

User/ Product Manual

PRODUCT USE AND CARE INSTRUCTIONS



SQUIGGLE BIKE

ITEM NO.: LME-BB1

Before riding, please read this Product Manual carefully and abide by all Security Warnings and Precautions. It is important to understand the use of this product and maintain LME-BB1 in accordance with this manual.



WARNING!

- Squiggle LME-BB1 is an electric balance bike for children ONLY
- Squiggle LME-BB1 must be assembled by an adult
- In order to avoid dangers that are caused by collisions, falls and loss of control, please learn how to ride the Squiggle electric balance bike safely.
- You can learn riding skills by reading this product manual.
- This manual includes all operating instructions and precautions. Users must read carefully and follow the instructions. All users are responsible for any consequences that are caused by violating warning contents or prompt operations. We shall not be liable for incidental and consequential damages.
- This Instruction sheet has to be kept since it contains important information about your product.
- To reduce the risk of injury, adult supervision is required at all times. Never use in roadways, near motor vehicles, on or near steep inclines or steps, swimming pools or other bodies of water; always wear shoes, and never allow more than 1 rider.
- Only use the battery specified by the manufacturer
- The Squiggle Electric bike should be used with caution since skill is required to avoid falls or collisions causing injury to the user or third parties

Content

| | |
|---|----|
| 1. BEFORE USING..... | 2 |
| 1.1 Riding Risk..... | 2 |
| 1.2 Preparation Before Riding..... | 2 |
| 1.2.1 Prepare install the electric balance bike..... | 2 |
| 1.2.2 Product specification..... | 3 |
| 1.2.3 Description of parts..... | 4 |
| 2. SAFE-USING OF ELECTRIC BALANCE BIKE..... | 9 |
| 2.1 Weight Limit..... | 9 |
| 2.2 Maximum Riding Range..... | 9 |
| 2.3 Speed Limited..... | 10 |
| 3. USAGE OF BATTERY..... | 10 |
| 3.1 Battery power..... | 10 |
| 3.2 Charging process..... | 11 |
| 3.3 Description of battery..... | 12 |
| 3.4 Shipping Notes..... | 12 |
| 4. USAGUE OF BIKE..... | 12 |
| 5. MAINTENANCE..... | 13 |
| Turn power “OFF” before beginning repair or maintenance:..... | 13 |
| Cleaning Electric balance bike..... | 13 |
| Storing Electric balance bike..... | 13 |
| Battery Care and Disposal..... | 13 |
| Charger..... | 14 |
| Wheels..... | 14 |
| Replacement Parts..... | 14 |
| 6. TROUBLESHOOTING..... | 15 |
| 7. SERVICE..... | 16 |

1. BEFORE USING

1.1 Riding Risk





Squiggle electric balance bikes are a personal electric vehicle toy, our technology and production processes have strict testing for every electric balance bike. Riding without attention to contents of this manual may cause injury.



- * Falling, losing control, collision, or failure to follow e-balance bike manual, may cause injury even death. In order to minimize the risk of riding, ensure that you read manual.
- * Protective equipment should be worn.
- * Never use in roadways, near motor vehicles, on or near steep inclines or steps, swimming pools or other bodies of water; always wear shoes, and never allow more than 1 rider

