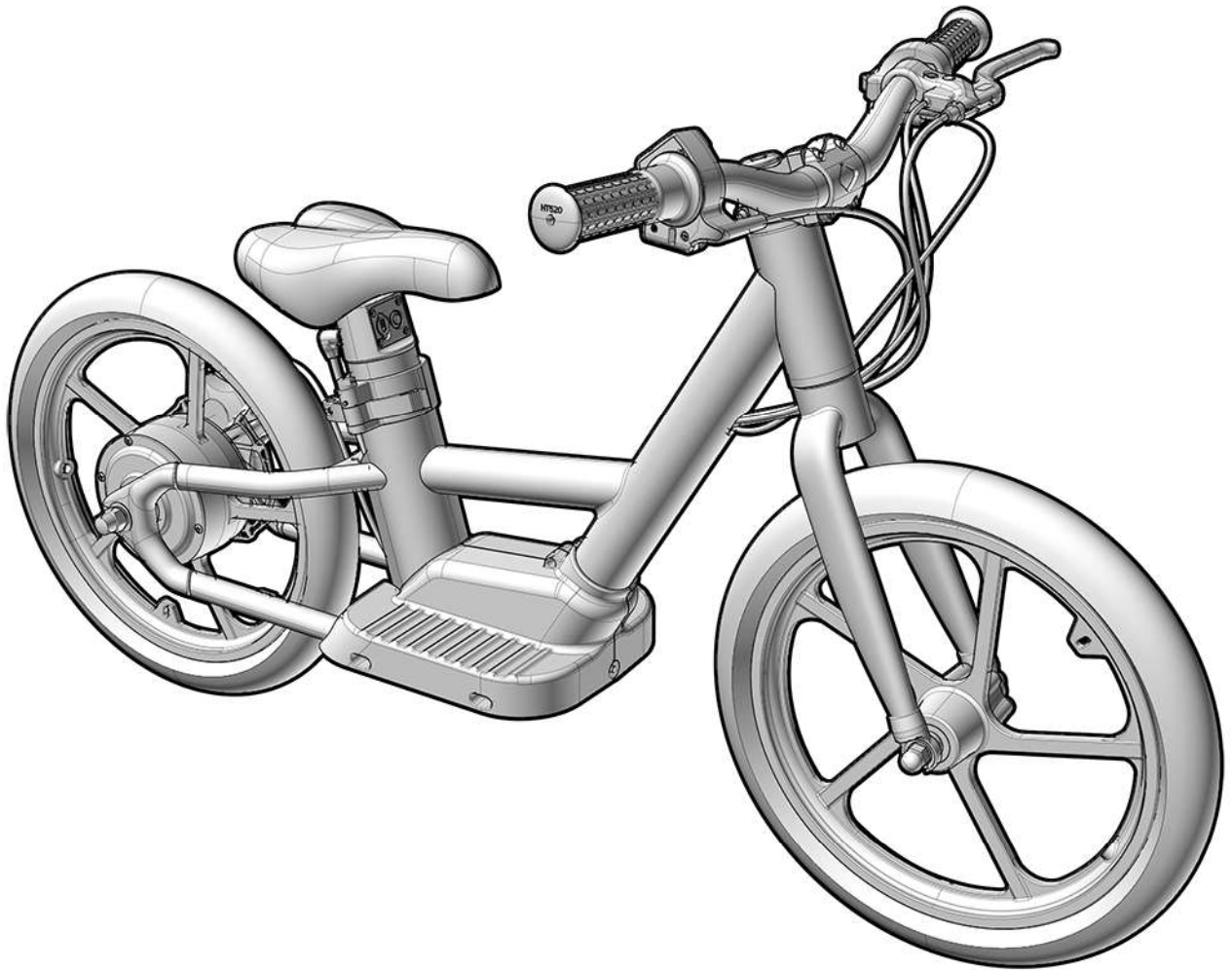


User's Manual

12 inch & 16 inch



Greenger

SADDLEBACK

Electric Balance Bike

Introduction

Thank you for choosing Saddleback, the electric balance bike. It is a fun way to develop fundamental riding skills for children. We wish you hours and years of fun to follow!

Although it was designed to be fun and friendly for first time riders, there are very specific procedures that must be followed to ensure safety and enjoyment day after day. Both the Quick Starting Guide and this User's Manual contain vital safety information. The bike's owner is responsible to read and understand all the instructions before allowing the child to operate the bike. The owner is also responsible in relating the information to the rider and making sure that young rider is capable of safely and responsibly using the balance bike. The owner is also responsible to check, repair and maintain the bike to always ensure safe riding conditions of the bike.

