



ASSEMBLY GUIDE

Recreation Series

GLIDER



ATTENTION

Please read this manual carefully before using the Cyrusher electric bicycle. If you do not understand this information, or if you do not cover the issues covered in this manual, please contact the dealer.

Glider

Warranty Card

Customer

Dealer

Name: _____

Name and address:

Address: _____

Tell: _____

Date of Purchase:

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01/ ABOUT THIS GUIDE

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. Our QA mechanics have assembled and tested your bike beforehand. If installed, remove the battery from the bike to start the assembly. To assemble your bike, work on a clean area with enough space to maneuver. Finally, You can adjust your saddle position and the tilt on your handlebar items for comfort.

It is also important that you should check all screws and parts are tight and properly fixed. We recommend a pre-trip inspection before your first rides. your first ride on a new Glider is taken in a controlled environment, away from cars, obstacles, and other cyclists.

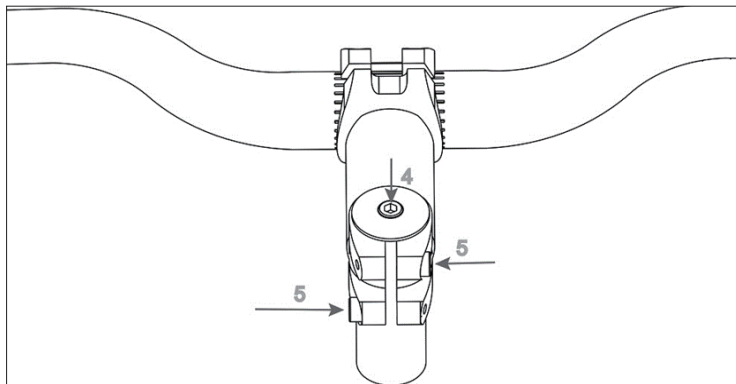
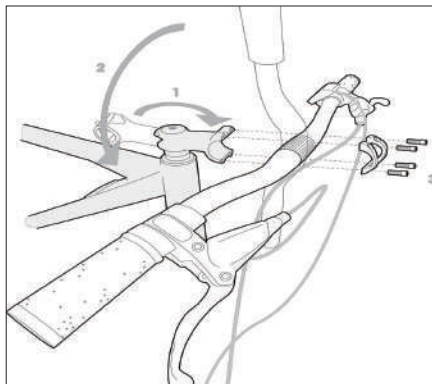
If you have questions or comments, please don't hesitate to contact us:

<https://www.cyrusher.com/pages/contact>

02 / ASSEMBLY INSTRUCTIONS

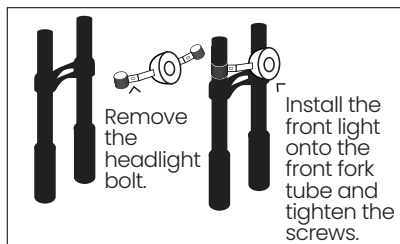


Part1 Installing Your Handlebar



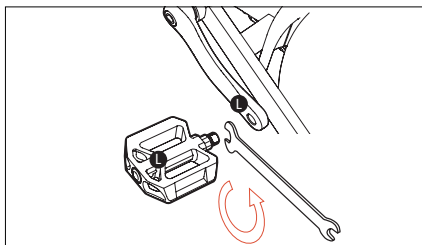
- ① Point the headset towards the front of the bike.
- ② Place the handlebar in the handlebar mount being careful with the wires.
- ③ Face the mounting brackets on the front end of the mount with the round edges facing outward.
- ④ Insert the screws into the screw holes and tighten alternating sides 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.
- ⑧ Screw 3: Tight torque 6NM
Screw 4: Tight torque 6-8NM
Screw 5: Tight torque 6NM

Part2 Installing Your Headlight & Installing Your Pedals



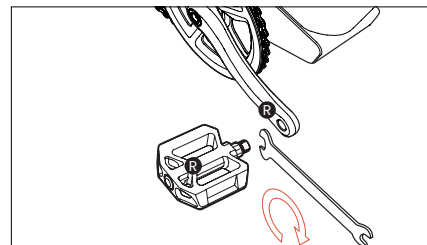
①

If included, attach headlight by removing front headlight bolts and positioning headlight before loosely screwing bolts back in place. Finally, adjust the headlight to the desired position then tighten.



②

"L" is for the Left Pedal and it goes on the Left Crank Arm.



