

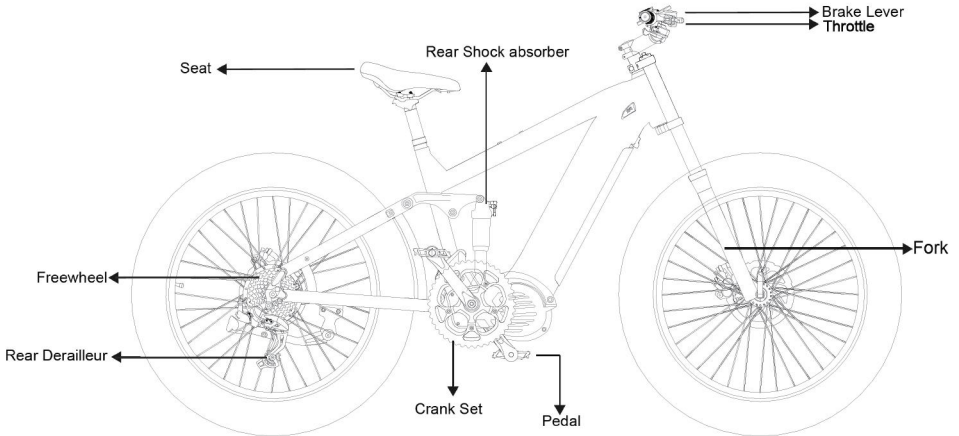


**E-BIKE
OWNER'S MANUAL**

NITRO ALL-TERRAIN



Bike Diagram



First Ride

We know you are excited about getting going but please:

- ✓ Reseat and charge the battery before the first ride
- ✓ Make sure the pedals are tight
- ✓ Make sure the front wheel is installed properly and tight
- ✓ Check to be sure the tires are inflated properly
- ✓ Learn how to use the LCD display
- ✓ Wear a helmet before riding

Please Note: Bike may need further adjustments after assembly

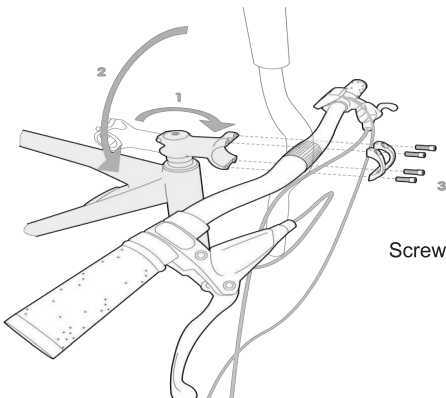
If you have any trouble with setup, please contact us online
<https://www.cyrusher.com/pages/contact>

Assembling

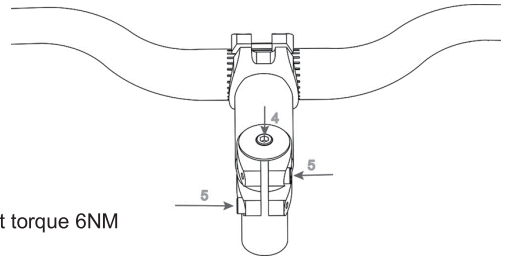
- 1) **Read all of the instructions carefully.** Be familiar with the proper operation of all items.
- 2) This quick guide is intended to list the steps needed to assemble your bike with some mechanical skills. It is not a complete manual or training. **If you do not feel comfortable or lack some of the skills to assemble it yourself, reach out to a cyclist friend, a local bike mechanic or one of our support technicians for guidance.**
- 3) Our QA mechanics have assembled and tested your bike beforehand.
- 4) To assemble your bike, work on a clean area with enough space to maneuver.
- 5) **If installed, remove the battery from the bike to start the assembly.**
- 6) Inspect the bike completely to be sure no damage occurred during shipping.
- 7) The kickstand is designed to support the bicycle only. Not the rider mounted.
- 8) You can adjust your saddle position and the tilt on your handlebar items for comfort.
- 9) Check all screws and parts are tight and properly fixed. We recommend a pre-trip inspection before your first rides.