1.2 Preparation Before Riding

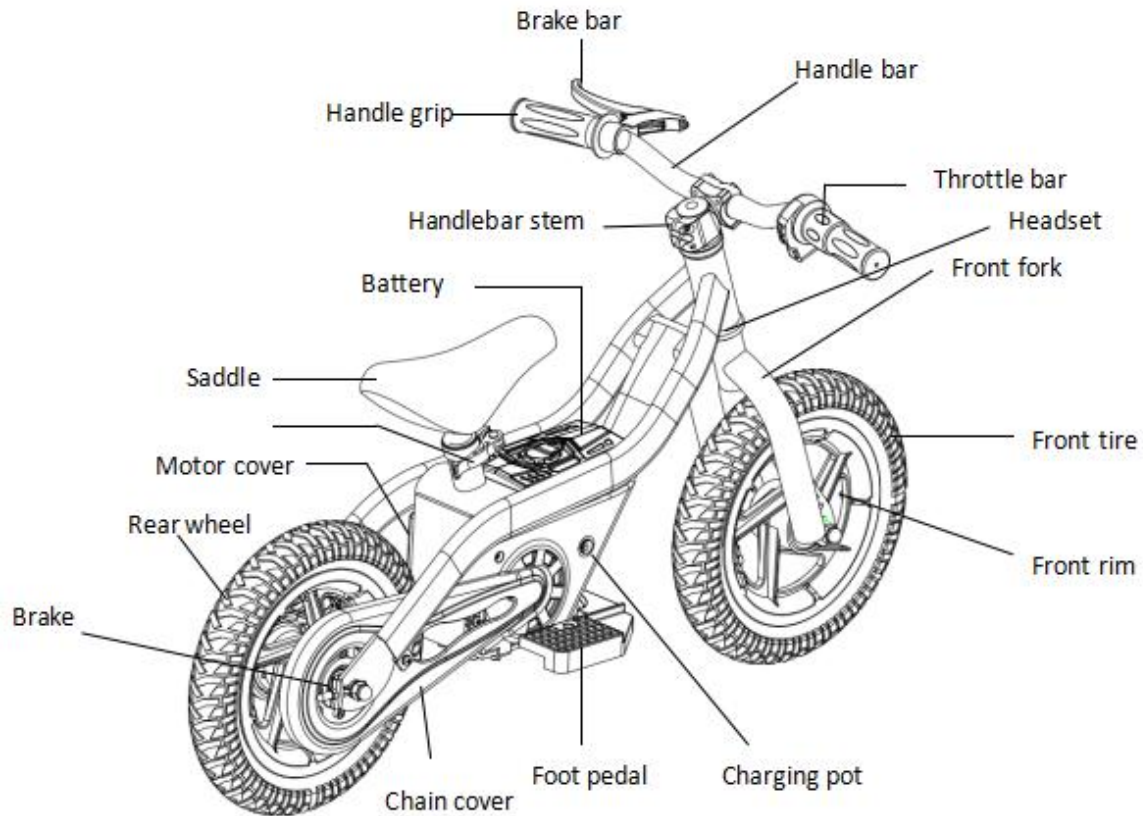
When you first open your Squiggle box, the following items below can be found inside.

| | |
|--------------------|--|
| Main product |  |
| Charger with tools |  |
| Battery |  |
| Manual |  |

1.2.2 Product specification

| | | |
|----------------|-----------------------------|------------------------------------|
| E-balance bike | Net weight | 10kgs |
| | Size | 980*510*568mm |
| | Running time | 6~15km |
| | Operating temperature range | 0°C-40°C |
| | Max climbing angle | 6~9° |
| | Max weight capacity | 50KG |
| Battery | Capacity | 4.0Ah |
| | Types | 18650 high rate discharge battery |
| | Charging duration | 3~6 hours |
| | Charging times | 300 times |
| Motor | Type | Brush motor |
| | Highest speed | 15KM/H |
| | Size | 104*98*100mm |
| | Power | 100W |
| Charger | Input | AC 100V-240V |
| | Charging temperature range | 0°C-40°C |
| | DC dual output | L/R simultaneous output 20.8V/0.8A |

1.2.3 Description of parts



Estimated Assembly and Set-Up Time

The product should be assembled by an adult.

Allow up to 10 minutes for assembly, not including initial charge time.

Allow up to 4 hours for charge (see charging information page).

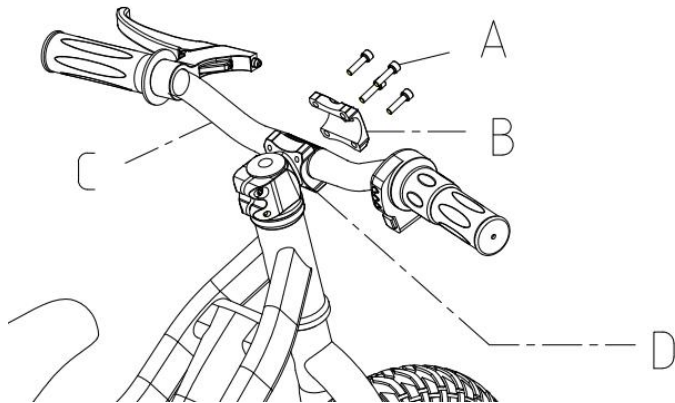
WARNING:

ONLY USE THE PARTS SUPPLIED WITH YOUR ELECTRIC BALANCE BIKE.

The bike has been built to certain design specifications. The original equipment supplied at the time of sale was selected on the basis of its compatibility with the frame, fork and all other parts. Certain aftermarket products may not be compatible and will void the warranty.