Saddleback balance bikes are designed for off-road use and never to be used on public roadways. This vehicle must be operated accordingly under local laws and where all pertaining laws are followed.

Keep this manual in a safe place for future reference

WARNING



PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATING.
Failure to understand the proper use of this vehicle and operating procedure may lead to serious injury and or even death.

Attention :

Illustrations for the Manual are for demonstration purpose only. They might differ from the actual product. Specifications are subject to change without notice.

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Warning

WARNING



Riding any bike presents potential risks. Improper operation of bike could lead to loss of control which can result in serious injury or death. Caution and skill is required.

This model is designed for children ages 3 or older with a weight under 75 LB (34 KG). This Recommendation is both based on the their physical size and their mental development to acquire necessary riding skills. Please keep in mind that not all children at age 3 are suited to ride the bike. It is the parent's sole decision to allow their children to use this product. Thereby waiving all claims of fault or negligence to, of, and or by Greenger Electric Technology, LLC.

A younger rider should be supervised at all times when operating this vehicle

Not for use on public roadways or near motor vehicles

Not for night use or when visibility is low

Do not ride in or expose to wet conditions

Single rider only. Not designed to carry passengers or items

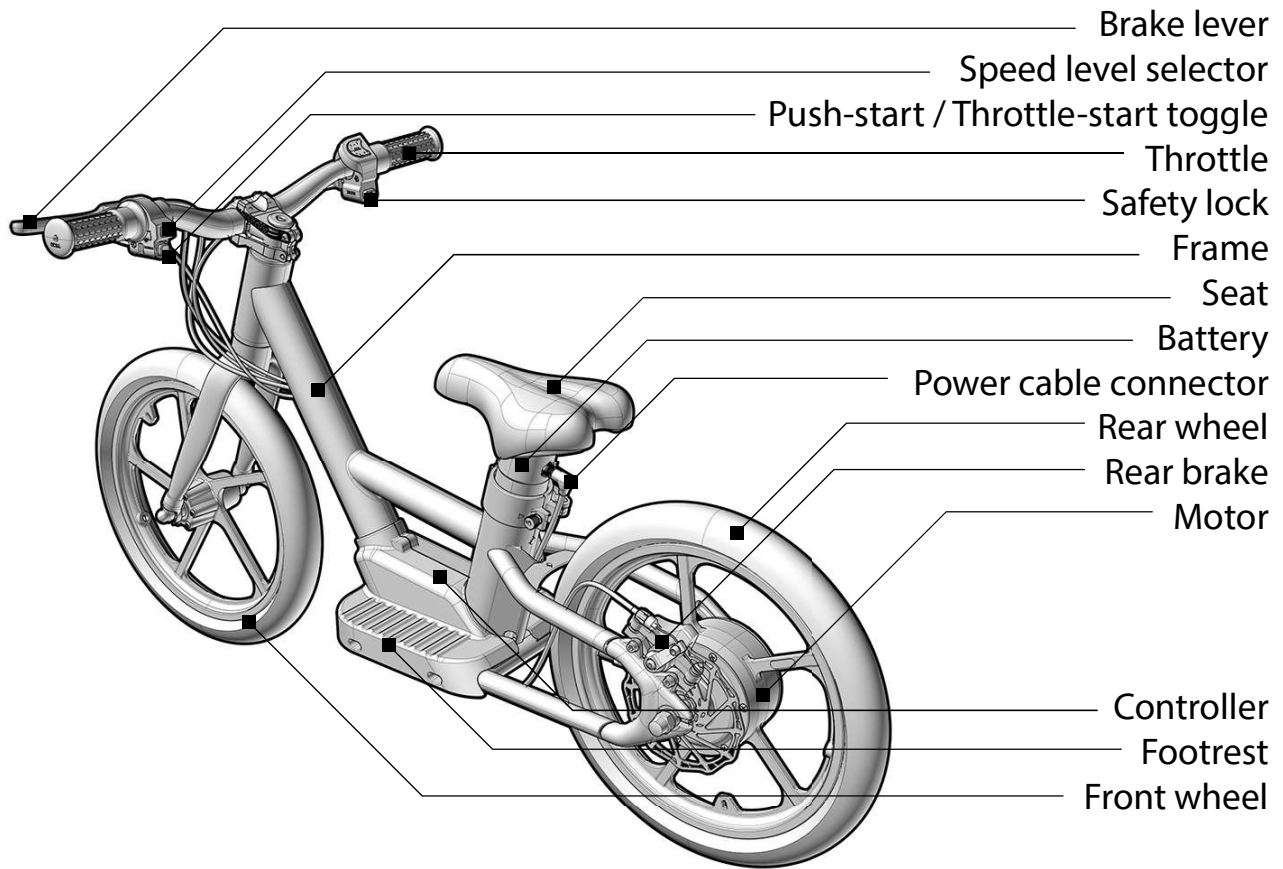
A child under the age of 8 should not be allowed to use the provided charger and or any charger under any circumstances whatsoever.

