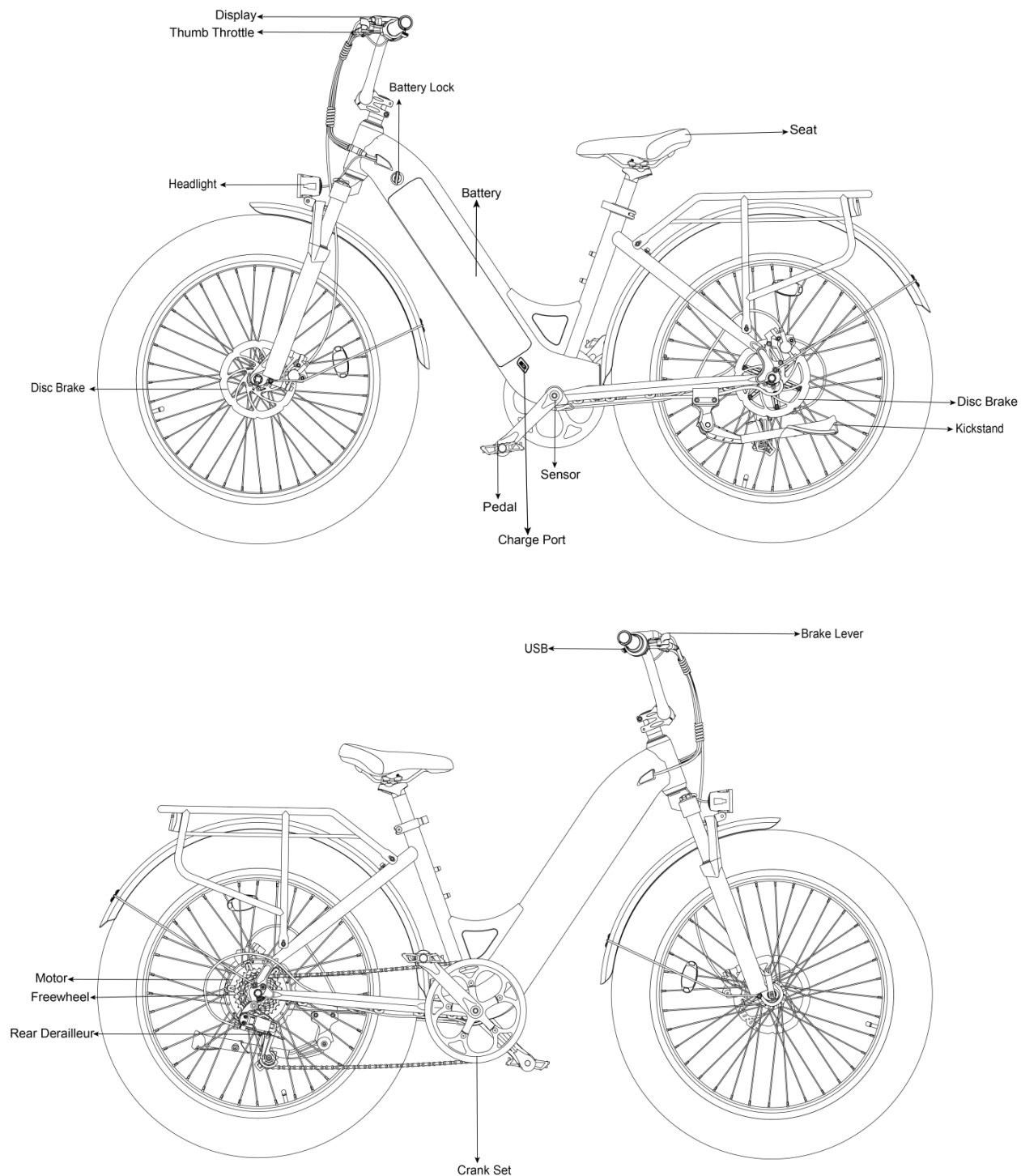


Instructions to Set Up Your Urban Ultra E-bike

Diagram for Urban Ultra E-bike





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
- ✓ Inflate the tires properly
- ✓ Check that all screws are properly torqued
- ✓ Carry out a fine adjustment of the gears and brakes
- ✓ Learn how to use the LCD display
- ✓ Wear a helmet before riding

Please Note: Your bike may need further adjustments after assembly.