1.2.4 How to assemble the LME-BB1

STEP 1: Assemble the handle bars



A: Size: M5X20 Socket head bolt

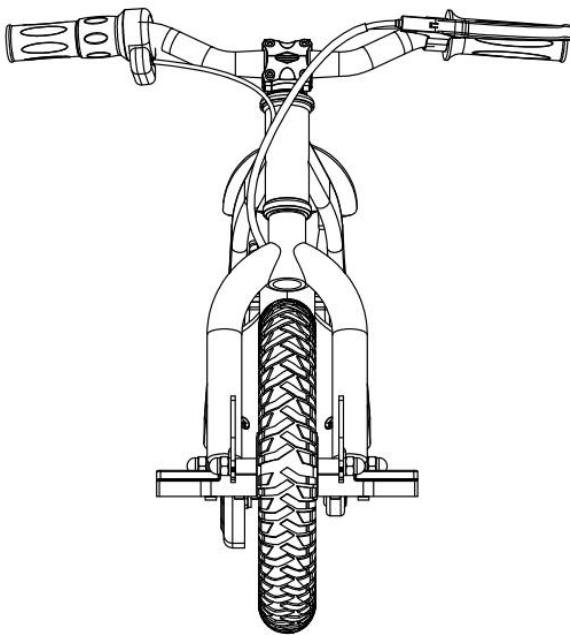
B: Upper block

C: Handle bar

D: Down block

1. Put(C)in to location(D), then cover(B)

2. Put(A)into(B), then use the tools screw to(D)

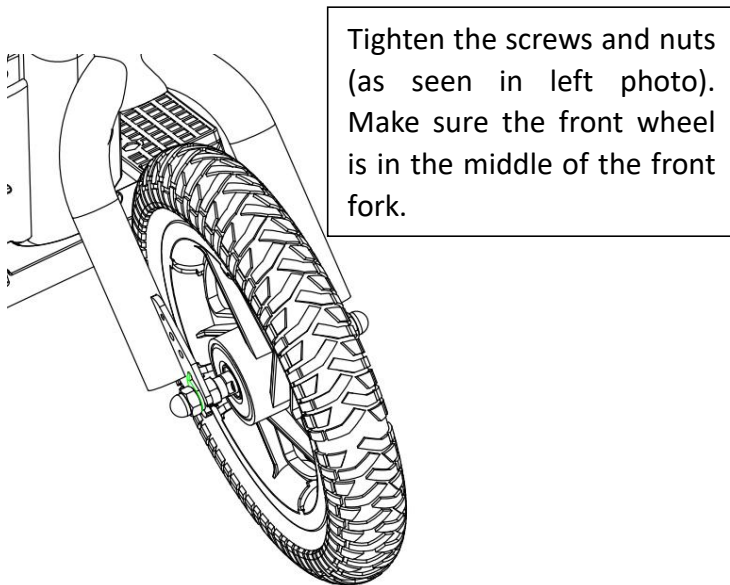
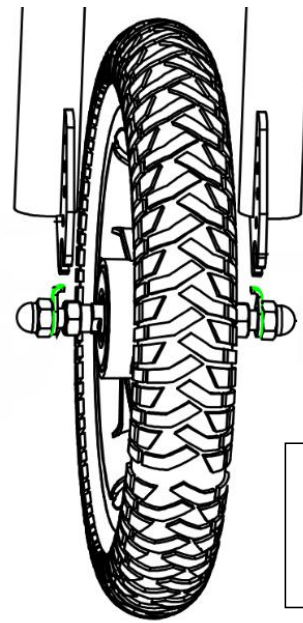
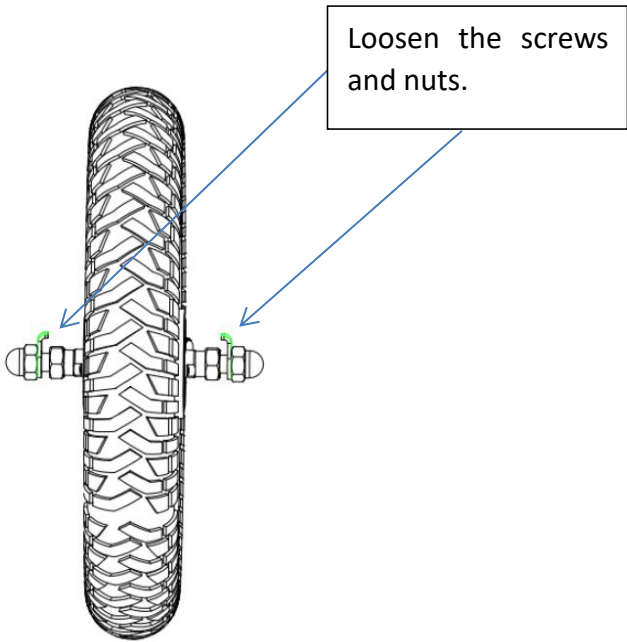


Note: Make sure any cables/wires are in the right position (as seen in photo to the left) before assembling the handlebars.