REMINDER



Always wear proper protective gear when riding. Item's such as a proper fitting helmet and proper footwear are a must when riding the Saddleback. Safety first!

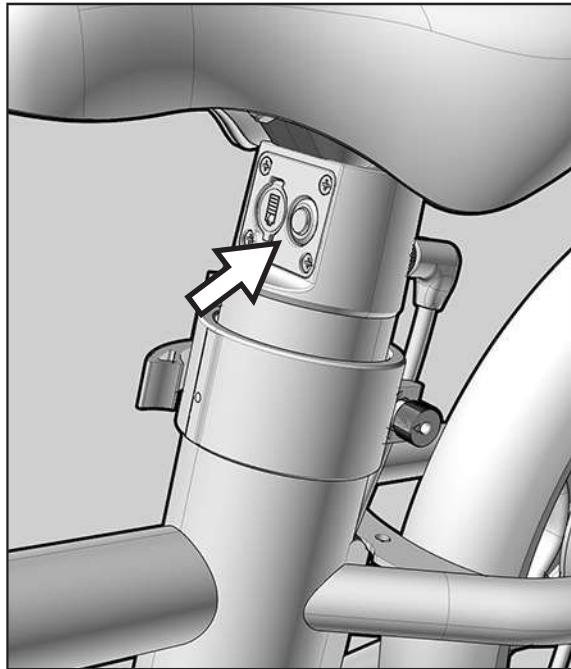
Specification



Tire Spec	12 inch	16 inch
Tire / Tube	12 x 1.25"	16 x 2.125"
Inflation	30 PSI (200 KPa / 2.0 BAR)	35 PSI (240 KPa / 2.4 BAR)

Specification	12 inch	16 inch
Power	22V150W	22V150W
Battery	22V5AH	22V5AH
Top speed	8mph	12.4mph
Wheelbase	29.5"	29.5"
Dimension	42.5" x 21.3" x 23.6"	46.5" x 21.3" x 25.6"
Weight	20.9LB	26.5LB

Controls

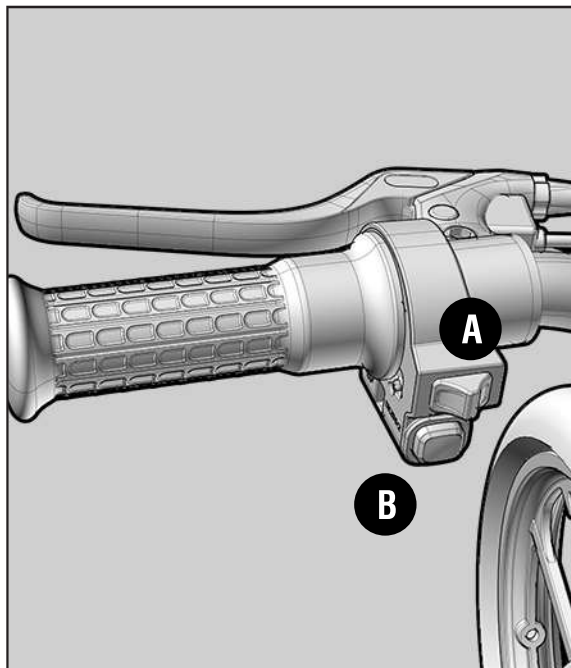


Power button

This is the main switch for the bike. When it's pressed down, it's ON. The Power Indicator will light up if the battery has been charged

Turn it off anytime when connecting / disconnecting the battery

Note: The bike should be turned off when unit is not in use. If the power switch is left on, the battery will lose its charge