If you have any trouble with setup, please contact us online or through our email address: support@xprit.com

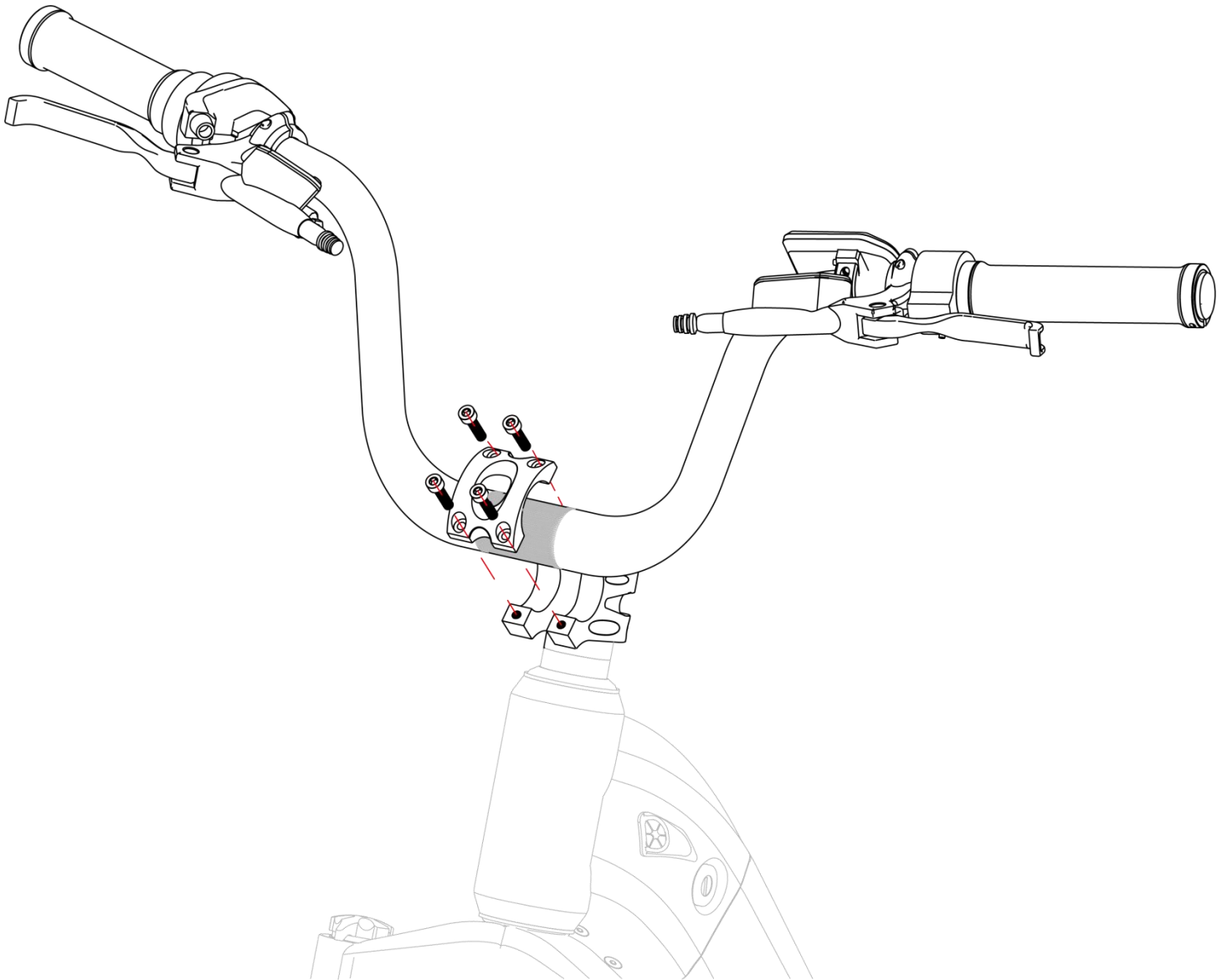


Assembling Your E-Bike

- 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

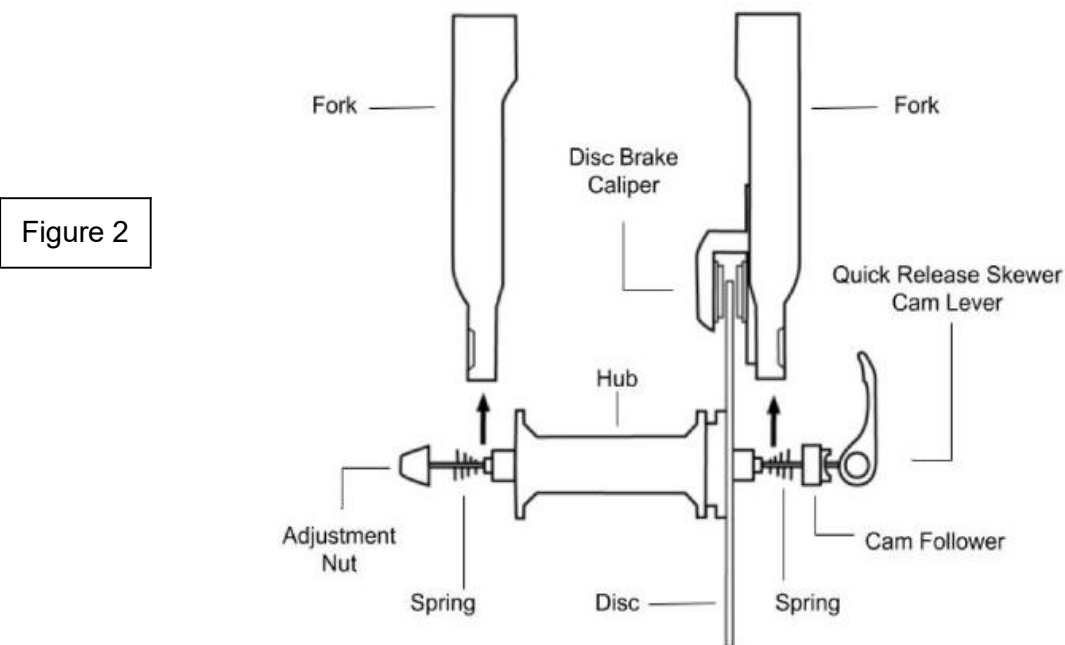
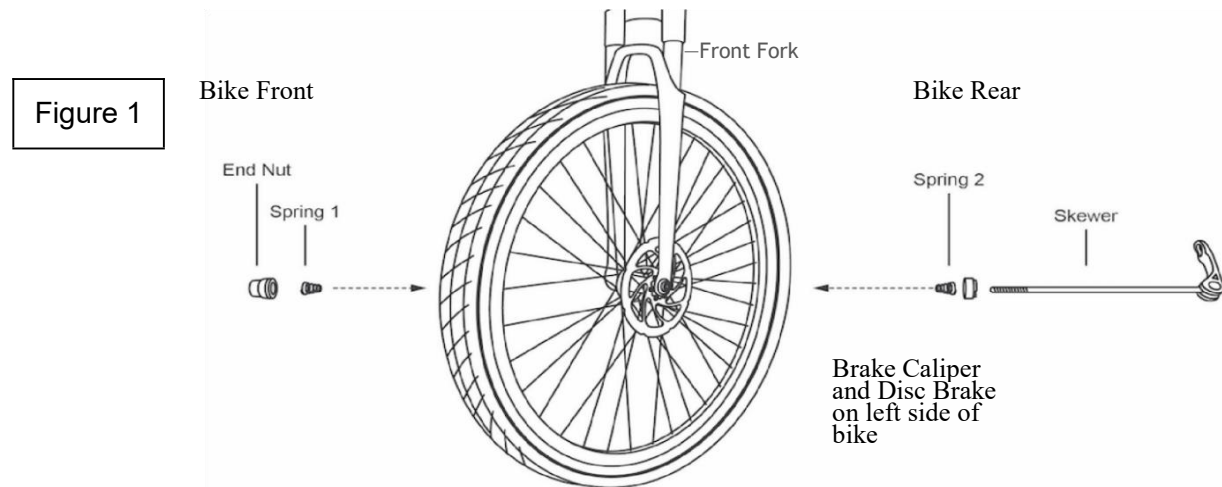
- 1) Place the handlebar in the handlebar mount being careful with the wires.
- 2) Face the mounting brackets on the front end of the mount with the round edges facing outward.
Adjust the handlebar angle to your comfortable riding posture.
- 3) Secure the mounting brackets with four screws. (Screws shall be tightened with **6N.m** torque)
- 4) Verify your front tire lines up with your headset.
- 5) Check whether all headset items are tight.



