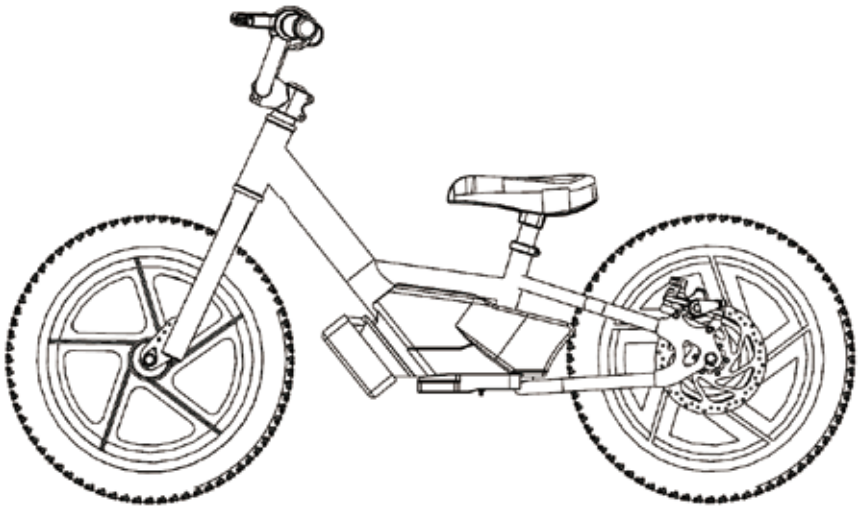


# User Manual



**ELECTRIC BALANCE BIKE**



**Dear customer:**

This manual contains a lot of information on how to properly use this Children's bicycle, how to maintain and operate it. Please read this manual carefully and we are sure that if you understand the contents of this manual, you will have a better experience of riding.

**Attention:**

Manual illustrations are for demonstration purposes only. Illustrations may not reflect exact appearance of actual product. Product specifications are different with Bicycle physical; please refer to the actual product.

**Warning:**

Like any riding products, riding is indeed risky (for example, falling, losing control, or riding into a dangerous state) and requires caution. Both children and adults responsible for supervising them, must recognize that If such hazards occur, a rider can be seriously injured or die even when using safety equipment and other precautions. Ride at your own risk and use common sense.

Parental and adult responsibility and supervision necessary: This manual contains important safety information. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety topics, and assure that young riders are able to safely and responsibly use these products. We recommends that you periodically review and reinforce the information in this manual with younger riders, and that you inspect and maintain your children's product to ensure their safety. If you delegate this task to another adult, it is your responsibility to pass this owner's manual and all relevant information to whomever will take on this role, and ensure without question that the rider is supervised, controlled and taught in a safe manner.

These models are not for children under age 4 or heavier than 110 LB (50KG). No children should ride any cycle if they cannot sit on the seat and touch both feet flat on the ground at the same time. Because products, like stability cycles, can and do present potential hazards plainly associated with their use, it is well

recognized the need for exercise of parental responsibility in selecting riding products appropriate to the age, size and developmental progress of a child, or parental supervision in situations in which children of various ages may have access to the same riding products, is important. we recommend that children under the age of 4 not be permitted to use this bike. This recommendation is based not just on age or weight or height it reflects consideration of coordination and skills as well as physical size.

