



**PIXAR | ELECTRIC
BICYCLE**
RIDING GUIDE

IMPORTANT, RETAIN FOR FUTURE
REFERENCE: READ CAREFULLY

pixarebike.com



DO NOT RETURN TO STORE !

If you need any help with your new **Pixar** eBike ,whether it is missing parts or you need help with assembly, please email us at

info@pixarebike.com.

We will be sure to respond!



Welcome

Thank you for purchasing the ebike from Pixar eBike.

We take pride in bringing you a quality product that will offer years of enjoyment. Please read and understand this manual fully before assembling and riding your bike.

If you have any questions after reading this manual, please reference the **Pixar** eBike Help Center or contact us by email.

We are here to help!

Email: info@pixarebike.com.

Website: pixarebike.com



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Using This Manual

This manual contains details of the product, its equipment, and information on operation, maintenance, and other helpful tips for owners. Read it carefully and familiarize yourself with the ebike before using it to ensure safe use and prevent accidents. This manual contains many warnings and cautions concerning the safe operation and consequences if proper setup, operation, and maintenance are not performed. All information in this manual should be carefully reviewed and if you have any questions, you should contact Pixarebike immediately.

The notes, warnings, and cautions contained within the manual and marked by the triangular Caution Symbol should be given special care. Users should also pay special attention to information marked in this manual beginning with **NOTICE**.



Keep this manual, along with any other documents that were included with your bike, for future reference, however all content in this manual is subject to change or withdrawal without notice. Pixarebike makes every effort to ensure the accuracy of its documentation and assumes no responsibility or liability if any errors or inaccuracies appear within.

Assembly and first adjustment of your bike from Pixarebike requires special tools and skills and it is recommended that this should be done by a certified, reputable bike mechanic if possible. Because it is impossible to anticipate every situation or condition that can occur while riding, this manual makes no representations about the safe use of bikes under all conditions. There are risks associated with the use of any bike that cannot be predicted or avoided and are the sole responsibility of the rider.

General Info

Assembly and Fit

Correct assembly and fit are essential elements of ensuring your bicycling safety, performance, and comfort. Even if you have the experience, skill, and tools to complete these essential steps before your first ride, Pixar ebike recommends having a certified, reputable bike mechanic check your work.

NOTICE: If you do not have the experience, skill, and tools to complete assembly and fit, Pixar ebike highly recommends having a certified, reputable bike mechanic complete these procedures as well as any future adjustments or tuning.

NOTICE: A critical aspect of assembling your bike by Pixar ebike is securing the front wheel and checking the tightness of the rear wheel axle nuts. All bikes by Pixar ebike use a quick release front wheel mounting mechanism and the rear wheel is bolted on. These mechanisms may become loose or unsecured during shipment or over time. The torque and security of all wheel mounting hardware should be inspected upon arrival and on a regular basis. Both wheels need to be properly secured before operating your bike.

Mandatory Equipment and Use Locations

Before all rides, ensure you have all required and recommended safety equipment and are following all laws pertaining to using an electric bike in your region. For example, these laws may specify the need for mandatory equipment, use of hand signals, and where you can ride.

Changing Components or Attaching Accessories

The use of non-original components or spare parts can jeopardize the safety of your ebike, invalidate your warranty and, in some cases, cause your ebike to not conform with laws pertaining to your bike.

Safety Check Before Each Ride

Always check the condition of your bike before you ride, in addition to having regular maintenance performed. If you are unsure of how to conduct a complete check of the condition of your bike before every ride, you should consult a certified, reputable bike mechanic for assistance. See the Pre-Ride Safety Checklist for more information.

Electrical System

The electrical system on your ebike offers various levels of power assistance and lighting for different operating conditions and user preferences. It is critical that you familiarize yourself with all aspects of your ebike's electrical system and check to see that it is working correctly before every ride. The front and rear brake levers contain safety power cutoff switches, which disable the hub motor's assistance when applied, and both levers should be checked for correct operation. The throttle should provide smooth acceleration when gradually applied. If the throttle, brake lever cutoff switches, pedal assistance, or lighting are functioning abnormally, intermittently, or not working, please discontinue using your ebike immediately and contact the Pixar ebike Product Support team for assistance.