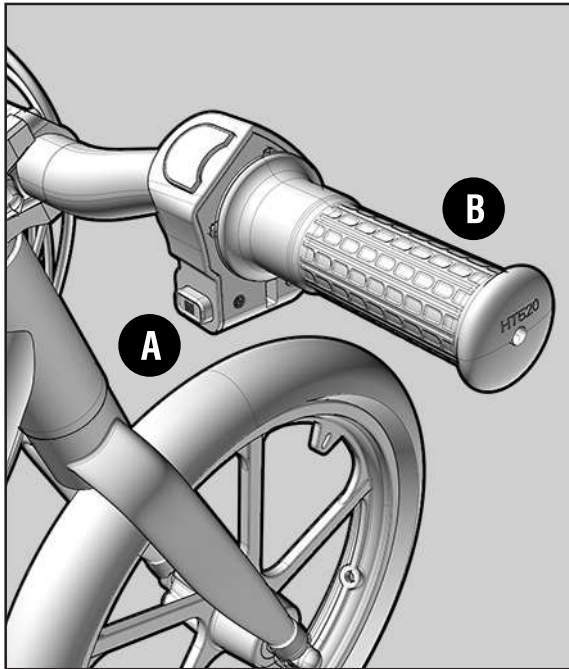
Speed level selector **A**

This sets the speed limits based on rider skills. See the chart below for details

Push-start / Throttle-start toggle **B**

The bike has a Push-start Mode and a Throttle-start mode. When pushed in, the bike can start by only the throttle input. When it's up, the throttle will only apply after the rider set the bike in motion by pushing it off first. We suggest beginners for this latter mode

Speed Levels	12 inch	16 inch
Level I	5mph (8km/h)	6.5mph (10km/h)
Level II	7mph (11km/k)	9.5mph (15km/h)
Level III	9mph (13km/h)	12.5mph (20km/h)

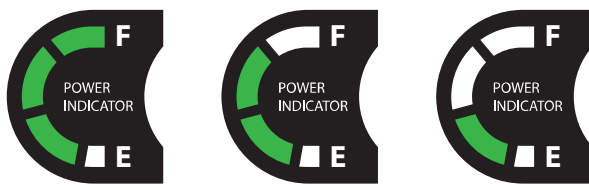


Safety lock **A**

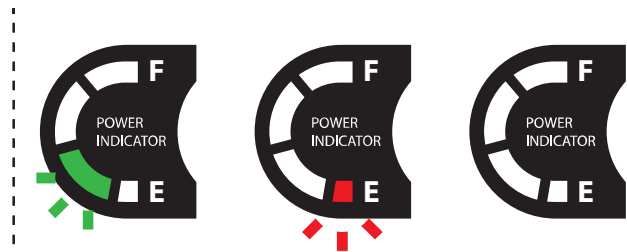
Safety lock. Press down to allow throttle inputs. This avoids accidental twist of the throttle to set the bike off. Usually it is pressed after the rider is properly positioned on the bike and ready to ride