Installing Your Handlebars

- 1) Point the headset towards the front of the bike.
- 2) Place the handlebar in the handlebar mount being careful with the wires.
- 3) Face the mounting brackets on the front end of the mount with the round edges facing outward.
- 4) Insert the screws into the screw holes and tighten **alternating** sides until secure (4mm allen wrench with 6NM tight torque).
- 5) Verify your front tire lines up with your headset.
- 6) Tighten screws on stem end (4mm allen wrench with 6N strength) and top of the stem (5mm allen wrench with 6-8N strength).
- 7) Check all headset items are tight.



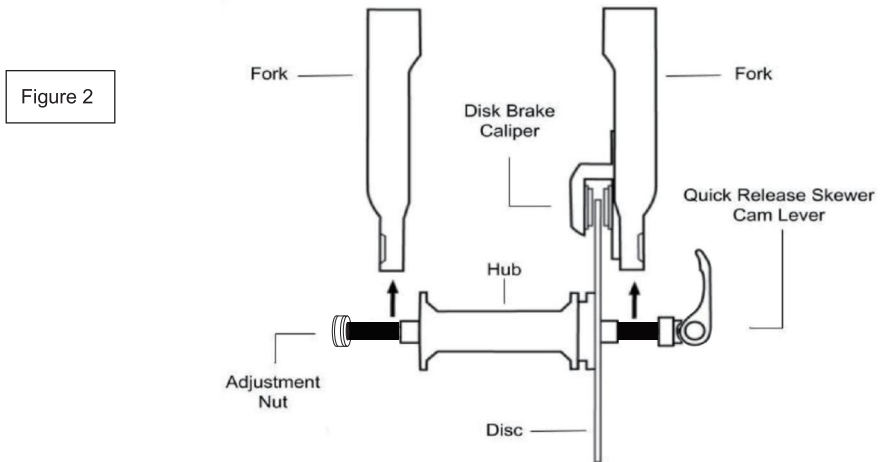
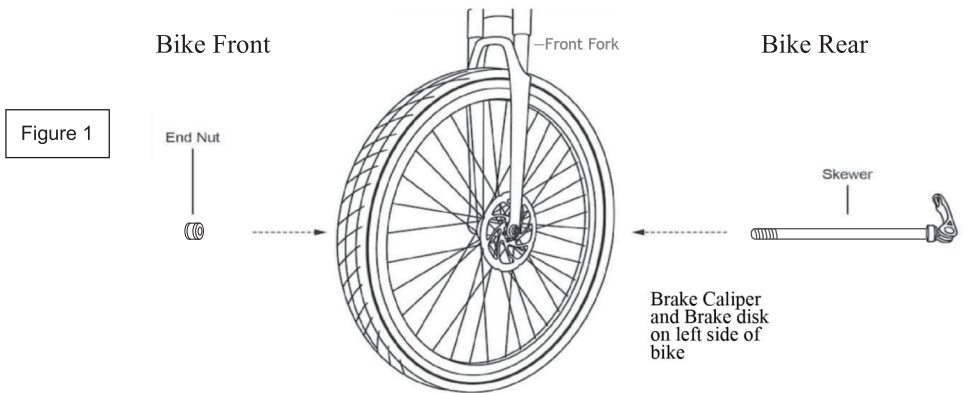
Screw 3: Tight torque 6NM



Screw 4: Tight torque 6-8NM
Screw 5: Tight torque 6NM

Installing Your Front Wheel

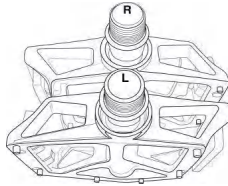
- 1) Insert the front wheel in between the front fork on the bike. Be sure the fork is resting on the outside of the axle.
- 2) Align the disk between the brake caliper as shown in Figure 2.
- 3) Insert the skewer into the wheel axle as seen shown. (See Figure 2)
- 4) Screw the skewer into the end nut until almost tight.
- 5) Lift the lever up until parallel with the front fork. You should feel the axle tighten into the front forks. Your front wheel is now installed.