Installing Your Front Wheel - Quick Release Version

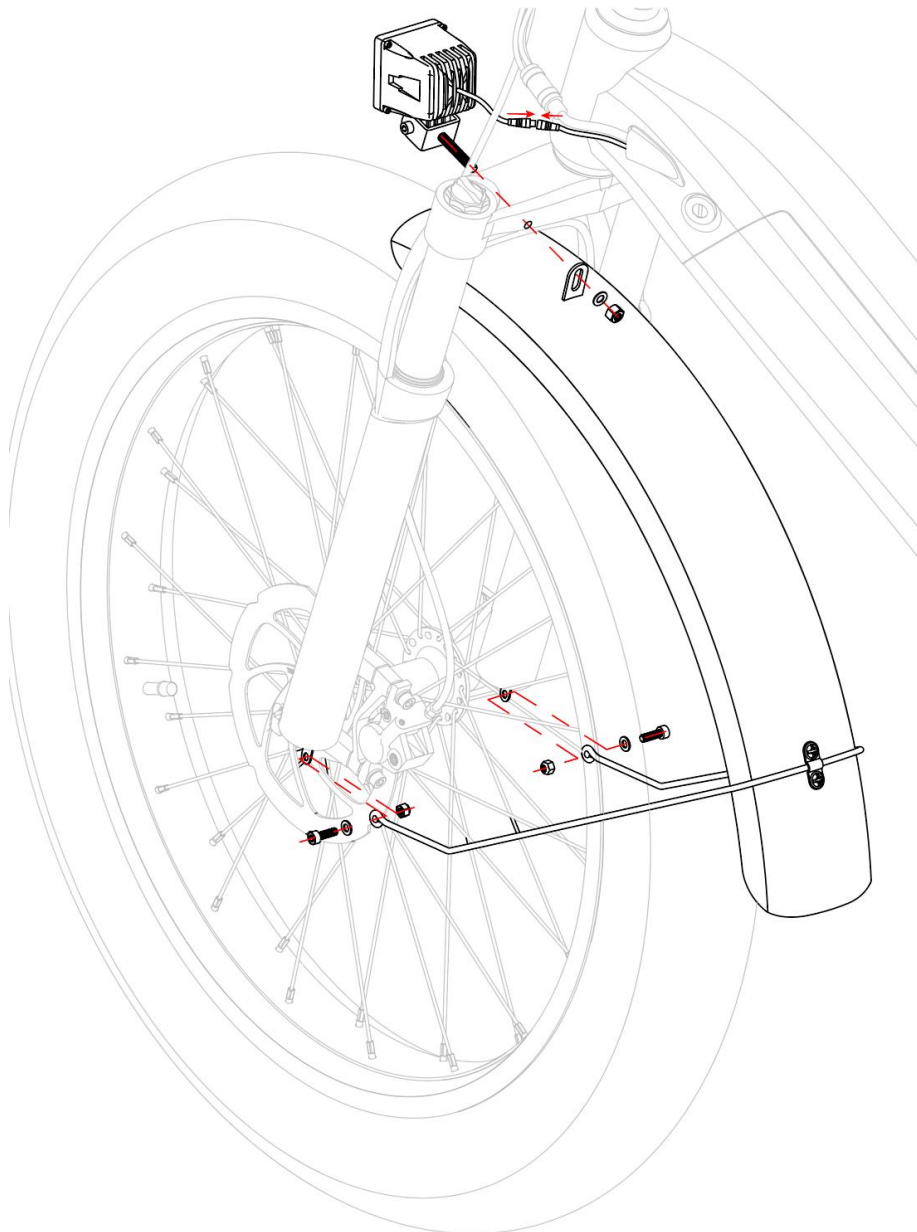
Insert the front wheel in between the front fork on the bike. Be sure the fork is resting on the outside of the axle.