Quick Release Levers

Quick release levers are located on your ebike to secure the seat post. These provide convenience to the user since they allow the seat post to be adjusted without tools. Since quick release levers can be loosened during transportation, or accidentally between or during rides, it is important that you regularly check to ensure these components are properly secured.

Accessories, Straps, and Hardware

Ensure all hardware is secured and all approved accessories are properly attached per the specific component manufacturer's instructions. It is good practice to look over all hardware, straps, and accessories before each ride, and if you do discover something wrong or find something you are not sure about, have it checked by a certified, reputable bike mechanic.

Handlebars, Grips, and Seat Adjustments

Ensure the handlebar and handlebar stem are properly aligned, fitted to the user, and secured to their recommended torque values. Handlebar grips should not move easily on the handlebar end. Loose, worn, or damaged handlebar grips should be replaced before you ride and can be purchased from Pixar ebike. The seat and seat post should be properly aligned, fitted to the user, and the seat post quick release should be properly tightened, fully closed, and secured before riding.

Battery Charged, Secured, and Unplugged

Ensure the battery is adequately charged and operating properly. Ensure the battery charger is unplugged from the outlet and battery, then stored in a safe location before you ride. Do not operate the electrical system if the battery is removed.

Fully Assembled Pixar



01	Stem
02	Frame
03	Headlight
04	Front mudguard
05	Front fork
06	Tire reflector
07	Disc brake pads
08	Tire air hole
09	Tyre
10	Battery
11	pedal
12	kickstand
13	Seat package
14	Brake light
15	Rear fender
16	motor
17	Shimanotransmission
18	Chain
19	Lcd display with TYPE C
20	Electrical horn remote
21	Grip

Product Parameter

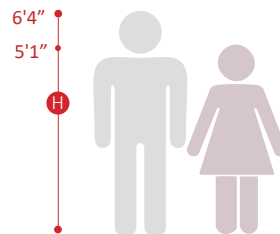
Model	SuperV
Product Size	68.9*27.2*47.2inch(175*69*120cm)
Frame material	steel
Max Load	330lbs (150kg)
Load bearing of carrier	55lbs(25kg)
Gross Weight	121lbs(55kg)
Net Weight	106lbs(48kg)
Derailleur	single speed
Water Proof	IP54
Charger Time	4-6 hours
Tire	20"x 4.0 fat tire
Brake	Disc brake
Driving mode	Electric Mode, PAS Mode, Pedal Mode
Battery	48V*30AH; 48V*15.6AH
Mileage	180KM for 48V*30AH; 94KM for 48V*15.6AH
Headlight	Headlight with waterproof disconnect
Taillight	Taillight with waterproof disconnect
Recommended Rider Height	5'1"-6'4"(155-190cm)

Product size



A. Total length	68.9"
B. Handlebar height	44.5"
C. Wheelbase	48.3"
D. Wheel diameter	22.5"

-  Recommend Height: 5'1"to 6'4"
-  Max Load:330lbs;
-  Bike Weight: 106lbs

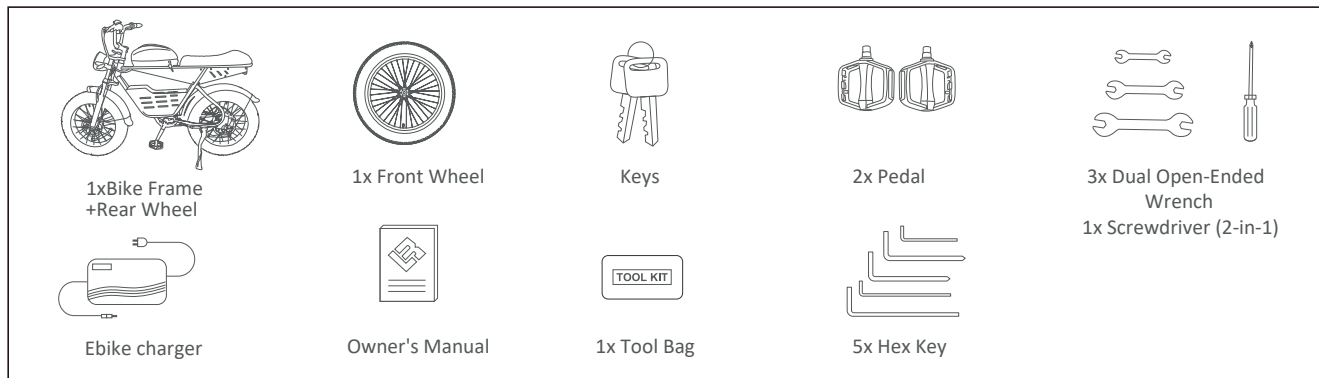


Getting Started

Starting notes:

- Remove all packaging before beginning assembly.
- The directions, given in this manual-right, left, front/forward, and rear/back-are oriented as the rider would see them when seated on the bike. The “right side” of the bike, for example, is the side where the rider's right hand and foot will be.
- If anything is missing or damaged, please contact us immediately.

What's in the box:

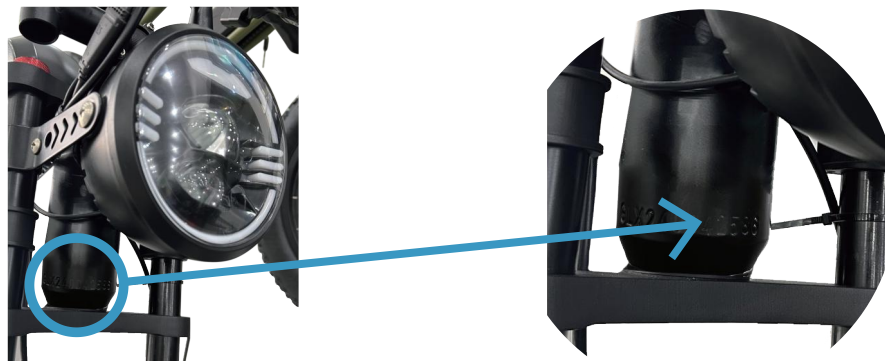


Serial Number

Serial Number

Your serial number is located on the head tube of the bicycle as shown below, Please write it down inside the front cover of this manual.

You may be asked for your bicycle's serial number as part of a warranty request. You may also be asked to provide this number to law enforcement if your bicycle is stolen.



Setting Up Your eBike

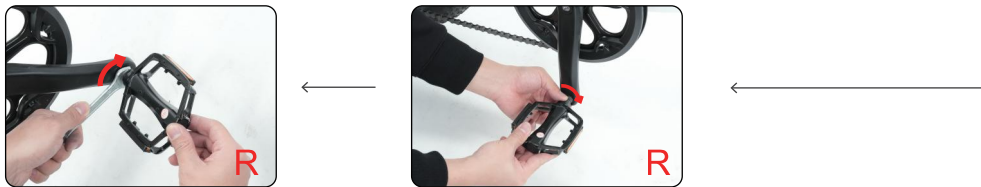
NOTE: This manual is not intended to be an extensive reference book about service, maintenance, and/or repairs. You can find more information on our website: pixarebike.com.

Install the pedals

1. Identify the right pedal and left pedal by the "R" and "L" marks on the pedals.



2. First, tighten the pedals by spinning the right pedal clockwise and the left pedal counter clockwise with your hand. Then tighten the pedals with the provided open-ended wrench.



Install the front wheel



1



2

1

Find the front wheel

2

Sit the front fork on the front wheel axle



3



4

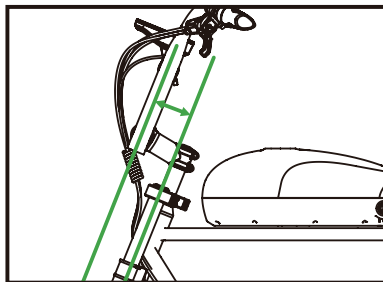
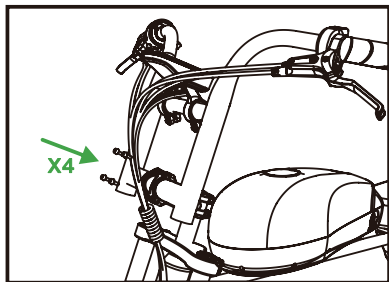
3