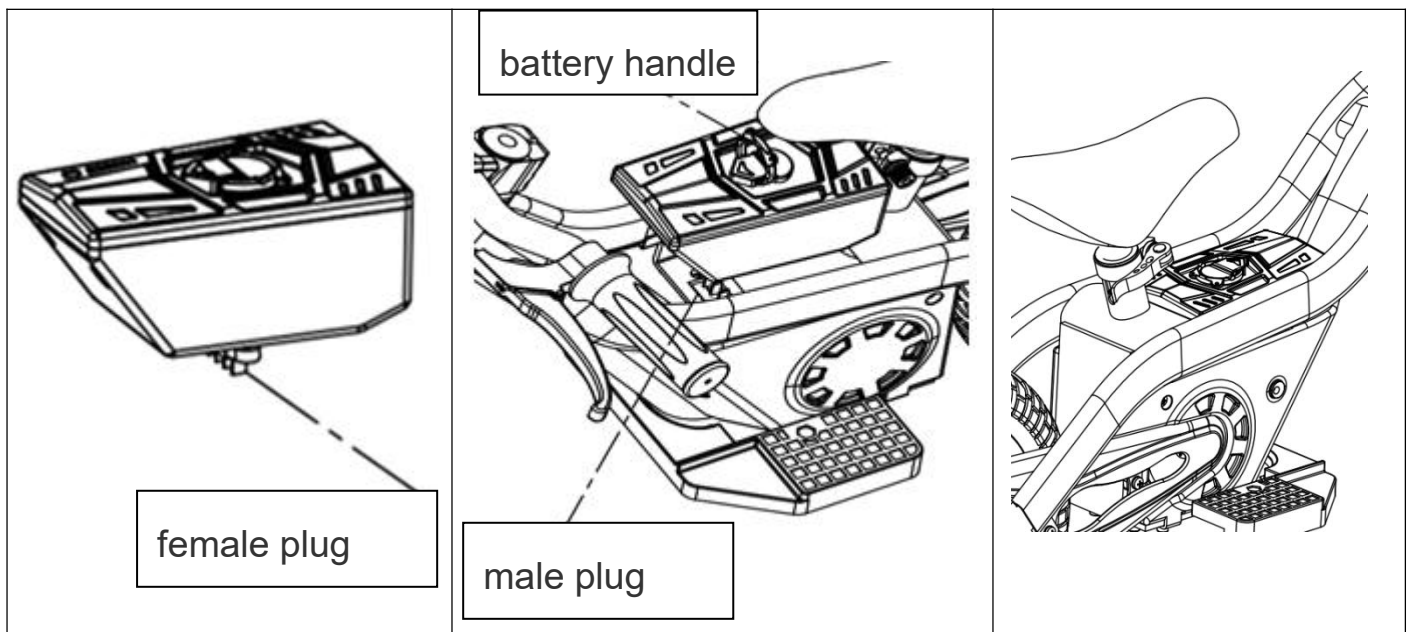
WARNING: Failure to properly tighten the collar clamp screws may allow the handlebar to dislodge while riding and may cause you to lose control and fall. When correctly tightened, the handlebar will not rotate out of alignment with the front handlebar stem under normal circumstances.

Note: The cable and wire assembly from the handlebars must not wrap around the steering tube or handlebars itself. Sharp bends or twisting of the brake cables can cause the brakes to malfunction.