Throttle **B**

Twist the throttle and ride safely



The battery is charged to operate

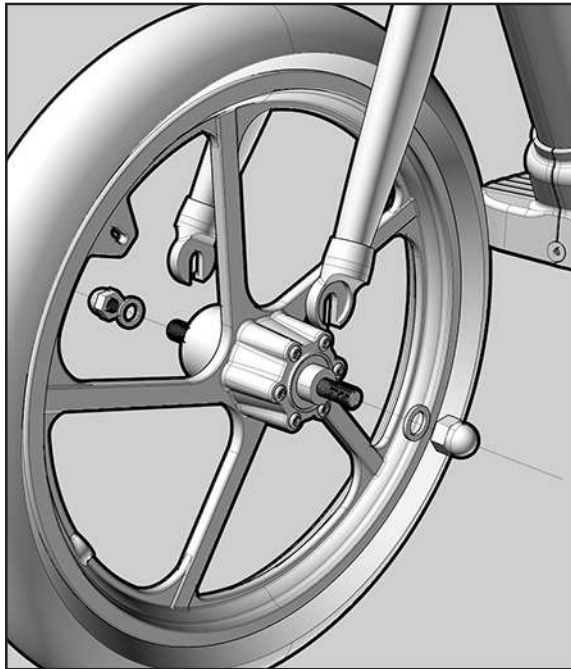


The battery needs charging

Power Indicator

When the power is ON, Power Indicator displays available battery power

Set Up

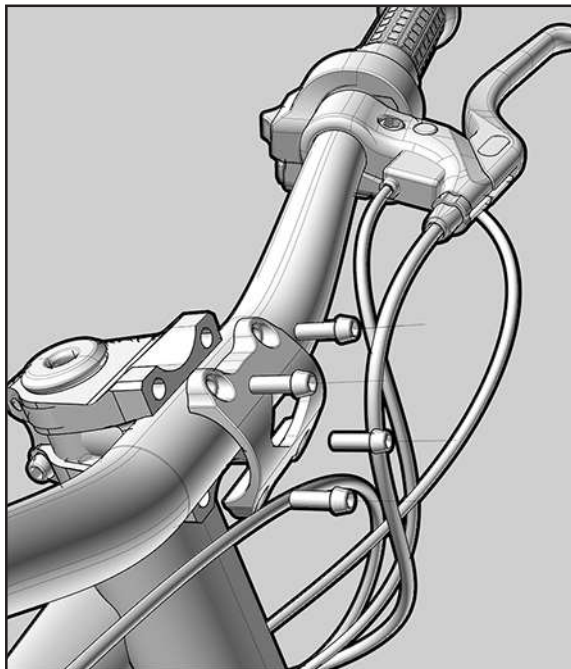


Attach the front wheel

Orient the front wheel and align it to the fork. While both bikes' front wheels are non directional, the 16" wheel has an asymmetrical design feature to take a brake rotor. The illustration is showing it on the same side of the rear brake

Use a 15mm wrench to tighten the axle bolts to 12.5 ft lbs (IMPORTANT- DO NOT OVER-TIGHTEN)

Illustration showing the 16" bike

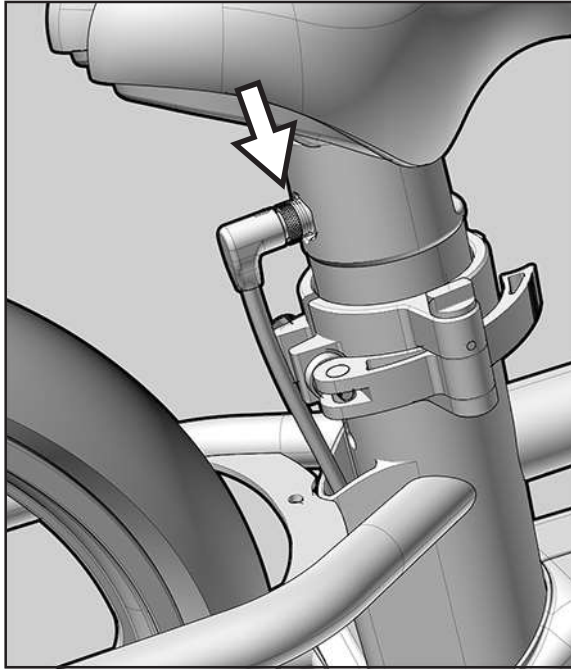


Install the handlebar

Unscrew and take off the handlebar cover. Center the handlebar onto the stem, the brake lever should be in position to be operated by the left hand

Use a 4mm Allen wrench to fasten the four screws halfway, rotate the handlebar to achieve the right fit

Tighten the screws all the way to 3.75 ft lbs to secure the handlebar in place (IMPORTANT- DO NOT OVER-TIGHTEN)



Secure connection

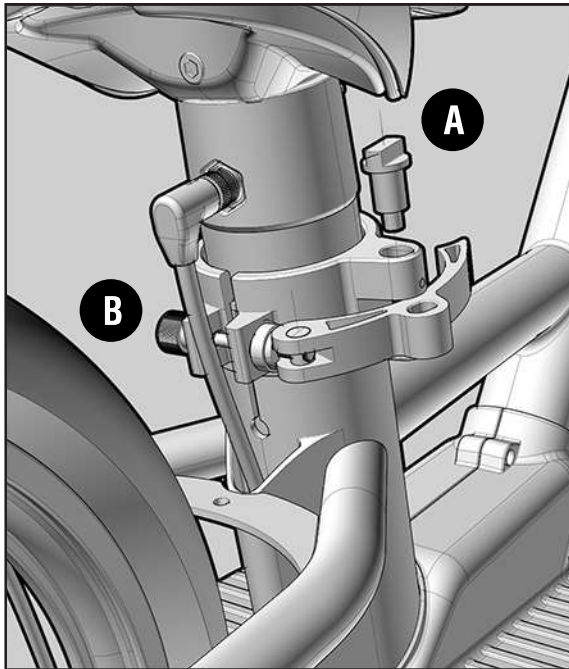
The bike comes with the battery pre charged and installed. Please ensure the cable is securely connected before operation. A loose connection can result in faulty operation of bike

WARNING



An improperly built bike may cause accidents even injuries to the rider and others. If you are uncertain of your mechanical skills, please rely on your local dealer or a professional mechanic for this task.