Install the safety washers and adjust them so that they hook the front fork

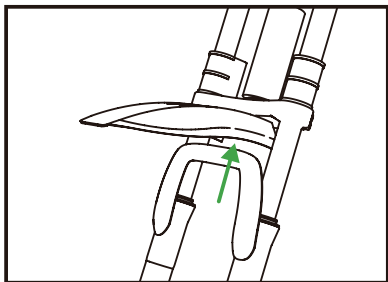
4

tighten the nuts with an appropriate wrench (included)

Handlebar installation & Fender installation



- Handlebar installation
Place the handlebar into the stem bracket
Align handlebars to sitting position
Tighten the provided bolts keeping note of fork alignment while doing so.



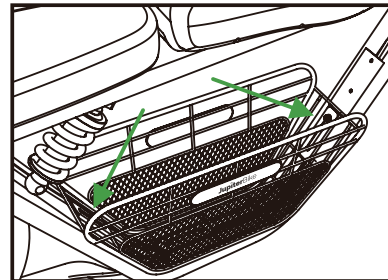
· Fender installation

The front fender is held in place by its center bolt.

Adjusting the Seat Post

· Basket installation

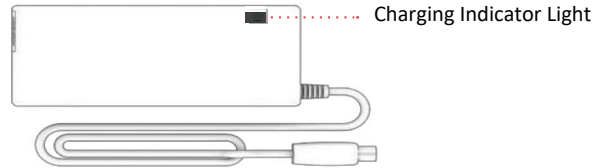
Put the basket on the middle part
Screw on and tightened



Charging Your Ebike

Connect the DC jack of the charger to the charging port of your ebike and then the AC plug into the outlet. The charger light turns from red to green when charging is complete.

- ----- Still Charging
- ----- Fully Charged



NOTICE - Important charging notes:

- Only use the included charger.
- Always keep the charging port closed when not actively charging your bike.
- Never turn on your bike while it is charging.
- For best battery health, charge the battery fully during each charging session.
- Never leave your bike charging overnight or for extended periods of time.
- Do not attempt to remove or disassemble the battery.

Charge Battery Before First Use

Locate charging port on the side of the battery pack. Use this port to charge when battery pack is installed or not installed.



You should fully charge your battery before your first ride.



Fire and explosion hazards, Never leave your battery pack unattended while charging to prevent serious injury or death.

Remove the battery

1. Power off the e-bike, insert the key. push and turn the key to position 2 to unlock the battery
2. Press the black button first, then grab the battery to remove the bike



Inserting the battery

1. Align the battery to the tabs of the battery plate.
2. Slide the battery into the battery plate terminals to lock the battery into place.

Display Instruction

Functional areas

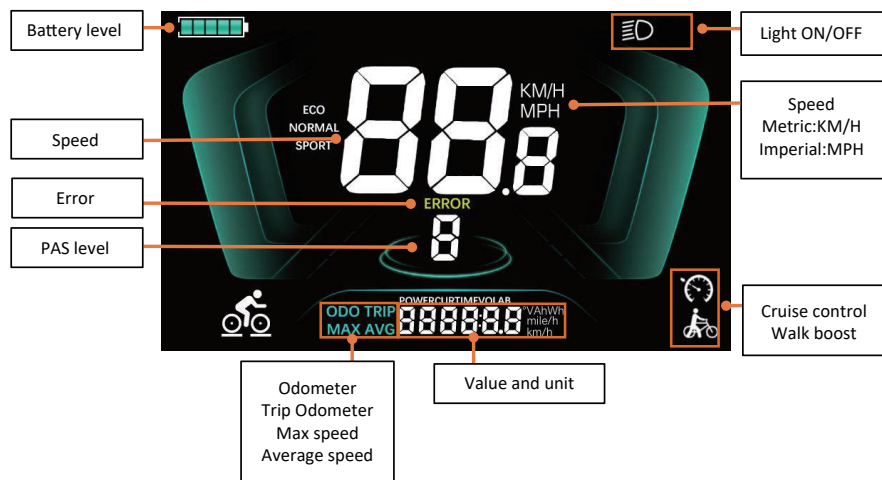


Figure 4-1 YL81F-H functional area distribution interface

Button definitions

The YL81F-H display is equipped with five buttons on the corresponding operating unit: power on/off , plus , minus , light , and toggle .

