

ebikes  
i**co**nic

# OWNER'S MANUAL ICONIC ULTRALIGHT



# Welcome

Thank you for purchasing the Iconic Ultralight through [www.iconicebikes.com](http://www.iconicebikes.com). 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 ebike. If you have questions after reading this manual, please contact us at [support@iconicebikes.com](mailto:support@iconicebikes.com).

## Online Resource

For more information, please visit the  
Iconic EBikes website



[www.iconicebikes.com](http://www.iconicebikes.com)

## Online Product Manual



Please scan QR code

## Please Read First



### WARNING

Like any sport, bicycling involves risk of damage, injury, and death. By choosing to ride a ebike, 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.



### WARNING

It is your responsibility to familiarize yourself with the local laws and requirements of operating this ebike in the area(s) where you ride.



### WARNING

Always wear an approved bicycle helmet whenever riding a bike and ensure that all helmet manufacturer instructions are used for fit and care of your helmet. Failure to wear a helmet when riding may result in serious injury or death.

## A Note for Parents and Guardians



### WARNING

As a parent or guardian, you are responsible for the activities and safety of your child. The Iconic Cruiser is not designed for use by children under the age of 18.

# OWNER'S MANUAL UPDATES

The following information updates your ebike's Owner's Manual. Please read it carefully. Keep your owner's manual and any other documents that came with your ebike. All content in this update and the manual is subject to change or withdrawal without notice. Visit [www.iconicebikes.com](http://www.iconicebikes.com) to view and download the latest version. ICONIC Ebikes makes every effort to ensure the accuracy of its documentation and assumes no responsibility or liability if any errors or inaccuracies appear within.



## WARNING

Incorrect assembly, maintenance, or use of your ebike can cause component or performance failure, loss of control, serious injury, or death. Even if you're an experienced bike rider, you must read and understand the entire manual skills, and tools needed to correctly perform all assembly steps in the manual and the assembly video at [www.iconicebikes.com](http://www.iconicebikes.com). Consult a local, certified, reputable bike mechanic to ensure proper assembly.



## WARNING

To reduce the risk of injury, close supervision is necessary when the product is used near children.



# 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 [support@iconicebikes.com](mailto:support@iconicebikes.com) immediately.

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



Keep this manual for future reference, however all content in this manual is subject to change or withdrawal without notice. Visit <http://www.iconicebikes.com> to view and download the latest version. ICONIC EBikes 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 ebike from ICONIC EBikes may require 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 ebikes under all conditions. There are risks associated with the use of any ebike that cannot be predicted or avoided and are the sole responsibility of the rider.

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# General Information

## 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, ICONIC EBikes 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, ICONIC EBikes 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 ICONIC EBikes is securing the front wheel and checking the tightness of the rear wheel axle nuts. The bike 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 examined and secured before operating your bike.

## Mandatory Equipment and Use Locations

Before all rides, wear a helmet and 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, void your warranty and, in some cases, cause your ebike to not conform with laws pertaining to your bike.



**The replacement of original components or installation of third-party accessories or accessories from ICONIC EBike not explicitly recommended for your bike model is at your own risk. Using aftermarket accessories or components that have not been tested by ICONIC EBikes for safety and compatibility may void your warranty, create an unsafe riding condition, or result in serious injury or death.**

## **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. If pedal assistance or lighting are functioning abnormally, intermittently, or not working, please discontinue using your ebike immediately and contact [support@iconicebikes.com](mailto:support@iconicebikes.com) for assistance.

## **Brakes**

Ensure brakes are working correctly, all braking system components are free from damage, and properly secured. When you fully squeeze the brake levers, ensure neither the front nor rear brake levers touch the handlebar. Take your bike to a certified, reputable bike mechanic to have the brakes repaired if you find a problem.