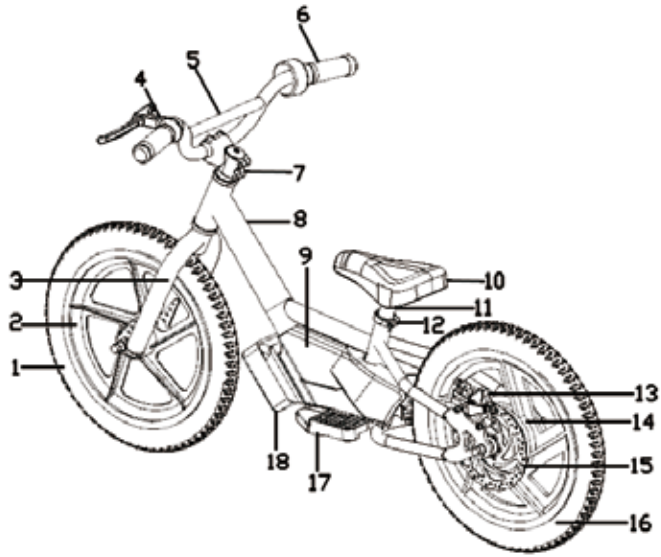
The recommended minimum rider age of 4 years or older for are only estimates and can be affected by the rider's size, weight or skills - not every child 4years old will be suited to this bike. Certainly, any rider unable to fit comfortably on the bike should not attempt to ride it, but a parent's decision to allow his or her child to ride these products should be based on the child's maturity, skill, and ability to follow directions and rules. We emphasizes that adults are strongly advised not to disregard recommendations or permit younger children, or children 4 years or older if not deemed suitable, to ride the bike.

These products are intended for use only by children who are, at a minimum, completely comfortable and competent while operating these products in conjunction with parental assistance. Children with any mental or physical conditions that may make them susceptible to injury, or impair their physical dexterity or mental capabilities to recognize, understand, and follow safety instructions and to be able to understand the hazards inherent in a product's use, should not use or be permitted to use this product if determined inappropriate for their abilities. Children or adults with heart conditions, head, back or neck ailments (or prior surgeries to these areas of the body), or pregnant women; should not to operate or provide supervision to these products. Not every product is appropriate for every age or size of child, and different age recommendations are found within this category of product which is intended to reflect the nature of the hazards and the expected mental or physical ability, or both, of a rider to cope with the hazards.

# Contents

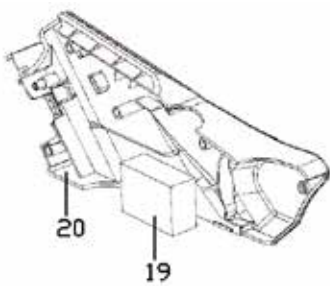
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# I . Vehicle and components:



- 1、 Front tire component
- 2、 Rim component
- 3、 Front fork
- 4、 Brake handle
- 5、 Handle Bar
- 6、 Left and right grips
- 7、 Stem
- 8、 Frame
- 9、 Left Plastic cover

- 10、 Saddle
- 11、 Seat post
- 12、 Seat post clamp
- 13、 Disc brake
- 14、 Hub Motor
- 15、 Brake disc
- 16、 Rear tire component
- 17、 Plastic pedal
- 18、 Battery pack



- 19、 Controller
- 20、 Right plastic cove

## **II . Acceptable riding practices and conditions:**

Always check and obey any local laws or regulations, which may affect the locations where the bike may be used. Keep safely away from cars and motor vehicle traffic at all times, and only use where allowed and with caution. Never ride your on public streets, roads, highways, at night or when visibility is limited.

Do not activate the speed control on the hand grip unless you are on the cycle and in a safe, outdoor environment suitable for riding. The maximum speed of the bike is limited by the selected power mode (See Throttle Operation section below). Avoid excessive speeds that can be associated with downhill rides, Maintain a grip on the handlebars with both hands at all times. Do not touch the brake or motor on your bike when in use or immediately after riding, as these parts can become very hot. Ride defensively. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Be careful to avoid pedestrians, skaters, skateboards, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others.

Never use near steps or swimming pools. Avoid sharp bumps, drainage grates, and sudden surface changes. Do not attempt or do stunts or tricks on your bike. These bikes are not made to withstand abuse from misuse, such as jumping, curb grinding or any other type of stunts. Racing, stunt riding, or other maneuvers also enhance risk of loss of control, or may cause uncontrolled rider actions or reactions. Never allow more than one person at a time to ride the bike. Do not ride at night or when visibility is limited. Never use headphones, a cellphone or text when riding.

Never operate the bike without the side panels and chain guard properly installed. Do not allow hands, feet, hair, body parts, clothing, or similar articles to come in contact with any rotating or moving parts, wheels, or drive train component sand chain while the motor is running or while the wheels and tires are rotating.