- 1) Align the disc brake between the brake caliper as shown in Figure 2.
- 2) Insert the skewer into the wheel axle (See Figure 1). Note: spring, cam follower, and lever should be on the **LEFT** side of disc brake. The adjustment nut and spring should be on the right side. (See Figure 2)
- 3) Screw the skewer into the end nut until almost tight.
- 4) 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.



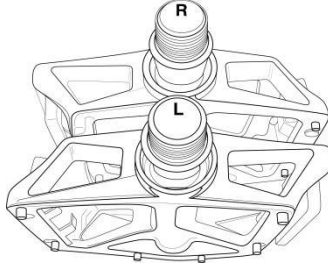
Installing Your Front Fender and Headlight

- 1) Install the front fender first. Align the fender clamps on the left and right legs of the fork with the fender stay to enable the fender in the line with the wheel. Fix the stay with screws (M5 screw) provided on the clamp.
- 2) Place the headlight with its bracket in front of the fork gantry, put the lifting lug of the fender behind it. Link and secure the three pieces with the screw provided on the headlight (you might need to secure the opposite nut slightly so the screw doesn't turn).
- 3) Connect the headlight cable with the wire coming from battery tube.

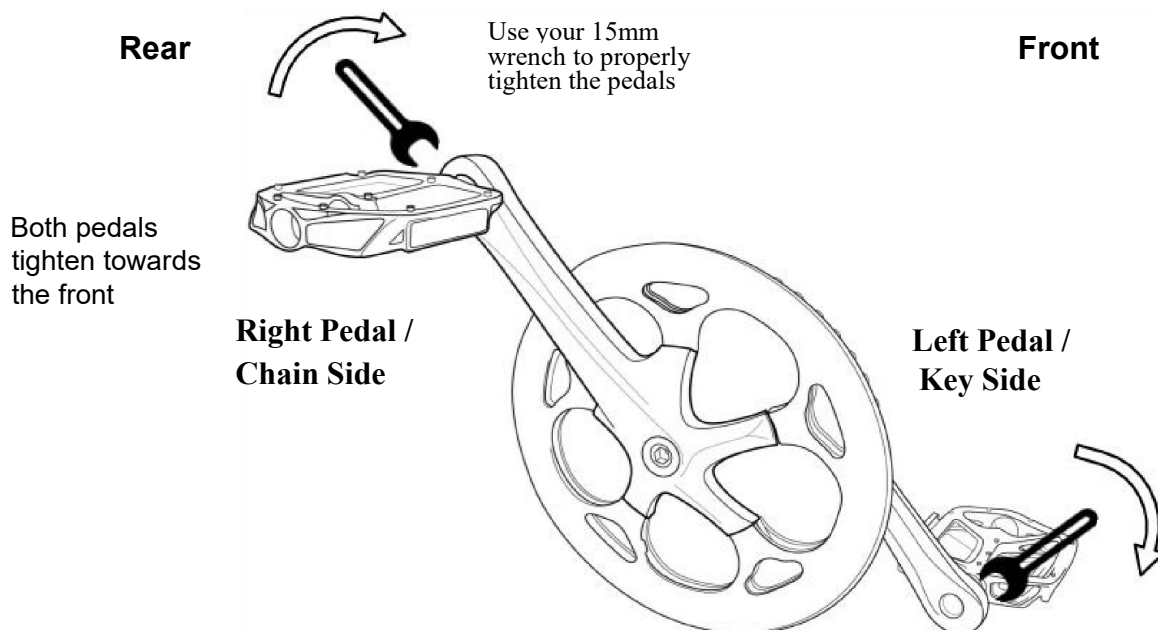


Installing Your Pedals

- 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 (at least 25-35N.m torque), be sure to retighten after your first couple rides.**



Preparations Before Riding

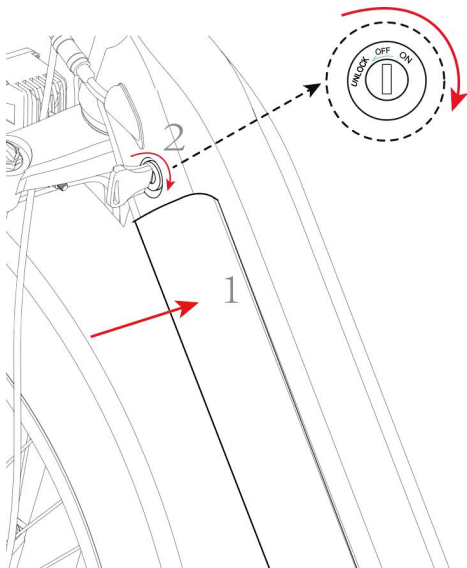