## **Tires and Wheels**

Your wheels should always spin straight and must be repaired or replaced if they wobble side to side or up and down when spinning. If your wheels become untrue or spokes loosen, which can happen with normal use, we recommend that a certified, reputable bike mechanic performs all wheel tuning and truing operations on your bike. Do not attempt to true wheels or tighten spokes unless you have adequate knowledge, tools, and experience. Ensure the tires and inner tubes are in good working condition without any visual damage and have the correct amount of air pressure. Always replace tires and inner tubes with punctures, cuts, or damage before you ride. Tires without the correct amount of air pressure can reduce performance, increase tire and component wear, and make riding your bike unsafe.

## **Quick Release Levers**

Quick release levers are located on your ebike for securing 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 is wrong or find something you are not sure about, have it checked by a certified, reputable bike mechanic.

## Handlebar, 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 [www.iconicebikes.com](http://www.iconicebikes.com). 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, battery, then stored in a safe location before you ride. Do not operate the electrical system if the battery is removed.



### CAUTION

To reduce the risk of fire, connect the battery charger only to a standard 110/120-volt home power outlet circuit in accordance with the National Electrical Code, NFPA70.

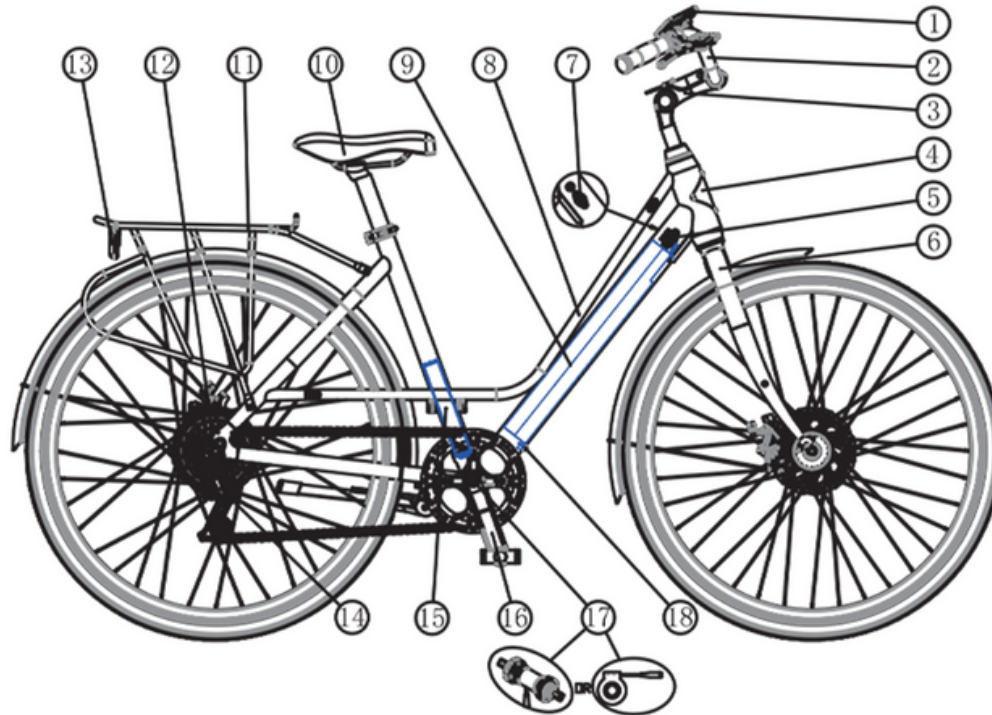


### WARNING

Using a damaged battery or charger can create additional bike damage or a fire hazard. Stop using your battery and charger and contact ICONIC EBikes immediately if any of the following occur: **(1)** Your charger's flexible power cord or output cable or any of the electrical cables on your bike is frayed, has broken insulation, or any other signs of damage, **(2)** Your battery or charger is physically damaged, non-functional, or performing abnormally, **(3)** Your battery or charger experienced a significant impact from a fall or crash, with or without obvious signs of damage, or **(4)** Your charger becomes too hot to touch (it's designed to get warm with normal use), makes a funny smell, or shows other signs of overheating. Store any damaged battery or charger in a safe location and, as soon as possible, recycle or otherwise dispose of it according to local rules. Contact [support@iconicebikes.com](mailto:support@iconicebikes.com) if you have any questions or to purchase a compatible replacement battery or charger.