Routine operation

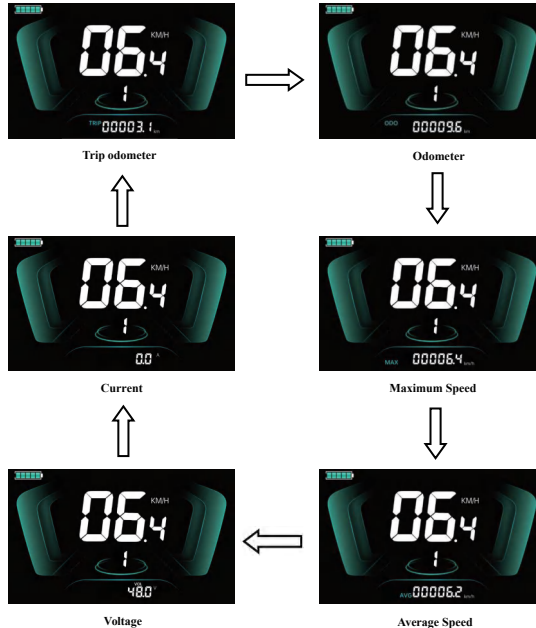
Power on/off

Long press  to power on / off the display. When the display is off, it will not use the battery power and the leakage current is less than 1uA.

 The display will automatically shut off if it is not used for more than 10 minutes.

Display Button definitions

When the display is powered on, it will show the Current Speed (mile/h) and Trip Odometer (mile) by default. short press **i** to switched cyclically between Trip Odometer (mile), Odometer (mile), Maximum Speed (mile/h), Average Speed (mile/h), Voltage(V), and Current (A).



Display interface switching interface

Walk boost mode

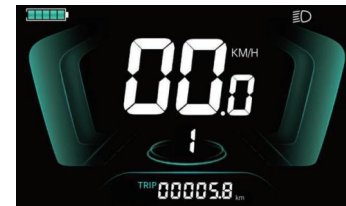
Long press and hold **⏻**, the electric bicycle enters the walk boost mode. The electric bicycles will travel at walking speed and the display shows **🚶**. Release the button to stop the power output immediately and restore to the state before walk boost.



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

Turning on/off lights

Press the **💡** to make the controller turn on the lights and the display backlight becomes dim. Press **💡** again to make the controller turn off the lights and the backlight restore brightness.



Backlight display interface

Restore factory default parameter settings operation

PAS level selection

Press **+** / **-** to switch PAS level of electric bicycle, thus changing the motor output power. (The following pictures are only for illustration of different speeds in different gears. The specific speed is subject to the actual product)



PAS level display interface

Schedule 1:Error Code Definition

YL-02 Error codes					
Error code	Definition		Error code	Definition	
E001	Controller failure		E004	Throttle failure	
E002	Communication failure		E005	Brake failure	
E003	Hall failure		E006	Motor phase failure	

Get to Know Your Ebike-Operation

Power On/Off: press and hold the power button on the left handle for 5 seconds. Please ensure that the battery is securely locked before powering on the LCD.

Lights On/Off: Quick press the light button to turn the light on/off.

Shifting: You should shift your ebike the same way you shift a normal bike using the gear shifter on the right handlebar. To shift up, press the button marked with the "+" sign. To shift down, push the lever marked with the "-" away from you.

Pedal Assist Mode (5 levels): To increase the pedal assist level, press the "+" button and to decrease the pedal assist level press the "-" button on the display control on the left handlebar. Pedal assist level "0" will allow you to ride without assistance.

Odometer, Trip, Voltage, Max Speed, AVG Speed, Current, Wattage, Trip Time: Press the "i" button to toggle between these readouts on your LCD display.

Usb-type C: Located on the bottom of the LCD display. Use to charge your devices.

Walk Mode: To activate Walk Mode, press and hold the "-" button continuously, The motor will engage, moving the bike at a slow walking pace. When you release the button, the bike will stop (Approximately 3 mph /6 km/h)

Power Cut-Off Brakes: When you squeeze the brake levers, the controller cuts off the motor output and the brakes are engaged. Always apply the right brake lever (rear wheel) before applying the left brake lever (front wheel).