Preparation



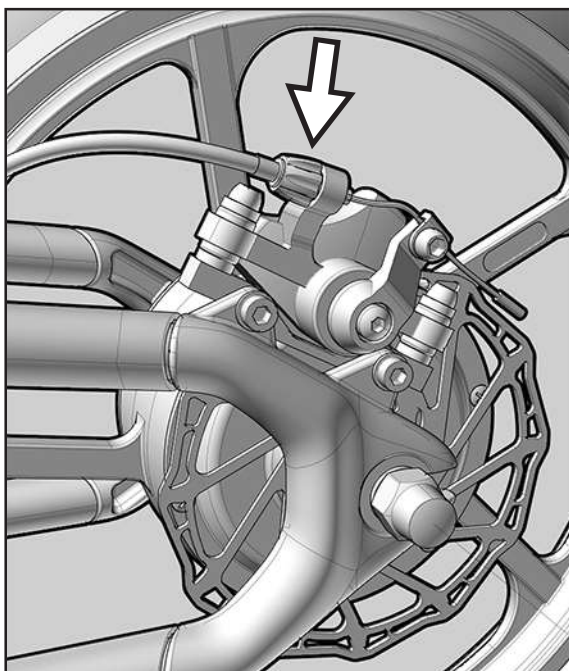
Adjust seat height

Remove the latch screw **A** to open the latch. Make height adjustments. After adjustments, close the latch and tighten the screw back in. The latch nut **B** might need to be adjusted to get the right clamping power.

IMPORTANT

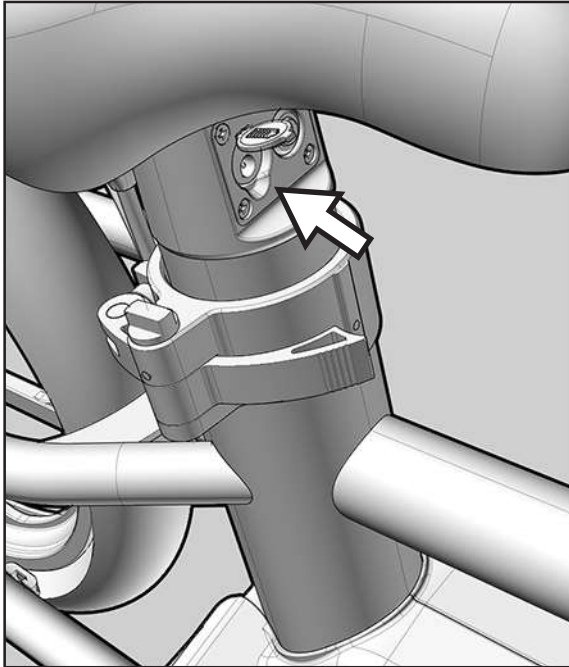


When properly seated, both of the rider's feet should flatly touch the ground simultaneously. Children not meeting these requirements should not be allowed to ride the bike.



Inspect the brake

Squeeze the brake lever to see if it produces adequate stopping power. Adjust the cable tension nut to decrease brake pad free play to increase braking power if needed.

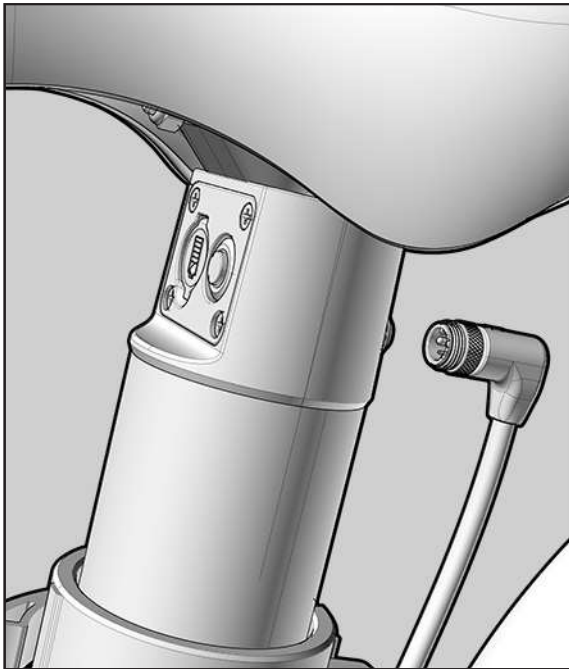


Charging the battery

Use the supplied charger to charge the battery fully the first time you charge it. The battery can be charged on or off the bike.