# Product Classification and Names of Main Parts

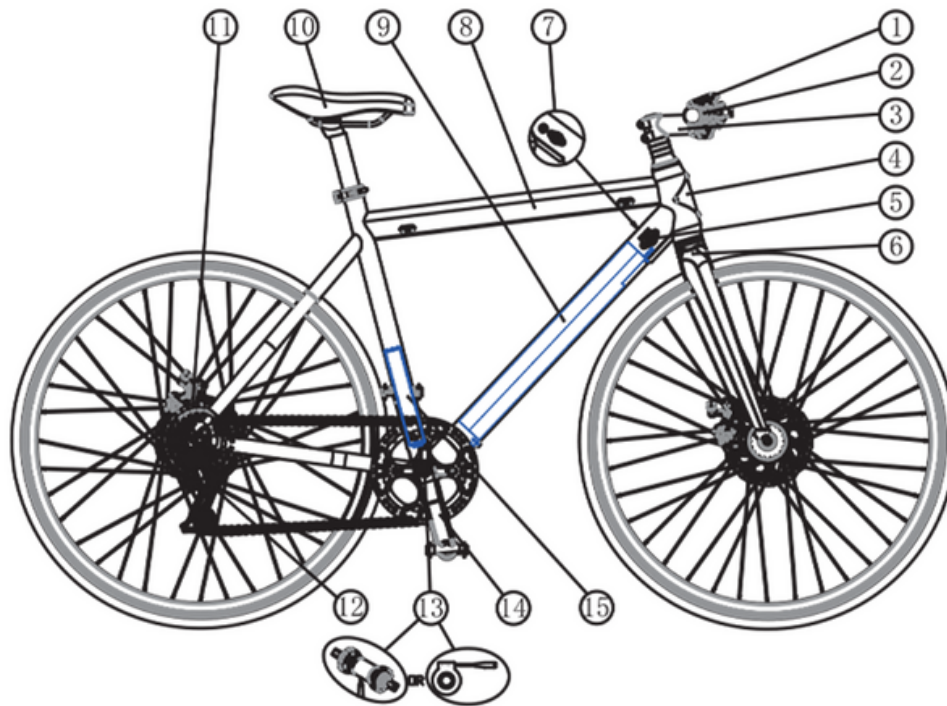
## Ultralight Step-through



1. Display
2. Handlebar
3. Stem
4. Front plate
5. Charging port
6. Front fork
7. Power switch
8. Frame
9. Battery
10. Saddle
11. Rack
12. Rear electric Hub
13. Rear Light
14. Rear derailleur
15. Central tube controller
16. Cranks
17. Torque sensor
18. Controller