- 1) **Read all instructions carefully**, be familiar with the proper operation of all items. Check for detailed information and guidance on our product page.
- 2) **Warning:** Basic electric precautions should always be followed to avoid issues or malfunction.

How to Power on the Bike

To Lock the Battery and Power on the bike

There are 3 gears on the power lock in the top of the downtube. From clockwise direction: Unlock gear- Lock/Power off gear-Power on gear.

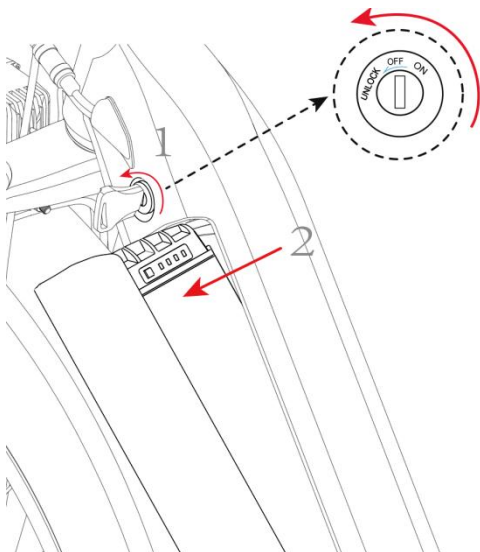
- 1) Turn the key on the unlock gear. Place the battery back to the battery tube, press it into the tube tightly and turn the key clockwise to the Lock gear, then the battery locked. If battery is not properly seated, users cannot take down the key.
- 2) Turn the key clockwise again one more gear to power on the bike. Now the bike is power on.



To unlock and Remove the Battery

- 1) Turn off LCD display. Turn the key to the off gear to power off the bike.
- 2) Push the key inward and turn counterclockwise to unlock the battery. Battery will pop out.
- 3) Use your hand to pull out the battery.

Note: The battery weighs heavy and should be handled with care.




When the Battery is Removed

- Do not touch the “+” and “-” terminal contacts on the top of the battery when the battery is removed from the bike.
- Be careful not to drop or damage the battery when loose from the bike.
- Avoid damaging the exposed connector terminals and keep them clear of debris.