Battery and Charging

- Do not connect the positive to negative, or vice versa. Do Not damage, disassemble, or short-circuit the battery. Avoid water, other liquid, or other foreign matter inside the battery to prevent a short circuit.
- Instructions in this manual must be followed when charging the battery, otherwise the owner shall take sole responsibility for any consequences.
- Charge the battery only at temperatures between 0° and 45°, and discharge at -20~60°. The charging current should not exceed 2A. Charge only in a well-ventilated area, away from sun and heat.
- Use the original charger from the package to charge the battery. Connect the charger and battery before plugging the charge into the main power supply. Do not charge the battery for over 6 hours each time.
- When charging, if the charging indicator seems abnormal, a smell is released, or the charger overheats, stop charging immediately service or replace the charger.
- To stop charging, unplug from the main power supply before disconnecting the charger from the battery.
- When the charging indicator turns green, stop charging.
- Do not leave the charger connected to any AC power source when not charging. When not in use, store the battery in a dry and cool place. Keep away from rain, fire, heat, and high temperature. Do not put the battery in acid or alkaline liquid, Make sure to charge the battery for two (2) hours each month.
- Before using the charger to charge a different battery, note the battery type and voltage that the charger may apply to.
- It is advisable not to carry the charger with your ebike. If you must, place the charger in a toolbox upon shock absorption treatment.
- Do not disassemble the charger or replace the parts and components in the charger on your own.
- Waste battery is classified as hazardous. Do not disassemble the waste battery on your own. It should be collected and recycled properly.

Waste battery is classified as hazardous. Do not disassemble the waste battery on your own. It should be collected and recycled properly.

Riding your ebike

1. Do not use the eBike before reading this manual carefully and knowing your eBike thoroughly.
2. Do not lend your eBike to anyone who do not know how to use it, so as to avoid harm.
3. When adjusting the steerer tube and seat tube, do not expose the minimum insertion marks.
4. Before riding, check the tire pressure. It is advisable to maintain the PSI shown on the tire sidewall.
5. Before riding, ensure the power, lights, handles, brakes, wheels, reflectors and others are in good condition.
6. Before carrying people or objects on your eBike, learn the local laws and regulations, and abide by them.
7. Do not exceed the load capacity of 120 kg (or 265 lbs.).
8. Wear a helmet, and obey traffic rules.
9. Obey local traffic rules to keep to the right or left.
10. Do NOT ride one-handed.
11. Do not ride on any motorized lane or in any pedestrian crowd.
12. It is advisable not to go over 15 km/h (or 9.32 mph) when riding on any non-motorized lane, downhill, or paved road.
13. Slow down in rain or snow as required braking distances increase.
14. It is advisable not to ride in storms or any extreme weather.
15. Avoid impact on the motor.
16. Keep the bearings lubricated.
17. Do not park your eBike in any lobby, walkway, evacuation stairway, or emergency entrance/exit.
18. Do not charge or park your eBike inside any residential building. Keep away from combustibles when charging. Charging should not exceed 6 hours each time.

Maintenance

1. The front and rear wheels should be aligned to the center of the front fork and frame.
2. Park away from direct sunlight and rain.
3. Do not rinse the ebike. Wipe with a damp cloth to clean.
4. Check the motor and brakes frequently. Do not oil the braking system.
5. Regularly check all screws and keep them fastened.
6. Recommended torque specs: Handlebar screw 60-80 kgf.cm (or 52.08-69.44 lbf.in), steering stem screw 175-200 kgf.cm (or 151.90-173.60 lbf.in), saddle screw 175-250 kgf.cm (or 151.90-217.00 lbf.in), and wheel screw 320-450 kgf.cm (or 277.70-390.60 lbf.in).
7. Regularly check the tension of the chain, which can be adjusted via the chain regulator.
8. Frequently check the tires for scratches, cracks, or excessive wear. The inner tube and valve should be perpendicular to the wheel hub. Punctured, damaged, or excessively worn inner tubes and tire must be replaced immediately. Please contact professional technicians.
9. It is forbidden to modify key structural parts including the frame, front fork and steering stem, and any electrical parts. If damaged, replace with identical parts from our factory. Otherwise, the warranty shall be void and the owner shall take sole responsibility for any consequence.