# Product Classification and Names of Main Parts

## Ultralight

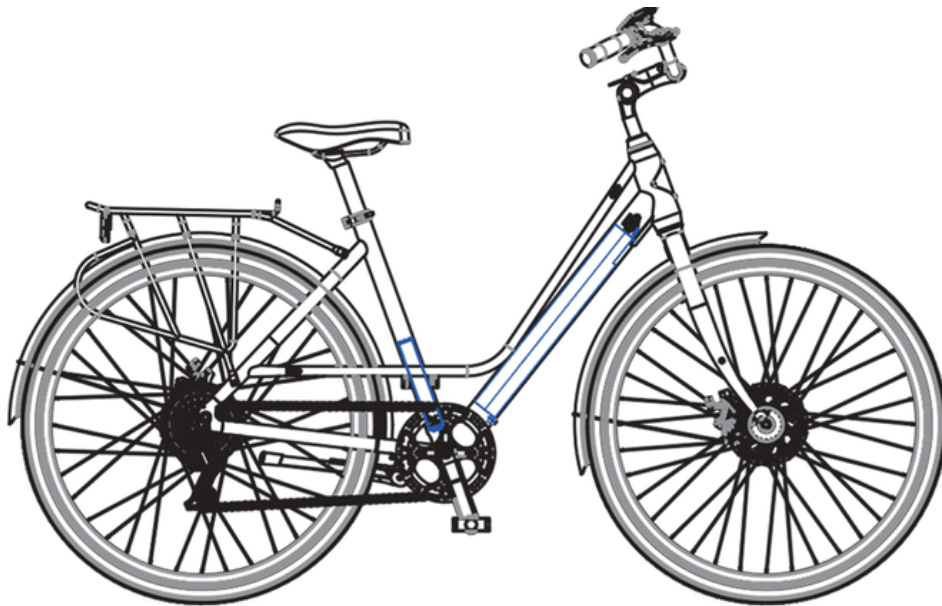


1. Display
2. Handlebar
3. Stem
4. Front plate
5. Charging port
6. Front fork
7. Power switch
8. Frame
9. Battery
10. Saddle
11. Rear electric Hub
12. Rear derailleur
13. Torque sensor
14. Cranks
15. Controller



# Product Assembled View

**Iconic Ultralight Step-Through**



**Iconic Ultralight**



# Product Assembly

Please open the top side of the box packaging, take out the product as a whole, and then assemble the product according to the following steps.

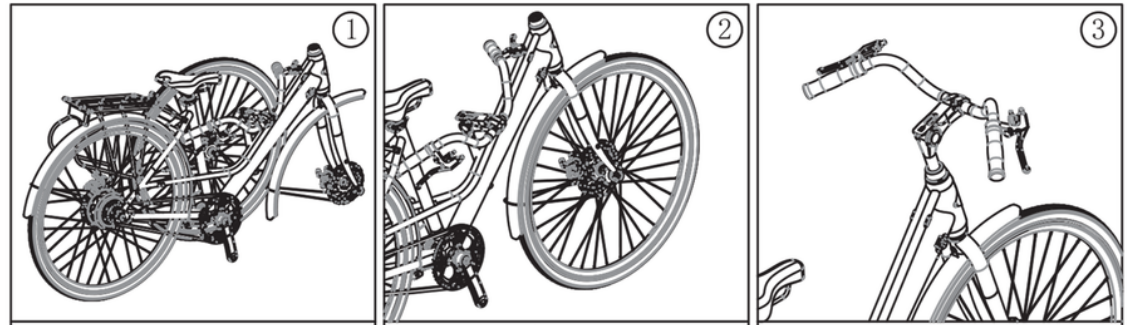
**Note:** When removing the inner packaging of the product, please be careful not to scratch the surface of the product.

At the same time, properly handle the packaging materials and pay attention to environmental hygiene.

Do not extend any components including the handlebar stem, seat post, or seat saddle beyond any minimum insertion marking etched into the components. Ensure that all hardware is properly tightened (to the values in the Recommended Torque Values table), components are secured, and all safety checks have been performed before moving on to the next step and before your first ride, otherwise damage to the bike, property, serious injury, or death could occur. An improperly secured front wheel and/or handlebar stem can cause loss of control, accidents, serious injury, or death. Check that the front wheel and handlebar stem are properly secured to the bike during assembly and before each ride.



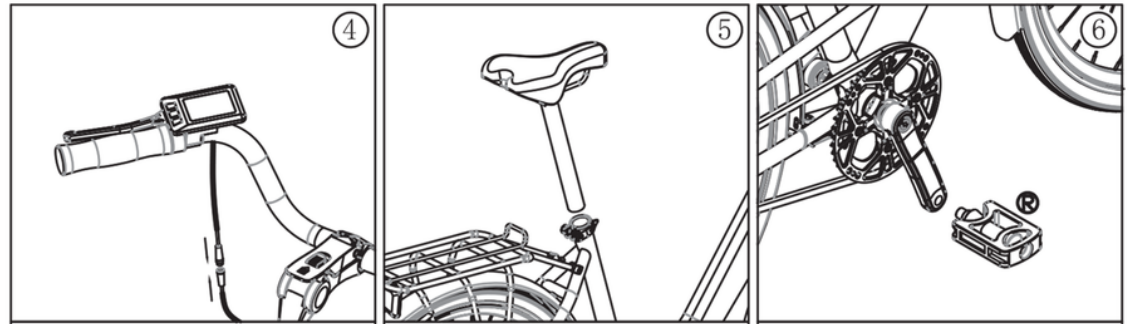
**WARNING**



The bike is 85% assembled coming out of the box.