How to Use the Display



1) Power on/off

Press the  button to turn on the display. Your bike will be **ON**. Press again to turn it off. The display will automatically shut down when there is no operation or riding for 5 minutes.

2) Adjust the assist level

XPRIT

Short press “+” or “-” button to change the assist level from 0 to 5. 0 is without assist. 5 is the max assist level.


3) Headlight

If your bike is installed with a headlight, press and hold “+” button for 1 second to switch on or switch off the headlight.



4) Walking mode

Press and hold “-” button for 2 seconds to shift into walking mode, the display indicates P and the bike will be propelled at walking pace. Release the button to exit the walking mode.

5) Information menu

Press the  button for 1 second to shift into information menu, it will show TRIP, ODO and TIME.

6) Parameter setting menu

With the display powered on, if you quickly press the  button twice, it will shift into the parameter setting menu. Users are NOT supposed to change the factory default settings. You may exit by quickly pressing the  button twice again or leave it without operation for 30 seconds.

Other operations

USB port

There is USB charge port on the left side of handlebar which you can connect to charge your cellphone.

Cruiser Control Function

The cruise control feature can be used to maintain a desired speed without using the Throttle or Pedal Assist.

To activate the Cruise Control function:

Use the throttle or pedal assist to reach your desired speed. While holding the throttle in a stable speed (speed should be over 10mph) over 5 seconds, it will enter into cruise mode.

Under cruise mode, the current speed will be maintained without the need to use the throttle or pedal assist.

Deactivating the Cruise Control

To discontinue the use of the cruise control function you can do the following actions:

- Use the brakes by squeezing the brake lever
- Use the throttle

How to Charge Your Bike

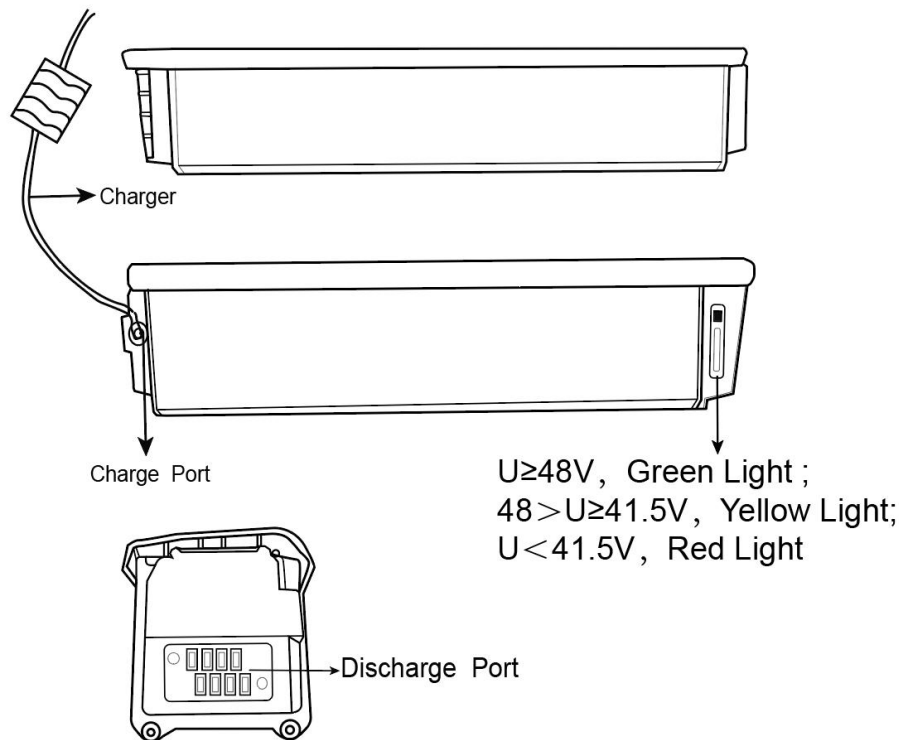
The battery can be charged when locked on the bike or unlocked and removed from the bike.