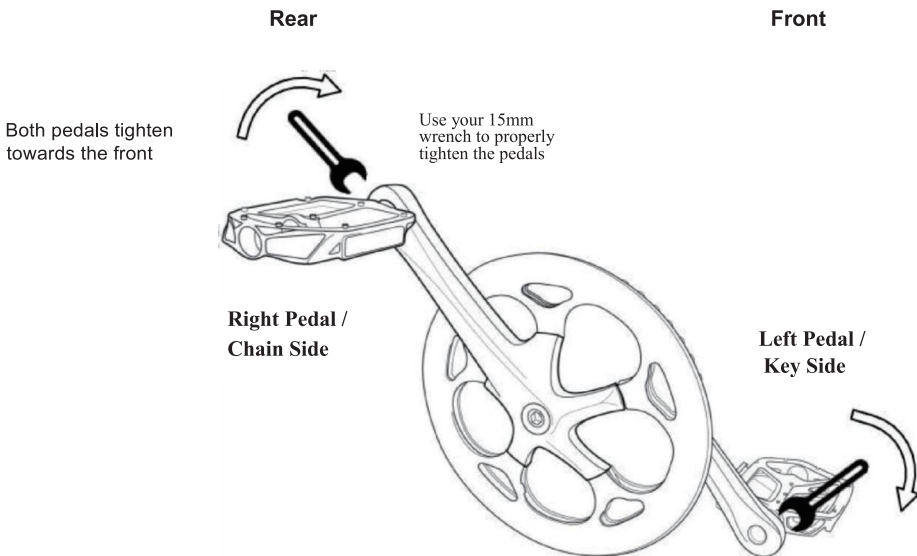
Brake Caliper and Brake disk on left side of bike

Installing Your Pedals

- 1) **Warning:** Incorrect installation will cause damage. Please read the instructions and watch our videos if needed.
- 2) Identify the Left and Right markings on the pedals. They can only be installed in their respective side.
 - a. L is for the Left Pedal and it goes on the Left Crank Arm.
 - b. R is for the Right pedal and it goes on the Right Crank Arm (Chain Side).



- 3) Sitting on your bike the pedals go on the Left and Right side respectively.
- 4) Keep the pedal Horizontal while hand screwing to get the thread started. Then Use your 15mm wrench to tighten them.
- 5) Both pedals tighten towards the front of the bike. The left pedal is **reverse threaded** to allow this.
- 6) **The pedals need to be very tight, be sure to retighten after your first couple rides.**