Install the front tire onto the fork. Remove the disc brake shim first, and carefully align the brake disc with the brake caliper, then tighten the rim.

Put the handlebar assembly into the front fork riser, adjust the direction and height of the handlebar, and tighten the fastening bolts.



3) Install the display on the left side of the handlebar, and tighten. Connect the the display cable by aligning the arrows .

4) Insert the saddle into the middle tube of the frame, adjust the height and tighten the quick release lever.

5) Install the left and right pedals on the cranks. The right pedal goes on the right, and left goes on the left side. Note, the left pedal has reverse threading.



**WARNING**

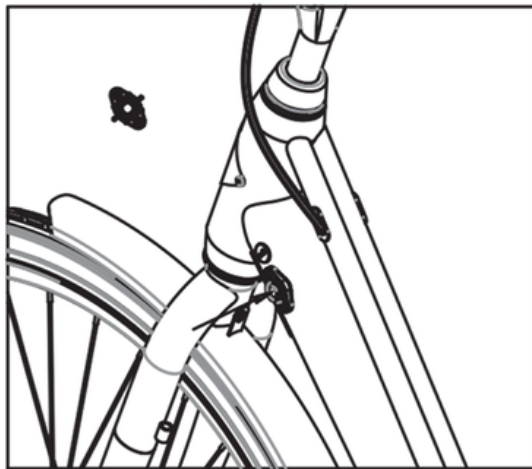
If you are not sure you have the experience, skills, and tools to correctly perform all steps to properly secure and verify the security of the handlebar, front wheel, and handlebar stem you **MUST** consult a certified, reputable bike mechanic to check your work and/or secure those components to the bike properly.

## Recommended Torque Values

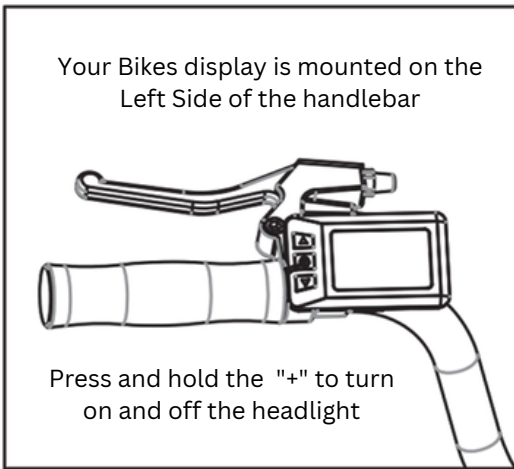
Hardware	Torque Required (Nm)
Handlebar and Stem	4-5
Stem and Fork	4-5
Seat and Seat Post	18-20
Seat Post and Seat Tube	18-20
Front Wheel	20-25
Rear Wheel	30-35
Crankset	30-35

# Turning the power supply on and off

Follow the steps shown below to turn on the power supply

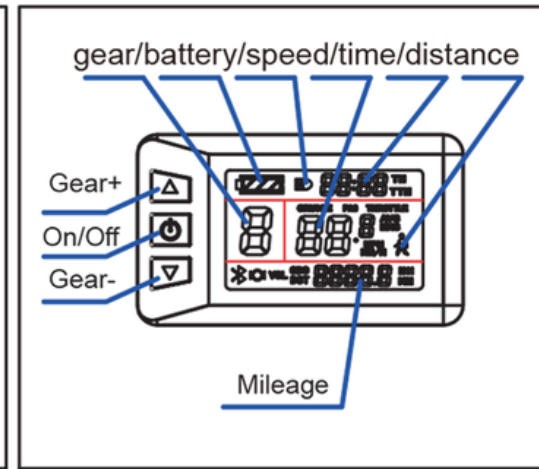


Press the button located on the down tube. The ring around the button will light up indicating that the battery is on.