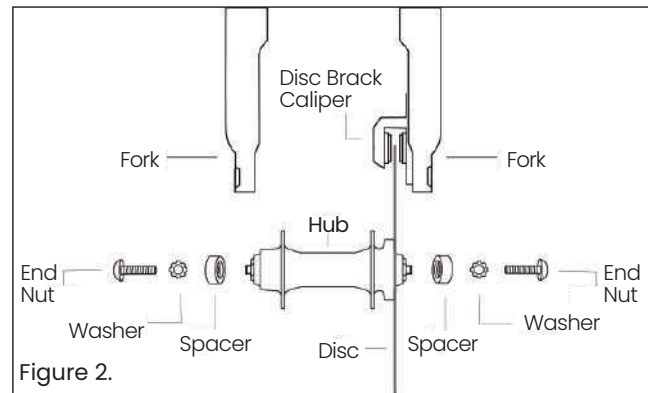
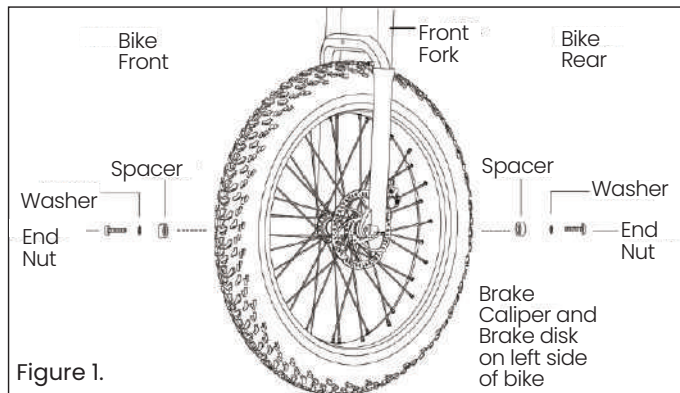
③

"R" is for the Right pedal and it goes on the Right Crank Arm (Chain Side).

- Identify the Left and Right markings on the pedals. They can only be installed in their respective side.
- Sitting on your bike the pedals go on the Left and Right side respectively.
- Keep the pedal Horizontal while hand screwing to get the thread started. Then Use your 15mm wrench to tighten them.
- Both pedals tighten towards the front of the bike. The left pedal is reverse threaded to allow this.
- The pedals need to be very tight, be sure to retighten after your first couple rides.

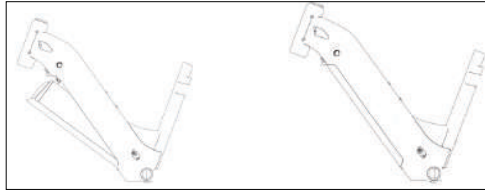
⚠ Warning: Incorrect installation will cause damage. Please read the instructions and watch our videos if needed.

Part3 Installing Your Front Wheel



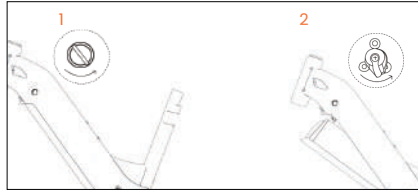
- ❶ Insert the front wheel between the front fork on the bike. Be sure to align the disk between the brake caliper as shown in Figure 2.
- ❷ Now on the outside add the spacer, washer and end nut on each side and hand turn until almost tight.
- ❸ Using 5mm allen wrench, tighten each side end nut putting your weight into the wrench.
- ❹ The end nut must be very tight, be sure to re-tighten after your first couple rides, its tight torque shall be 15-18NM.

Part4 Installing / Removing Your Battery & Recharging Your Battery



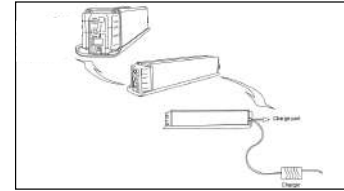
①

1. Turn the key counterclockwise to release the lock.
2. Place the bottom of the battery into the socket and forcefully push the upper side into the frame until the battery locks and makes a clicking sound. Turn the key clockwise to lock the battery.



②

1. Turn off the LCD display. Release the first lock with the key.
2. Hold the battery with your left hand. Rotate the locking switch below the lower sleeve counter clockwise with your right hand. Grasp it with both hands and remove it.



