaft and pivot etc. once every three months. Oil the bike chain and brake cable pipe at least once every month.

Troubleshooting

Problem	Solution
The switch is turned to the "ON" position, but the E- bike does not work.	Check whether the battery and battery box seat are lined up, and whether the battery box is locked. Check the fuse.
After stopping, the bike doesn't restart.	Check whether the brakes are stuck.
In 'Power mode' the bike runs slowly	Check to see if the battery is fully charged.
The Charger indicator is dimmed and doesn't appear to be charging correctly.	Check whether there is electricity to the charger.
A yellow light is illuminated on the charger while charging.	Check whether the plug end of the charger has been inserted properly.
If the above doesn't solve your problem or if your particular issue isn't listed here, then call the Service department for assistance.	