Press and hold the "+" to turn on and off the headlight

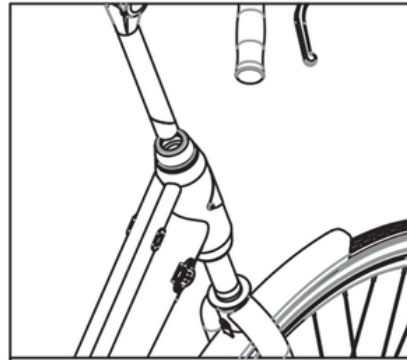
Press and hold the "ON" switch button until the display lights up.



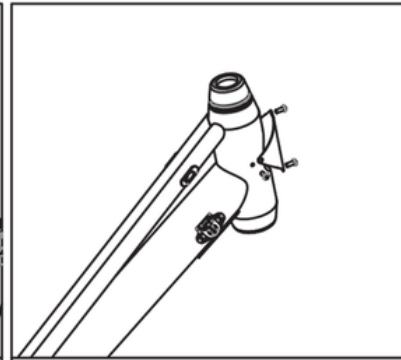
You can ride comfortably now. To adjust the Pedal Assist feature, use the up ↑ and down ↓ buttons.

## How to Remove the Battery

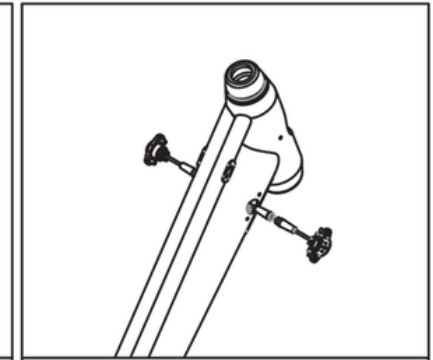
**Note:** Battery does not need to be removed for charging, these instructions are for replacing the battery when necessary.



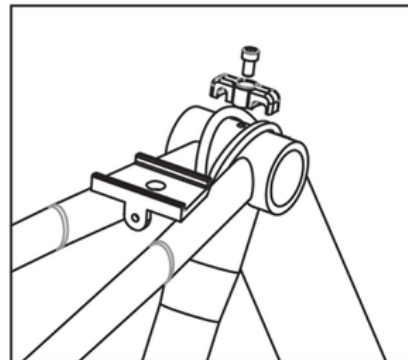
**Step 1:** Take off handlebar and front fork set.



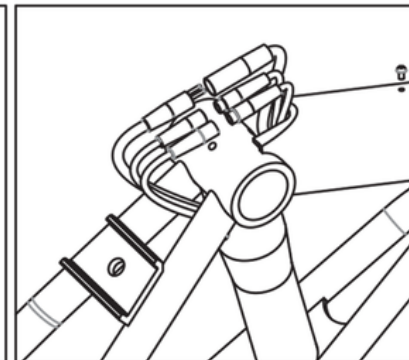
**Step 2:** Take off nameplate



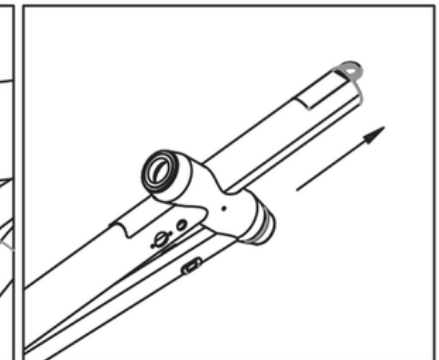
**Step 3:** Take off switch and charging port cover, take out the wires.