③

- There are two ways to charge your battery.
1. Recharge the battery on E-Bike directly
 2. Remove battery from the E-Bike and recharge separately

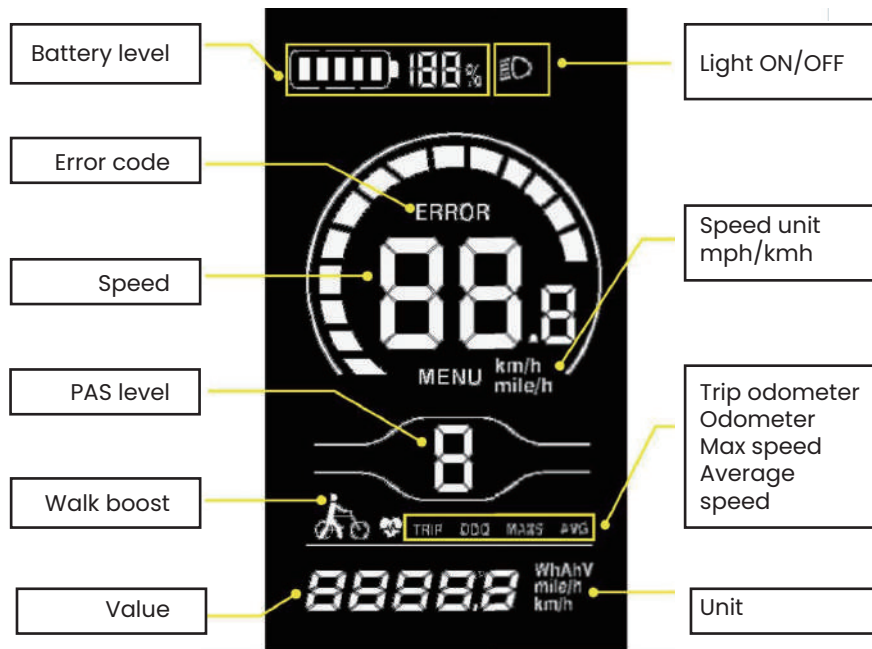
- Charging time varies from 8 to 10 hours. Never charge a battery for more than 12 hours at a time.
- The red light indicates the charging status; The green light indicates that it is fully charged.
- Insufficient charging will not influence the battery lifecycle. AVOIDING deep discharge is helpful to protect the battery and extend its lifecycle.
- 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.
- 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.
- 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.

03 /

OPERATIONAL INSTRUCTIONS



Part1 LCD meter functional area distribution



1.1 Button definition

The display is equipped with buttons on the corresponding operating unit: power on/off [🔌] plus [➕] minus [➖] / [🔌] walk boost, toggle [1] and light [💡].

Part2 Routine operation

2.1 Power on/off

Long press [🔌] to power on/off the display. The display will automatically shut off if it is not used for more than 5 minute.

2.2 Display interface switching

When the display is powered on, it will show the Current Speed (MPH) and Trip odometer(mile) by default.Short press [1] to switch between Trip Odometer(mile), Odometer (mile), Maximum Speed (MPH), Average Speed (MPH) and Riding Power.

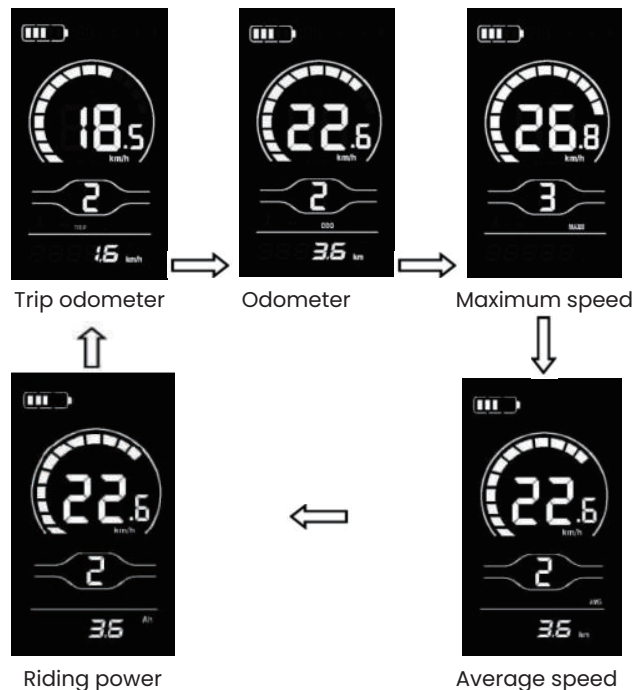


Fig. 2-2
Display Interface Switching

2.3 Walk boost mode

Long Press and hold [] the electric bike enters the walk boost mode. The electric bike will walk at a fixed speed of 6 km per hour and the display shows []. Release the button to stop the power output immediately and it will restore to the state before walk boost.