STEP 2: Assemble the front wheel



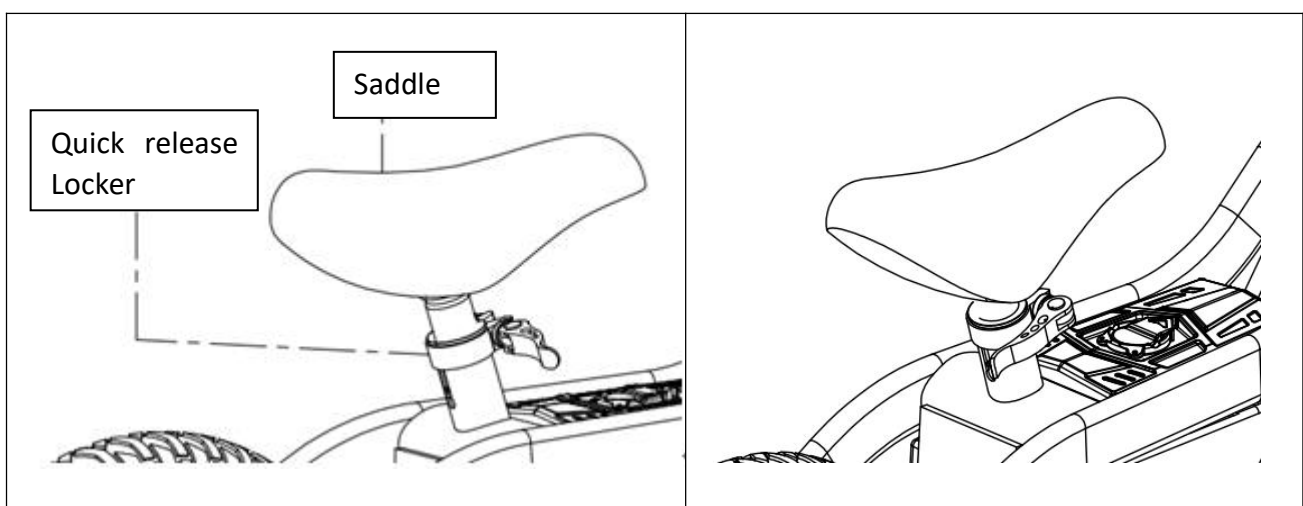
STEP 3: Install the battery



A. Install the battery: Take the battery out and you will see the female plug in the battery and the male plug in the bike. Match the female plug to the male plug, then press the battery case until the two plugs are completely locked. (Move the battery slowly, if it is a movable battery, it means the plugs are not locked completely. Press the front part of battery case heavily to make sure the battery is installed.)

B. Remove the battery: With your left hand holding the bike, put the index finger of right hand into the battery handle, whilst your thumb and middle finger hold the battery case, then pull the whole battery case out.

Step 4: Adjust the saddle



Release the lock, adjust the saddle into the right position, then lock it.

WARNING: Failure to properly tighten the collar clamp may allow the saddle to drop down while riding and may cause you to lose control and fall. When correctly tightened, the saddle will not drop down under normal circumstances.

Step 5: Check the battery capacity



Battery capacity display

After installing all the above steps, press the red button to check the battery capacity.

1). Full battery capacity:

Green, Yellow and Red light on

2). Half battery capacity:

Yellow and Red light on; Green light off

3). Low battery capacity:

Red light on, green and yellow light off

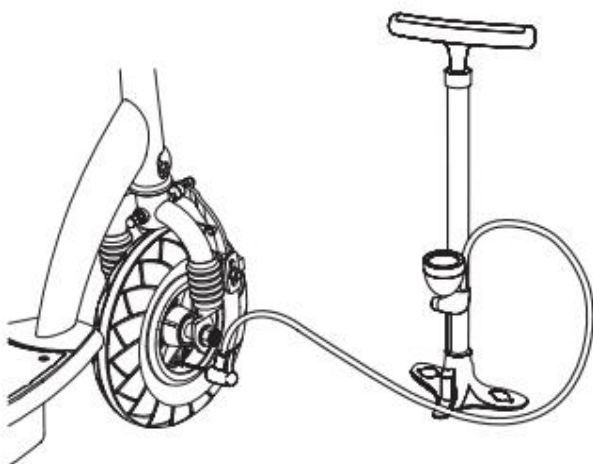
Step 6: Inflating the Tire

Always inflate tires to the correct PSI before first time use.

Lower air pressure can result in a shorter ride time.

Periodically check the tires. Re-inflate when needed.

Using a bicycle-style tire pump equipped for a Schrader-type valve, inflate the front tire to the correct PSI indicated on the sidewall of the tire.



WARNING:

Do not use the electric balance bike for the first time until you have inflated the tires to the correct PSI. Failure to do so may damage your electric bike and void your warranty.

WARNING:

Do not over inflate, as this could damage the tire or wheel.

2. SAFE-USING OF ELECTRIC BALANCE BIKE

We hope every user can ride our electric balance bikes safely and enjoy the fun. You can recall the memories of learning how to ride a balance bike, electric toy car, bicycle; all these experiences can be applied.

1. Please follow the related content in the "product Manual" before riding electric balance bike for the first time. Check whether battery power is enough, tires are damaged or parts are loose before driving, make sure to use the hand brake level while at high speeds downhills etc. If there is any abnormal situation, please contact the local Squiggle reseller for servicing and repair.
2. Please carefully read the "Product Manual", this will help to get a lot of important safety information such as speed limited, vibration alert and safety shutdown, etc.
3. Do not use balance bike incorrectly to endanger the safety of persons or property.
4. Do not modify the parts of electric balance bike, it will affect the performance, and can cause serious injury.
5. Children should not be allowed to ride the electric balance bike on their own. Children should be given supervision or instructions around the use of the appliance by a person responsible for their safety
6. When the user is riding, make sure to wear protectors, such as: helmet, knee pads, elbow pads and other protective gear.
7. Not to be used in traffic. In order to avoid dangers that are caused by collisions, falls and loss of control, you can ride it in the park, garden and other roads far away from road traffic. Do not ride on obstacles, such as twigs, litter or small stones, etc. Avoid riding in narrow spaces. Avoid riding on a steep slope.
8. Please be alert to things in front or far away from children, keeping good vision will keep children safe.
9. Do not ride on slippery and wet surfaces or on rainy days. Do not ride in dark place.
10. To avoid degradation of battery performance by heat, electric balance bikes should be stored in cool dry places out of direct sunlight.