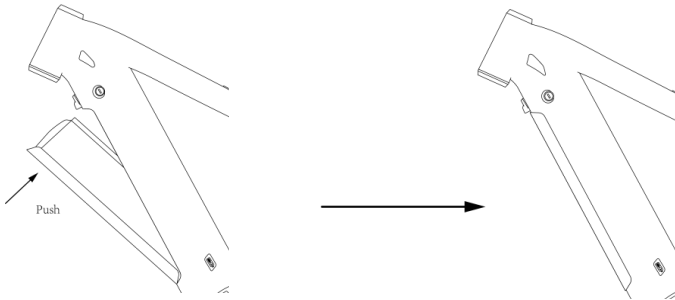


Wrench icon made by Gregor Cresnar from www.flaticon.com

Battery

To Install the Battery

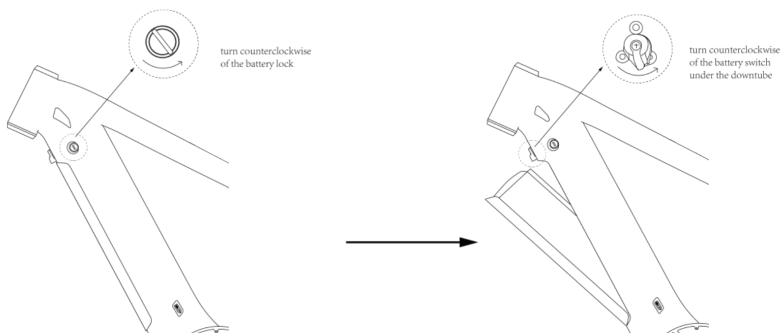
- 1) Turn the key counterclockwise to release the lock.
- 2) Seat the bottom of the battery into the receptacle first and push the upper side of the battery into the frame tightly until it gets locked with a clatter sound. Seat your battery securely, turn the key clockwise to lock the battery. **Remove the key from the lock before each riding.**



To Remove the Battery

- 1) Turn off the LCD display.
- 2) The battery is secured with a double-lock mechanism. Use the key to release the first lock.
- 3) Keep your left hand holding the battery. Use your right hand to turn the lock switch under the downtube counterclockwise and the battery will drop off. When the lock is released, hold the battery with both hands and take it off from the bike.

Note: Please hold the battery tight with one hand at least as it will drop off when the lock is released.



Charging

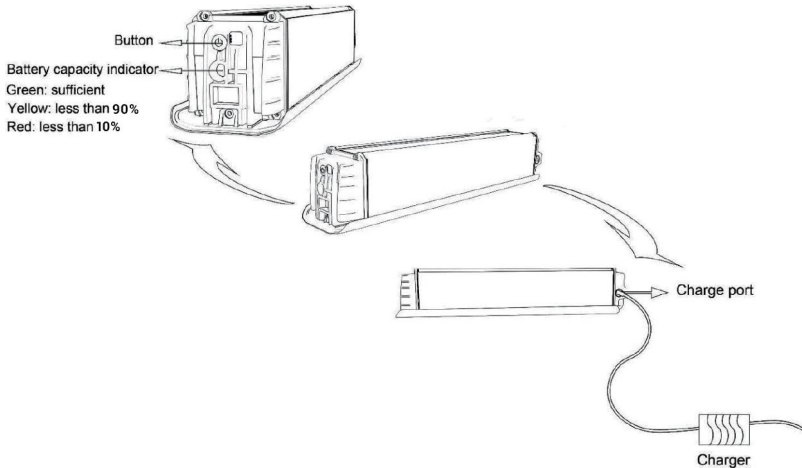
There are two ways to charge your battery.

1. Charge the battery **ON** the bike

- 1) Find the Charge Port at the bottom of the downtube.
- 2) Pull out the cover to show the charge port and insert the charger output plug into the port. Connect the input plug to the power supply.

2. Charge the battery **OFF** the bike

- 1) Take off the battery from your bike.
- 2) Place the battery in a clean and flat place in room temperature.
- 3) Insert the charger output plug into the charge port. Connect the input plug to the power supply.
- 4) There is a capacity indicator at the top of the battery. Press the button beside to check the charge status. Green means sufficient of charge. Yellow means less than 90%. Red means less than 10%.



Notes of Charging:

- 1) Charging time varies from 8 to 10 hours. Never charge a battery for more than 12 hours at a time.
- 2) The small LED light on the charger in RED indicates it is in charge; The small LED light on the charger in GREEN indicates it is fully charged.
- 3) Insufficient charging will not influence the battery lifecycle. AVOIDING deep discharge is helpful to protect the battery and extend its lifecycle.
- 4) If the battery will not be used for a long period, take it off from the bike and discharge its capacity to 60%-80% for stock. Disconnect it from the charger and place it in a dry, ventilated place without direct sunlight. **In order to maintain a long lifecycle, it is recommended to charge the battery every two months** even when it is in static without use.
- 5) Pay attention to check whether the surface temperature of the battery case rises too high during charging. It is FORBIDDEN to cover the battery during charging.
- 6) Due to high temperature in summer time, it is NOT advisable to charge it immediately after riding. In winter, it is **FORBIDDEN** to charge the battery in environment below 0°C. You are recommended to charge it in room temperature.



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