Always wear proper protective equipment, such as an approved and properly fit-ted safety helmet (with chin strap securely buckled), eye protection, athletic shoes (lace-up shoes with rubber soles) elbow pads and kneepads. Keep shoelaces tied and out of the way of the wheels, motor and drive system. Never ride barefooted

or in sandals. Long-sleeved shirt, long pants, and gloves are recommended. Furthermore, a helmet may be required by local law or regulation in your area. Your child's brain is their most valuable asset. Please wear a qualified, comfortable, buckled helmet for them.

### **III. The starting process:**

**(Take the battery out of the bicycle, please refer to the battery handling instructions.)**

The starting process sit push, coast brake, practice (Perform under adult supervision, wearing protective equipment, in an open and safe area)

#### **Non-powered training:**

1. Sit on bike with feet on ground. Familiarize rider with seat, foot platform, brake(s), handlebars, throttle and their function.
2. Push bike around with feet on ground learning balance and confidence.
3. Coast and practice controlled turning with feet on platform.
4. Brake to a safe stop using hand brake while maintaining control.
5. Practice standing and stopping while maintaining control without falling.

#### **Training in power mode:**

1. Install the battery on the bicycle.
2. Press the red switch button on the right handle (boat button) to start the power mode.
3. Have child carefully push bike forward and practice slightly twisting throttle learning to feel the bike beginning to move forward under power.  
With feet on ground have child progressively increase throttle use until
4. moving forward balancing on their own.
5. Have child practice rolling throttle on and off as well as safe stops with hand brake.
6. As child gains balance and demonstrates throttle and brake skills, advance to riding with feet on the platform.



7.Coach child to maintain a safe distance from obstacles and other riders.

#### **IV. Inspection and maintenance components:**

Before use, check the components are working properly.

The non-riding state, make sure the throttle switch is in the "off" state.

When not in use, take the battery out and place it separately. If the power switch is turned on, the battery will slowly consume power.

**Brakes:** Check brake for proper function. When you squeeze lever, brake should provide positive braking action. Make sure that brake is not rubbing when lever is released..

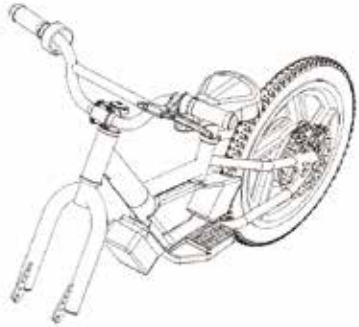
Periodically inspect tires for excess wear and aging. Regularly check tire pressure and inflate as per tire sidewall.

**Hardware:** Checking all hardware, Such as nuts, bolts, cables, fasteners, etc. Make sure there is no unusual noise or sound and damaged loose parts. If the part is damaged, please don't ride it.

## V. Bicycle installation

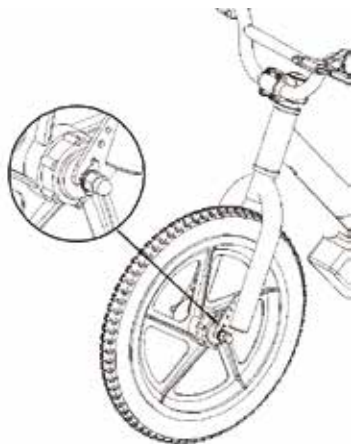
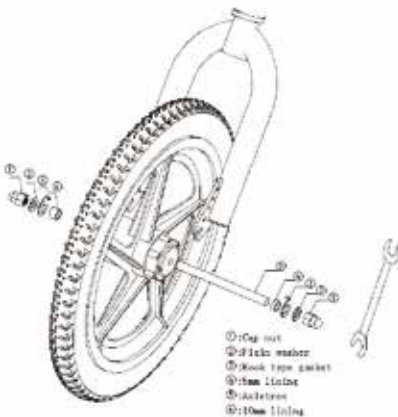
### V-1. Handlebar installation

- ①The four screws on the handlebar stem will be loosened counterclockwise to separate;
- ②Adjust the handlebars, fix the handlebars on the handlebar stem, and secure the 4 screws to the handlebars.