2.1 Weight Limit

To ensure safety and reduce damage, users must follow minimum and maximum load:

Maximum Load: 50kgs

Overweight may increase possibility of injury

2.2 Maximum Riding Range

There are a lot of factors that will affect riding range& performance, such as:

Grade: A smooth, flat surface will increase the riding speed, while an incline or hilly terrain will reduce the speed.

Weight: The weight of the user can affect riding speed and riding range.

Ambient temperature: Please be mindful of product usage in hot weather conditions where the battery cannot cool down.

Maintenance: Reasonable battery charging and maintenance will increase the product lifetime.

Speed and riding style: Maintaining a moderate speed will increase distance, on the contrary, frequent starting, stopping, acceleration will reduce the product life time

2.3 Speed Limited

Electric balance bike top speed is around 12KM/H

When it is close to the max speed, the electric balance bike will ensure that the speed does not continue to increase. When the user feels discomfort or loss control with the speed, they must hit the brakes to slow the speed of the bike.

3. USAGE OF BATTERY

This section mainly describes the charging method of the Squiggle electric balance bike, how to maintain the battery, some security issues, and battery specifications. For users' safety, maximum extent of prolonging the battery life, and improve battery performance, please follow the instructions.

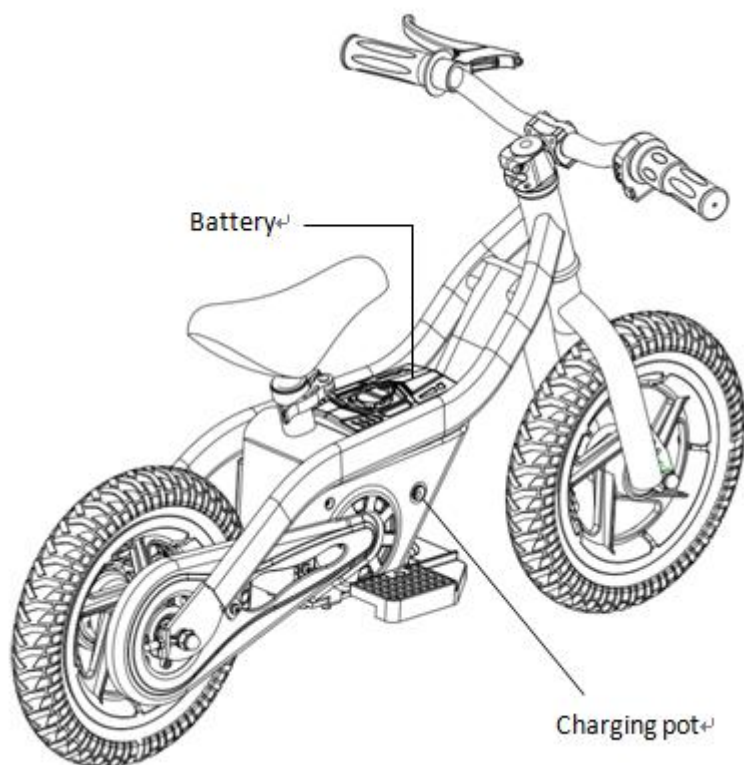
3.1 Battery power



You must stop riding if the electric balance bike displays low power, or it may affect battery lifetime.

- Don't use the battery if it emits odor or overheats.
- If the electric balance bike is not used for a long time, the battery must be charged every 2-3 months.
- Don't touch any leaking material.
- Keep battery away from children when not riding.
- The charger must be unplugged from the charging port before riding.
- Battery contains dangerous substances. Do not open the battery and do not insert anything into the battery.
- The battery must be removed from the appliance before it is scrapped.
- The appliance must be disconnected from the mains supply when removing the battery.
- Please use the original charger provided with electric balance bike.
- Don't overcharge the battery.
- The battery is to be disposed of safely.
- This appliance must only be supplied by our distributors.
- For the purposes of recharging the battery, only use the detachable charger provided with this appliance.
- Always charge the battery immediately after riding.
- Fully charge battery before storing for extended periods of time.
- Unplug charger from the wall outlet when not in use.
- Failure to recharge battery periodically may result in a battery that will not accept a charge.
- Make sure the power is turned off when product is not in use. If the ON/OFF switch is left on for an extended period of time, the battery may reach a stage at which it will no longer hold a charge.
- To ensure long battery life, never store the product in freezing or below freezing temperatures. Freezing will permanently damage the battery.
- Run time may vary depending on riding conditions, rider weight, climate, and/or proper maintenance and usage of the product.
- Constant starting and stopping may shorten ride time.
- Battery life can vary depending on proper maintenance and usage of the product.
- Non-rechargeable batteries are not to be recharged.
- The supply terminals are not to be short-circuited.
- Rechargeable battery is only to be charged by adults or by children at least 8 years old. The battery should never be placed on the charger and left. The battery should always be charged with someone in attendance.