Fig. 2-3

Walk boost mode display interface



The walk boost mode can only be used when pushing the electric bike, please do not use it while riding

2.4 Turning on/off lights

Press the [] to turn on the light and the display backlight becomes dim. Press again to turn off the lights and the backlight restore brightness.

2.5 PAS level selection

Press [] / [] to switch PAS level of electric bicycle, thus changing the motor output power.



Fig. 2-5

PAS level display interface

2.6 Battery level display

The Battery level is shown as 5 bars. When the battery is full charged, all 5 bars light up. When the battery is fully depleted, the bar will begin to flash, warning the user to charge the battery as soon as possible.



Empty power flashing

2.7 Riding power

The display can indicate the motor output power as shown in the below figure.



Fig. 2-7
Riding Power Interface

2.8 Error code display

If there is a fault that occurs in the electronic system of the electric bike, the display will automatically show an error code, see Annex 1 for a detailed definition of the error code.



When the error code appears on the display, please troubleshoot the problem in time, the electric bike will not be able to drive normally after the problem occurs.



Fig. 2-8
Error Code Interface

Part3 Parameter setting

3.1 General parameter setting

All parameters can only be set when your e-bike stops. The steps for general setting are as follows:
In the power-on state, when the display shows the speed of 0.

- (1) Press and hold the buttons **[+]**/**[-]** at the same and time for more than 2 seconds to enter the personalized parameter setting interface;
- (2) Press the button **[+]**/**[-]** to switch the selection interface of general setting options, and press the button to enter the parameter modification interface;
- (3) Press the button **[+]**/**[-]** for parameter selection;
- (4) Press the button **[i]** to save the parameter and return to the selection interface of general setting options;
- (5) Press and hold the button **[i]** to save the parameter and exit the selection interface of general setting options.

3.2 Metric/imperial system setting

01P refers to the metric/imperial system setting option. 01 represents the imperial system, and 00 represents the metric system.

Press the button **[i]** to enter the parameter modification interface. Press the button **[+]**/**[-]** for parameter selection. Press the button **[i]** to save the parameter and return to the selection interface of general setting options.



Fig. 3 - 2-1
Imperial System Setting
Interface



Fig. 3 - 2-2
Metric System Setting
Interface

3.3 Wheel diameter setting

04P is the wheel diameter setting. This bike setting is (29). Press [1] to enter the parameter changing state. Press the [⊕]/[⊖] to select the parameter and press [1] to save the parameter setting and return to the personalized parameter setting interface.



Fig. 3 - 3
Wheel Diameter Setting
Interface

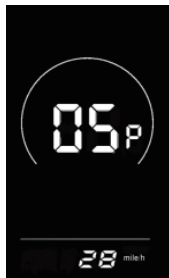


Fig. 3 - 4
Pedal assist speed limit
setting interface

3.4 Pedal assist speed limit setting

05P is the pedal assist speed limit setting. By modifying its value, you can set the pedal assist speed of your e-bike. The select able range of the maximum speed setting value is 7.5mph -28mph(12km/h-45km/h). Press [1] to enter the parameter changing state. Press the [⊕]/[⊖] to select the parameter and press [1] to save the parameter setting and return to the personalized parameter setting interface.

Part4 Additional functions

There is a USB mobile phone charging port on the side of the meter button, its working output is 5V 1A (maximum 2.8A), please use the standard charging cable for charging, and cover this USB port when not in use.

04 / TROUBLE SHOOTING



Error Codes

Error Code	Error	Notes
E001	Controller fault	The controller's current sensor has come disconnected or damaged. Re-start to check if it recovers. Contact technical support for help.
E002	Communication fault	Poor connection between the controller and the display. Check all cable connectors. Check for corrosion damage.
E003	Motor hall signal fault	The motor's hall sensor wire has been disconnected or damaged. Try to disconnect and reconnect the motor cable and check if it recovers. If not, contact technical support for help.
E004	Throttle fault	Throttle has not returned to the start-up position. Check if the throttle gets stuck. Try to return the throttle to the start-up position.
E005	Braked	Brake is in braking state. Check and make sure the brake lever is not stuck at braking. Change the brake lever if it doesn't recover.
E006	Motor Phase line fault	The motor's phase wire has been disconnected or damaged. Try to disconnect and reconnect the motor cable and check if it recovers. If not, contact technical support for help.

Solutions

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

Seek New Paths

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