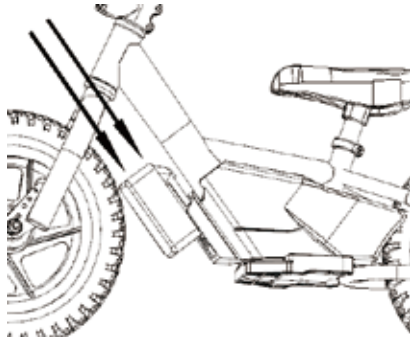
### V-2. Front wheel installation

- ①The axle is loaded into the front rim assembly, fixed fittings are installed on both sides, and stuck into the slot of the front fork hook claw
- ②Take out the tool kit 16mm open spanner, lock the gasket and nut on both sides of the front screw bar



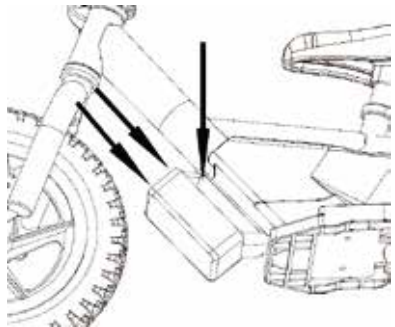
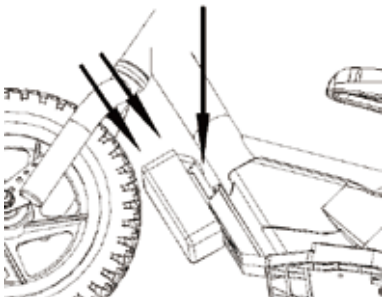
### V-3. Battery installation

- ① Position the battery from the top into the discharge socket slot and it will be easier if you turn the handle 45 degrees to the left or right.
- ② Slide the battery down the battery seat.



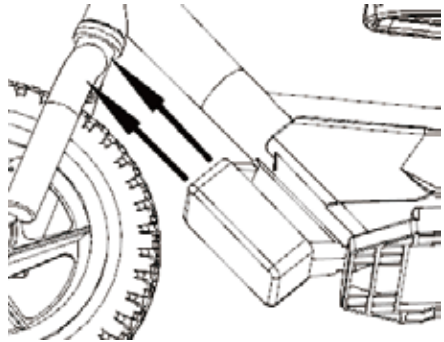
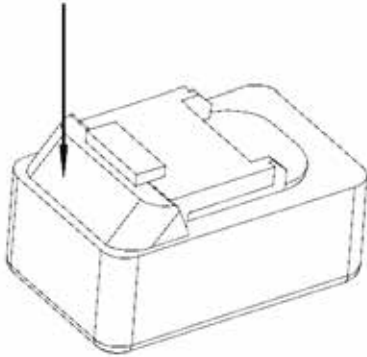
#### Attention:

The battery holder has a lock, You should hear a click when pushing the battery through the latch to ensure that the battery locks on the battery holder.



#### V-4. Remove the battery

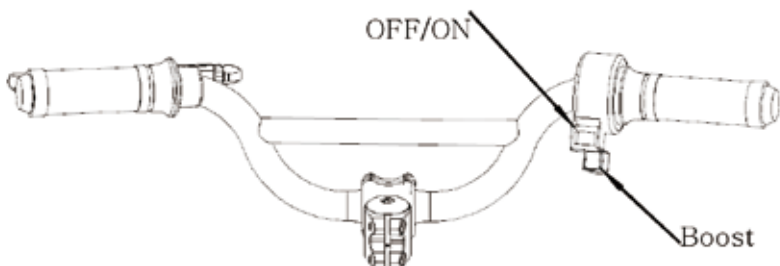
1. Turn the handlebar 45 degrees from straight.
2. Depress the battery release latch/button and slide battery out of slot in the direction shown.