3.2 Charging process



WARNING: Use ONLY with the recommended charger. Batteries are only to be charged under adult supervision. The charger is not a toy. Always disconnect the charger before wiping down and/or cleaning the electric scooter with a damp cloth.

The charger supplied with the electric bike should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, the electric bike must not be charged until it has been repaired or replaced.

Note: If the charger gets warm during regular use, this is normal response and is no cause for concern. If your charger does not get warm during use, it does not mean that it is not working properly.

Wall outlet-Green (stand by)

Wall outlet and unit-Red (charging)

Wall outlet and unit- Green (charged)

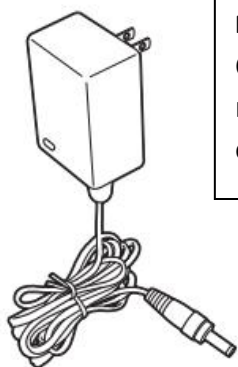
Your electric balance bike may not have a fully charged battery, therefore you must charge the battery prior to use.

When the Led light turns red on your bike, it means low power. The battery needs to be charged.

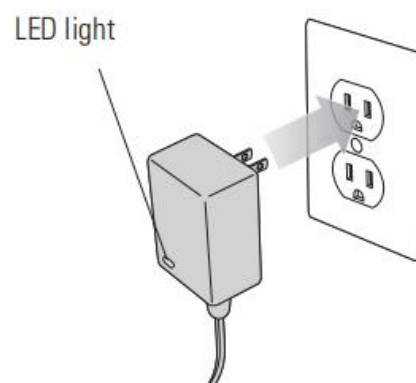
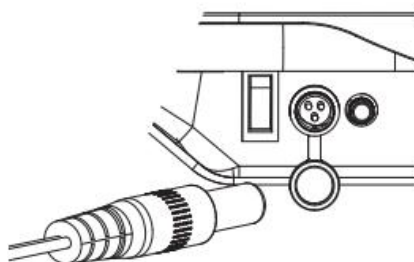
Ensure the charging port is dry. Keep the charging environment clean and dry.

Switch off the electric balance bike in "off" position.

The charging time is about 3-4 hours.



Note:
Charge design may vary from one shown



NOTE: Make sure power is turned **OFF** when product is not in use. If the ON/OFF switch is left on for an extended period of time, the battery may reach a stage at which it will no longer hold a charge.

Step1: Plug the charger cable into the electric balance bike charge port. Make sure the power is in the **OFF** position. The red light on the charger should turn on during charging. The light will turn green again when charging is complete.

Step2: Plug the charger into wall outlet. The light on the charger should be green. **Note:** If green light doesn't turn on, try a different outlet.

WARNING: Battery charge can deplete over time. Periodically recharge battery when not in use.

3.3 Description of battery

| Contents | Parameters |
|---------------------------|------------------------------------|
| Battery | Lithium battery |
| Charging time | 2~3h |
| Voltage | 24V |
| Initial Capacity | 4Ah |
| Working Temperature | -15°C~50°C |
| Charging Temperature | 10°C~40°C |
| Storage Time(-20°C~ 35°C) | 12 months(Charge every 2~3 months) |
| Storage Humidity | ~65% |

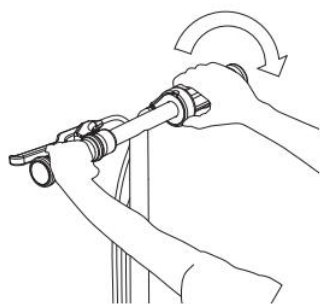
3.4 Shipping Notes

Lithium battery contains dangerous articles. Ship lithium only according to local law.

4. USAGE OF BIKE

Starting the electric balance bike

Turn power “ON” , place both hands on the handlebars and feet on the ground. Place the feet on the foot rest deck while twisting throttle to engage the motor.



Note:
Handlebar
design may vary
from one shown



Stopping the electric balance bike

To stop, release the throttle and apply the brake until the product comes to a complete stop. Then turn off the power.



Note:
Handlebar
design may vary
from one shown

5. MAINTENANCE

Electric balance bike requires the user to do routine maintenance.

This chapter describes maintenance steps and important operating tips.

Before you perform the following operations, ensure the power and charging cable are disconnected. If the battery is charging, the operation is not allowed.