A child under the age of 8 should not be allowed to use the provided charger and or any charger under any circumstances whatsoever.

Full charging time: 3hr.



Battery installation / removal

Always turn off the battery before attempting to connect / disconnect the battery. Failure to do so might cause damage to the battery

Disconnect the power cable before trying to remove the battery. Tighten the lock screw after connecting to secure the connection

See "Adjust seat height" on the previous page on how to loosen or tighten the battery / seat assembly

IMPORTANT



Only use the supplied Greenger charger to charge your bikes battery. Using unapproved chargers may cause damage to the battery or even cause the battery to catch fire or explode

Training / Riding

For safety concerns, we strongly recommend a gradual approach for young and first time riders to learn to ride this electric balance bike.

Power off mode

Coasting with the power OFF allows young or first-time riders to use the bike as a balance bike. Have the child sit on the bike, feel the weight, and gauge their body positioning. Have them start to walk the bike in a position where both feet can reach the ground. As they get comfortable with the bike, have the child slowly lift their feet of the ground longer each time. Do this step until they are comfortable with both feet on the footrest as they coast. Ensure they feel comfortable turning and braking in the off mode.

Power mode

It is highly recommended after completing the power off mode, you start your child on speed level 1, with push-start mode also engaged. This allows the child time to ease into throttle action. Move your child up on the various speed levels as they feel more comfortable with each level. Use your best judgement to determine when speed change is appropriate for your child, not all children will learn at the same pace.

Starting sequence

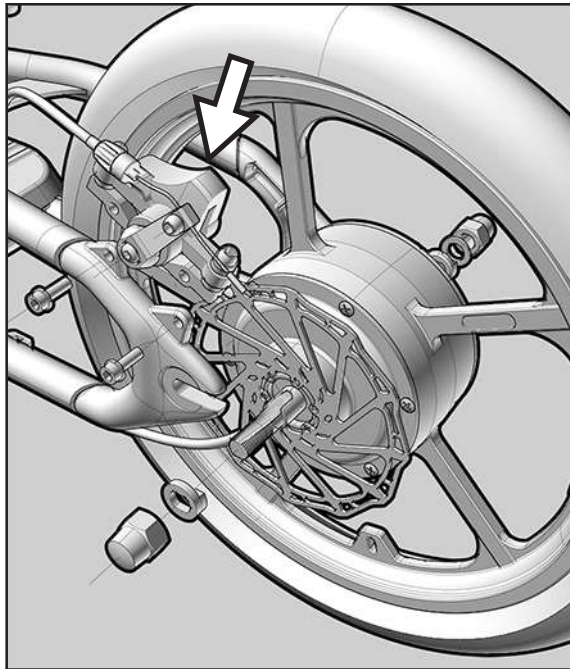
1. Turn Power ON
2. Select Speed Level
3. Select Push-start or Throttle-start mode
4. Release the Safety lock
5. Twist the throttle and ride safely

CAUTION



Always check to make sure the settings are correct before each ride. It could be accidentally reset or changed during and in between rides

Maintenance



Rear wheel removal

Normally, the tires will be worn during riding. Periodically check for tire wear and damage. Electrical systems (motor and controller) and the brake rotor can be hot after riding, allow sufficient time to cool before touching.