#### V-5. Throttle operation

( Confirm Speed Mode & Check Battery Level)

1. Ensure power switch is in OFF" position, throttle in "zero" position.
2. Install Battery.
3. Power on bike. (Power Switch to ON" position)
4. While sitting on the bike, both hands gripping the handlebar, both feet flat on the ground and ready to ride, turn the throttle slightly, start the motor slowly, and enter the riding state.
5. Continue to turn the throttle and the motor will provide more power. When going uphill or requiring more power, press the "BOOST" button to provide greater output, increasing speed and torque.



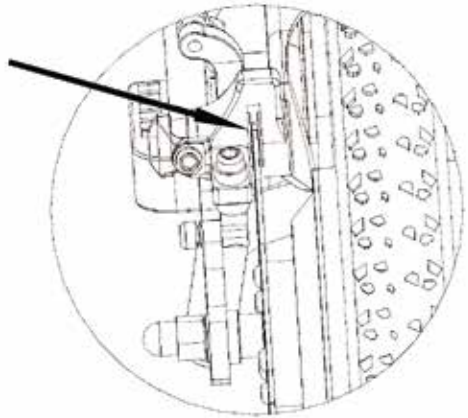
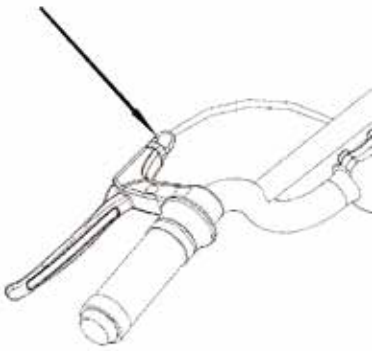
## VI. Repair and maintenance

Tool: 4、 5、 6mm Allen wrench

16、 19mm Sleeve or open end wrench

### VI-1. Test Brake

1. Squeeze brake lever and hold.
2. Push stability cycle forward. The rear wheel should not spin if brake is adjusted properly.
3. If rear wheel spins when pushed forward or brake lever engages prematurely, Please adjust the brakes.



## **VI-2. Adjust the brakes**

1. To adjust brake cable:

- a. Twist brake lever adjuster in or out, 1/4 to 1/2 turn at a time, until desired brake adjustment is attained.
- b. If brake still needs further adjustment, proceed to step 2.

2. Determine if brake cable has too much slack or brake rotor is dragging on brake pad:

- a. Loosen brake hub barrel adjuster.
- b. Adjust the brake disc and disc brake to make the clearance between the disc.
- c. Lock disc brake adjusting nut
- d. Perform final adjustment of tension in brake cable with brake lever barrel adjuster.
- e. Repeat Test Brake section above.

### **Warning:**

Careful adjustment of brake is critical as the brake is capable of causing the bike to skid the tire throwing an unsuspecting rider. Test and practice braking in an open area free from obstacles, in a straight line, until child is familiar with the brake function. Avoid skidding to a stop as this can cause child to lose control.

## **VI-3. Replace front/rear tires (wheels)**

Wheels and tires wear normally during riding. It is the responsibility of the user and parent to periodically check for wheel and tire damage and excessive tread wear. Electrical systems such as motors and controllers after riding can be very hot, causing burns. During maintenance, the vehicle is allowed to steadily cool for a period of time (up to 30 minutes).

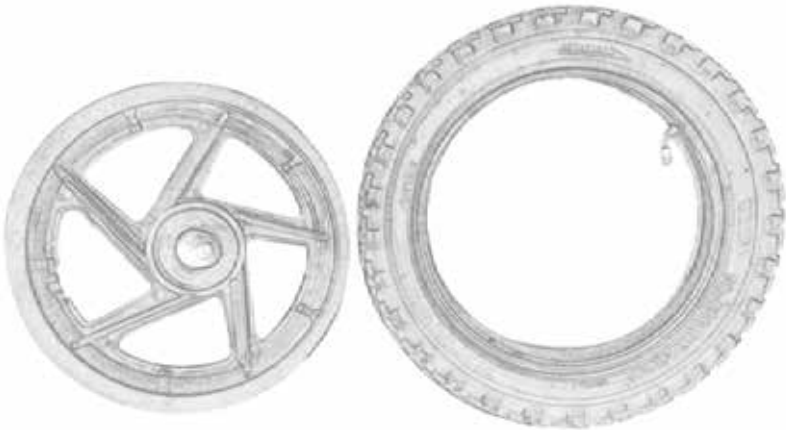
## **Warning:**

To prevent electric shock, please follow the instructions accordingly and do not skip any steps.