- 1) Remove the rubber cover on the charging port and insert the charger into the charging port.
- 2) Plug the charger into an appropriate power outlet. When the charger is plugged in, the red light on the charger will illuminate to show that the battery is charging.
- 3) Charge the battery, making sure not to charge for longer than 12 hours at a time. When the battery is fully charged, the LED will turn green and charging will be stopped.

Note: The charger is designed to automatically stop charging when the battery is full, but unnecessary wear of the charging components could occur if the charger is left attached to the battery and a power source for longer than 12 hours. Detach the charger as soon as possible once the green light indicates a complete charge, to avoid unnecessary wear of charging components.

- 4) Once the battery is charged, unplug the charger from the power outlet.
- 5) Unplug the charger from the battery. Store the charger in a safe place for future use.

Note: The battery capacity indicator located at the left side of the battery indicates the battery capacity status. GREEN light indicates the voltage is higher than 48V; YELLOW light indicates the voltage is in between of 48V and 41.5V; RED light indicates the voltage is less than 41.5V. It's recommended to charge the battery in time when it's under yellow light status.



Notes of Charging and Storage

1) 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.

2) 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. It is recommended to charge the battery in room temperature.

1) 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.

Error Code

Error Code	Error	Notes
4	Open Throttle Fault	Throttle has not returned to the start position on start-up. Check to see if the throttle can return to the start position or if there is something blocking the throttle unit. Contact technical support.
5	Throttle Fault	Throttle may be damaged. Check the throttle or throttle cable for damage. Contact technical support.
6	Low Voltage Protection	The battery voltage is too low to operate. Incorrect battery was used on the bike. The battery is in sleep mode or not functioning correctly. Contact technical support.
7	Over Voltage Protection	The battery voltage is too high to operate. Incorrect battery was used on the bike. Check to be sure that the correct battery is being used on the bike Contact technical support.
8	Motor Hall Signal Fault	At least one of the motor's hall sensor wires have been disconnected or damaged. Disconnect and reconnect the motor cable. Contact technical support.
9	Motor Phase Line Fault	At least one of the motor's phase wires has been disconnected or damaged. Contact technical support.
10	High Temperature Fault	The controller has reached the highest allowable temperature. Allow the controller to cool down before using the e-bike again. Contact technical support.
11	Temperature Sensor Fault	The controller's temperature sensor has become disconnected or damaged. Contact technical support.
12	Current Sensor Fault	The controller's current sensor has become disconnected or damaged. Contact technical support
21	Speed Sensor Fault	The speed sensor has become disconnected or damaged. Contact technical support.
30	Communication Fault	Poor connection between the controller and the display. Check all cable connectors. Check for corrosion damage. Contact technical support.

BASIC TROUBLESHOOTING

SYMPTOMS	CAUSES	SOLUTIONS
Throttle and pedal assist not working	● Battery off	● Turn on battery
	● Battery installation	● Reseat battery
	● LCD display not on	● Turn on LCD display
	● Discharged battery	● Charge battery
	● Brake sensors engaged	● Inspect brake lever
Reduced speed	● Low battery power	● Charge battery
Reduced battery range	● Low battery power	● Charge battery
	● Low tire pressure	● Inspect tire
	● Heavy load on bike	● Adjust bike load
	● Driving on rough terrain	● Adjust route
	● Using throttle only	● Include pedal assist
Battery does not charge	● Charger not properly connected	● Inspect connections
	● Battery temperature	● Read the user manual for best practices
	● Damaged charger	● Replace charger
	● Issue with battery	● Contact Support Team
E-bike making strange noises	● Loose hardware	● Tune-up and inspection needed
	● Issue on drivetrain	● Maintenance needed
	● Issue with motor	● Contact Support Team



Label of Your Urban Ultra Ebike

A large, empty rectangular box with a thin black border, intended for a user to paste or draw the label of their Urban Ultra Ebike.



To find out more, please visit our website at

www.xprit.com