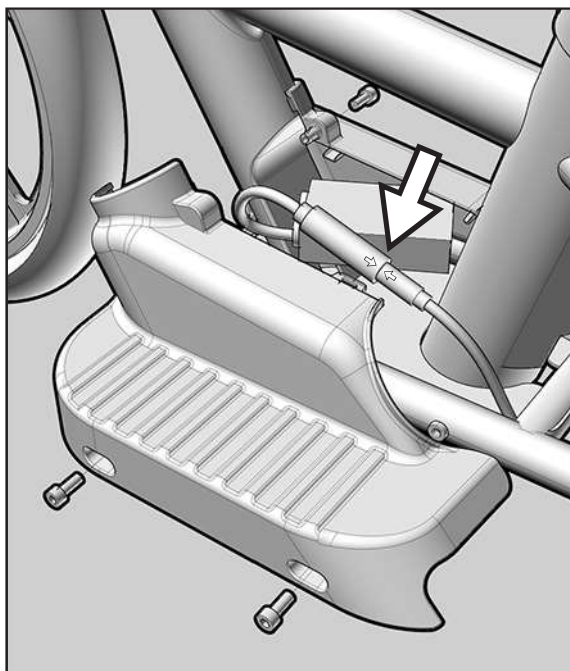
Remove the brake caliper before removing the rear wheel (5mm Allen wrench)

Disassemble the footrest (6 screws, 4mm Allen wrench) and unplug the cable connector (pay attention to the arrow alignment when plugging it back in). Remove the U shaped cable clips to completely free the cable.

With a 19mm socket wrench, unscrew the rear axle nuts. Pull the rear wheel out backward. Be careful not to damage the cable connection on the axel.

When reinstalling the rear wheel, pay attention the washer and locknut positions. Tighten the axle nut to 12.5 ft lbs (IMPORTANT- DO NOT OVER-TIGHTEN)

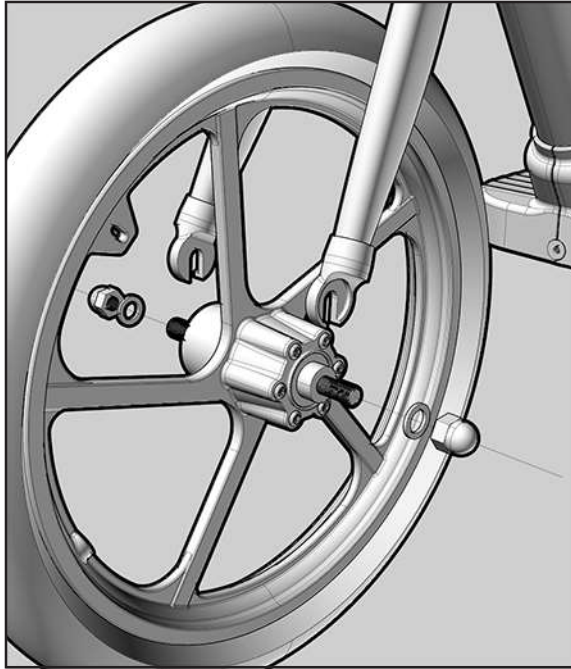
Illustration showing Saddleback 16"



CAUTION



To prevent electric shock, turn the battery power switch off (button up) and remove battery from the bike



Front wheel removal

Use a 15mm wrench to loosen the axle nuts. Pay attention to correct washer positions for reinstallation.

When reinstalling, tighten the axle bolts to 12.5 ft lbs (IMPORTANT- DO NOT OVER-TIGHTEN)

While both bikes' front wheels are non directional, the 16" wheel has an asymmetrical design feature to take a brake rotor. The illustration is showing it on the same side of the rear brake



Battery

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

Warranty

The manufacturer warrants this product to be free from manufacturing and material defects for a period of **One Year** from date of delivery of the bike, or date of purchase from a dealer.

This Limited Warranty does not cover any damage, failure or loss caused by improper assembly maintenance or storage. Wear and tear parts are not covered by this Limited Warranty (Tires, Inner Tubes, Brake rotors, Brake Pads, Grips, Seat, Footrest, brake cables, paint/decals).

This Limited Warranty will be VOID if the following occurred :

1. Damaged in an accident, crash or loss of control
2. Used in a manner other than for its intended purpose
3. Poorly or incorrectly maintained
4. Failed to follow the manual instructions or warnings for the Owner
5. Electronic product or battery exposed to water or modified in any way
6. Damaged part fails to fall within the warranty time window
7. Used for commercial purpose

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

The Limited Warranty is valid only for the original purchaser and is non-transferable. Warranty claims must be accompanied with original certificate of purchase. In case the proof of purchase is not provided, the warranty period shall be become effective from original date of manufacture. The manufacturer does not offer an extended warranty.

Save your original sales receipt with this manual and write the serial number below for your recording.

Serial number:	Date of purchase:
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Thank you again for choosing the Greenger Saddleback.

Enjoy the experience and share with us online:

<https://www.facebook.com/GreengerUSA/>

<https://www.instagram.com/GreengerUSA/>



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