Disclaimer

1. Our company reserves the right to modify and give final interpretation to the product model specification and other information contained in this manual.
2. The product model, specification, and other information contained in this manual is subject to any modification or change without notice.
3. The functions of the specific model referred to in this manual apply to this specific model only.
4. Without the prior written permission of the company, the contents of the manual may not be copied, modified, reprinted, disseminated, or published in any form.
5. Please read this manual carefully before using the product, and operate in accordance with the manual. Otherwise, the company shall not be liable for any personal or property damage, including damage to the product, caused by misuse or abuse.
6. For more information, please visit our official website: pixarebike.com

General Warnings



Like any sport, bicycling involves risk of damage, injury, and death. By choosing to ride a bike, you assume the responsibility for that risk, so you need to know, and practice the rules of safe and responsible riding and the proper use and maintenance of this bike. Proper use and maintenance of your bike reduces risk of damage, injury, and death.



Biking and controlled substances do not mix. Never operate a bike while under the influence of alcohol, drugs, or any substance or condition that could impair motor functions, judgement, or the ability to safely operate a bike or another vehicle.



Riders must have the physical condition, reaction time, mental capability to ride safely and manage traffic, road conditions, and sudden situations, as well as, respect the laws governing electric bike use where they ride, regardless of age. If you have an impairment or disability such as visual impairment, hearing impairment, physical impairment, cognitive/language impairment, a seizure disorder, or any other physical condition that could impact your ability to safely operate a vehicle, consult your physician before riding any bike.

Limited Warranty

Warranty Info

Every bike by Pixar ebike is covered under a manufacturer's limited warranty for the original owner against all manufacturing defects. Pixar ebike warrants this product, including all individual components against defects in material or workmanship as follows:

Pixar ebike Limited 1 Year Warranty

Pixar ebike components including frame, forks, stem, handlebar, headset, seat post, seat, brakes, lights, bottom bracket, crank set, pedals, rims, wheel hub, freewheel, derailleur, shifter, battery, motor, throttle, controller, wiring harness, display, kickstand, and hardware are warranted to be free from manufacturing defects in materials and/or workmanship for a pre-determined period from the date of original purchase

Pixar ebike lithium-ion batteries are warranted to be free from manufacturing defects in materials and or workmanship for a 1-year period from the date of original purchase. The battery warranty does not include damage from power surges, use of an improper charger, improper maintenance or other such misuse, disassembly, normal wear ,or water damage.

Warranty Exclusions

- Liability for material defects does not cover normal wear and tear, which occurs from the manufacturer's intended use of the product, Components such as the battery, motor system, braking system, drivetrain system, seat, grips, pedals, tires, and inner tubes are all subject to intended use-related wear and are not covered under the warranty from normal wear.
- Damage arising from the use of the bike in a competition or other application outside of normal intended use.
- Damage arising from improper tools, improper assembly, or improper maintenance performed on the bike.
- Damage resulting from adding non-standard equipment, parts, or modifications.

Additional Warranty Terms

This warranty does not cover any damage or defects resulting from failure to follow instructions in the owner's manual, acts of God, accidents, misuse, neglect, abuse, commercial use, alterations, modification, improper assembly, wear and tear, installations of parts or accessories not originally intended or compatible with the bike as sold, operator error, water damage, extreme riding, stunt riding, or improper follow-up maintenance. This warranty does not include normal wear and tear or consumable parts designed to wear down over time, including tires, tubes, brake pads, cables and housing, spokes, and handlebar grips.

Pixar ebike will not be liable and/or responsible for any damage, failure, or loss caused by any unauthorized service or use of unauthorized parts. In no event shall Pixar ebike be responsible for any direct, indirect, or consequential damages, including without limitation, damages for personal injury, property damage, or economic losses, whether based on contract, warranty, negligence, or product liability in connection with their products. All claims to this warranty must be made through Pixar ebike .

Proof of purchase is required with any warranty request.

Please see our website for full warranty terms and conditions.

Determining whether damage or defect to an ebike, or covered component, is protected by this limited warranty and shall be in the sole discretion of Pixar ebike .

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