Turn power “OFF” before beginning repair or maintenance:

Read the instructions

Remove charge plug

Turn the power off

Secure the product under repair

Exercise caution around exposed parts

Contact distributor customer service if unsure about any repair or maintenance

Cleaning Electric balance bike

Disconnect the charger and turn off Electric balance bike

Wipe the cover



Avoid using water or other liquids on the Electric balance bike for cleaning. If water or other liquids seep into Electric balance bike, it will cause permanent damage to the internal electronics.

Storing Electric balance bike

Fully charge your battery before storing

Charge products at least every two to three months.

If the storage ambient temperature is below 0 degree, please do not charge. You can bring the Electric balance bike into a warm environment (about 10 degree) for charging.

To prevent dust from entering, you should cover Electric balance bike. Do not connect the power.

Store Electric balance bike indoors in a dry and suitable temperature. If you do not use it for a long time, please do not connect the power.



Do not disassemble Electric balance bike. Users who try to disassemble Electric balance bike lose their right for guaranty.

Battery Care and Disposal

Do not store in freezing or below freezing temperatures. To properly maintain your battery and ensure maximum battery life, carefully read the “Charging the Battery” section of this owner’s manual.

Correct Disposal of this product



This marking indicates that this product should not be disposed of with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Charger

The charger supplied with the electric balance bike should be regularly examined for damage to the cord, plug, enclosure and other parts and in the event of such damage, the product must not be charged until it has been repaired or replaced.

Use **ONLY** with the recommended charger.

Wheels

Wheels and drive system are subject to normal wear and tear. It is the responsibility of the user to periodically inspect wheels for excess wear and replace tires as required.

Replacement Parts

The most frequently requested replacement parts are available for purchase at some retail partners. Please contact your retailer for more information.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--|--|---|
| Bike does not run | Battery needs a charge | Charge the battery until the charger indicator light turns from red to green. Check all connectors. Make sure the charger connector is securely plugged into the charging port, and that the charger is plugged into the wall outlet. |
| | Charger is not working | Make sure power flow to the wall outlet is on. |
| | Bike is overloaded | An excessive overload, such as too heavy a rider or too steep a hill, could impact bike performance. |
| Bike suddenly stops working while in use | Tripped circuit breaker | Check all wires and connectors to make sure they are tight. |
| Bike runs sluggishly | Riding conditions are too extreme | Use only on solid, flat, clean and dry surfaces such as pavement or level ground. |
| | Tire is not properly inflated | The tire is inflated when shipped, but it invariably will lose some pressure between the point of manufacturing and your purchase. |
| | Bike is overloaded | Make sure you do not overload the bike by allowing more than one rider at a time, exceeding the electric balance bike 50 kg maximum weight limit, going up a hill or towing objects behind the bike. If the bike is overloaded, the bike runs sluggishly. |
| Short run time (less than 15 minutes per charge) | Undercharged battery | Charge the battery until the charger's indicate light turns red into green. |
| | | Check all wires and connectors. Make sure the battery connector is tightly plugged into the charger connector, and that the charger is plugged into the wall outlet. |
| | Battery is old and will not accept full charge | Make sure power flow to the wall outlet is on. Even with proper care, a rechargeable battery does not last forever. Average battery life is 1 to 2 years depending on bike use and conditions. Replace only with a replacement battery. |
| Working intermittently | Loose wires or connectors | Check all wires around the motors and all connectors to make sure they are secure. |
| | Motor or electrical switch damage | Contact your local authorized service center for diagnosis and repair. |
| Bike makes loud noises or grinding sounds | Chain is too dry | Apply a lubricant to the chain. |
| Brake doesn't work | Brake is too loose | Adjust brake cable play, thread the brake lever adjuster in or out ¼ to ½ turn until the desired brake adjustment is achieved. Most adjustments are complete at this step. If brake still needs further adjustment, contact authorized repair centers. |

7. SERVICE & WARRANTY

Thank you again for your purchasing Electric balance bike Squiggle BB1. We would like to provide you with good after-sale services by offering a 12 month Warranty on your bike, and 6 months on your battery.

For All Warranty and Repair enquiries:

HillTop Imports Group Pty Ltd

7B Wellington Park Way, Sale, Victoria. 3850

Phone: 03 51433451

The warranty period is consistent with the national and local warranty policy.

The warranty period is calculated from original date of purchase by the user.

A proof of purchase must be given when claiming this warranty; the original sales receipt is considered such proof.

EXCLUSIONS:

This warranty does not apply to:

Damage caused by misuse, accident or abuse.

Damage caused by service performed by any third part.

A product or part that has been modified without the written permission.

WARRANTY DOES NOT COVER:

Product repair and/or part replacement because of improper installation, connections to improper voltage supply abuse, neglect, accident, unauthorized repair or other cause not within control of our company.

Damage or claims for products not being available for use, or for lost data or lost software.

Damage occurring to product during shipping.

Failure to operate per Owner's Manual.