1. Turn the switch in OFF position.
2. Remove battery from bike.
3. Disassemble the front and rear wheels.

### **Front wheel/tire:**

- a. Loose the front wheel butts and fixture
- b. Remove the front wheel from the fork and exhaust the inner tire air.
- c. Remove the outer fetal lip side completely from the rim edge
- d. Remove the inner tube, replace the inner and outer tires.
- e. The inner valve mouth passes through the rim and fills the inner tube with 40 psi.
- f. Reload the new inner and outer tires into the rim.
- g. Install the front wheel assembly onto the bike.
- h. Inflate to the recommended pressure for the tire.



**Rear wheel/tire:**

- a. Loosen the rubber caps on the left and right of the rear wheel axle.
- b. Loosen the retaining nuts on the left and right sides of the rear wheel
- c. Separate the rear wheel from the frame hook claw slot.
- d. Replace the inner and outer tires; refer to the inner tire operation of the front wheel.
- e. Replace the rear wheels and reinstall the carriage return frame.( Note: do not make the disc brake under external force deformation, need to put the disc brake into the disc brake to make the middle of the disc)
- f. Nuts on both sides of locking wheel shaft and plastic cover

**VI-4. Battery maintenance**

Refer to battery manufacturer documentation for proper battery maintenance. Damaged batteries must be recycled or disposed of in an environmentally safe manner. Do not dispose of a lithium cell battery in a fire; the battery may explode or leak. Do not dispose of a lithium cell battery in your regular household trash. The incineration, land filling or mixing of sealed lithium cell batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a federal or state approved lithium cell battery recyclers or a local seller of batteries.

**VII. Quality assurance and after sales service**

Ensure that the product does not contain defects in materials and manufacturing from the date of purchase, as described below:

The statutory warranty period is 1 years, and the time is from the delivery of the vehicle to the customer. As proof of the purchase and delivery date, please keep the delivery documents signed by the parties and the purchase records, such as invoices and/or sales receipts, as Calculate the duration of the warranty period. This Limited Warranty will be void if the product is not used in accordance with the owner's manual or:



- ◆ Damaged in an accident, crash or loss of control incident;
- ◆ Used in a manner other than for recreation;
- ◆ Poorly or incorrectly maintained;
- ◆ Used in a manner in which this product was not specifically designed;
- ◆ Failure to follow owner's manual instructions or warnings;
- ◆ Electronics or battery exposed to water; modified in any way;
- ◆ Damage by unauthorized service or parts;
- ◆ Used for commercial purposes

This Limited Warranty does not cover any damage, failure or loss caused by improper assembly maintenance, or storage.

We not liable for incidental or consequential loss or damage due directly or indirectly to the use or misuse of this product.

This Limited Warranty is valid only for the original purchaser and is non-transferable. Warranty claims must be accompanied with original proof of purchase. If proof of purchase is not provided, warranty period begins from original date of manufacture.

For your records save your original sales receipt with this manual and write the serial number below.

Serial number: \_\_\_\_\_

Date purchased: \_\_\_\_\_

## Simple troubleshooting

Breakdown	Possible reasons	Possible reasons
Can't ride	Damage to motor or electrical system	Make sure the battery is installed and turn on the switch, Suggest contacting the dealer
	Loose battery or cable	Charge or replace the battery
	Power switch fault	Suggest contacting the dealer
	Throttle signal failure	
	The rider's weight/ terrain too steep	Don't exceed 110 pounds (50KG)
Short time, slow driving	Battery low voltage	Check that the battery is fully charged
	Damage to the battery	Replace battery
	Low tire pressure	Inflate the tire to the recommended pressure
	Improper adjustment of brake	Adjusting brake system