**Step 4:** Remove wire holding cassette.



**Step 5:** Take out and disconnect all the wires, remove battery holding cassette.



**Step 6:** Take out the battery form the front

## How to use the battery

1. When charging the bike, Insert the round charging plug of the charger into the charging port on your e-bike frame, and then the charger plug into a standard home 110/120 volt socket. When the light on the charger turns red, it means it's charging, when it turns green, the charging is finished and the battery is fully charged.
2. It takes about 3-5 hours to fully charge an empty battery. When the charging is finished, unplug the electrical plug first, then unplug the charging plug connected to the e-bike, in that sequence.
3. This is a lithium battery, it has no memory effect, so you can charge or discharge anytime. In normal circumstances, the battery can be used for more than 2 years.



Please take special care in charging your bike from Iconic Ebikes in accordance with the procedures and safety information detailed in this manual. Failure to follow proper charging procedures can result in damage to your bike, the charger, or personal property, and/or cause serious injury or death.



Charge the battery only with the charger originally supplied with the bike from Iconic eBikes, or a charger purchased directly from Iconic eBikes, designed for use with your specific bike serial number, as approved by Iconic EBikes. Never use an aftermarket charger, which can result in damage, serious injury, or death

## Notes for charging

- The charger should only be used in a cool, dry, ventilated area, on a flat, stable, hard surface.
- Avoid charger contact with liquids, dirt, debris, or metal objects. Do not cover the charger while in use.
- Store and use the charger in a safe place away from children and where it cannot suffer damage from falls or impact.
- Fully charge the battery before each use to ensure it is ready to go the full range per charge, to extend the life of the battery, and help reduce the chance of over-discharging the battery.
- Do not charge the battery with any chargers other than the one originally supplied from Iconic eBikes or a charger designed for use with your specific bike purchased directly from Iconic eBikes.
- The charger works on 110/120 V 50/60 Hz standard home AC power outlets and the charger automatically detects and accounts for incoming voltage. Do not open the charger or modify voltage input.
- Do not yank or pull on the cables of the charger. When unplugging carefully remove both the AC and DC cables by pulling on the plastic plugs directly, not pulling on the cables.
- Regular maintenance and charging (every 2-3 months), otherwise the battery may be completely exhausted and irreversible damage. The most suitable storage capacity of the battery is 50%. If the capacity is less than 10% or higher than 90%, long-term storage may cause irreversible capacity degradation of the battery.
- The charger will get hot when operating as designed. If the charger gets too hot to touch, you notice a strange smell, or any other indicator of overheating, discontinue charger use immediately and contact [support@iconicebikes.com](mailto:support@iconicebikes.com).

**Notice:** The battery may take longer to charge when fully depleted, when very new, and after 2-3 years of regular use. If your battery does not seem to be charging normally, taking longer to charge than expected, or you are experiencing substantial reduction in range, please discontinue use and contact [support@iconicebikes.com](mailto:support@iconicebikes.com) immediately.



## Long-Term Battery Storage

If storing your bike from Iconic ebikes for longer than two weeks at a time, follow the instructions below to maintain the health and longevity of your battery.

- Charge (or discharge) the battery to approximately 75% charged.
- Store the bike with the battery in a dry, climate controlled, indoor location between 50 °F - 77 °F (10 °C - 25 °C).
- Check the battery every month, and if necessary, use the Iconic ebikes charger to charge the battery to 75% charged.



Please follow the above instructions for storing your bike and battery from Iconic ebikes . Failure to follow proper battery storage procedures can result in a non-functional battery. Replacement will not be covered under warranty.



If the battery is physically damaged, non-functional, performing abnormally, or was dropped or involved in a crash, with or without obvious signs of damage, please discontinue use and charging and contact Iconic Ebikes immediately.



Do not cover up the charger when plugged in or charging. The charger air cools and needs to be on a hard, flat surface in an open space. Use the charger with the indicator lights facing upward. Do not use with the charger inverted, which can inhibit cooling and reduce charger lifespan.



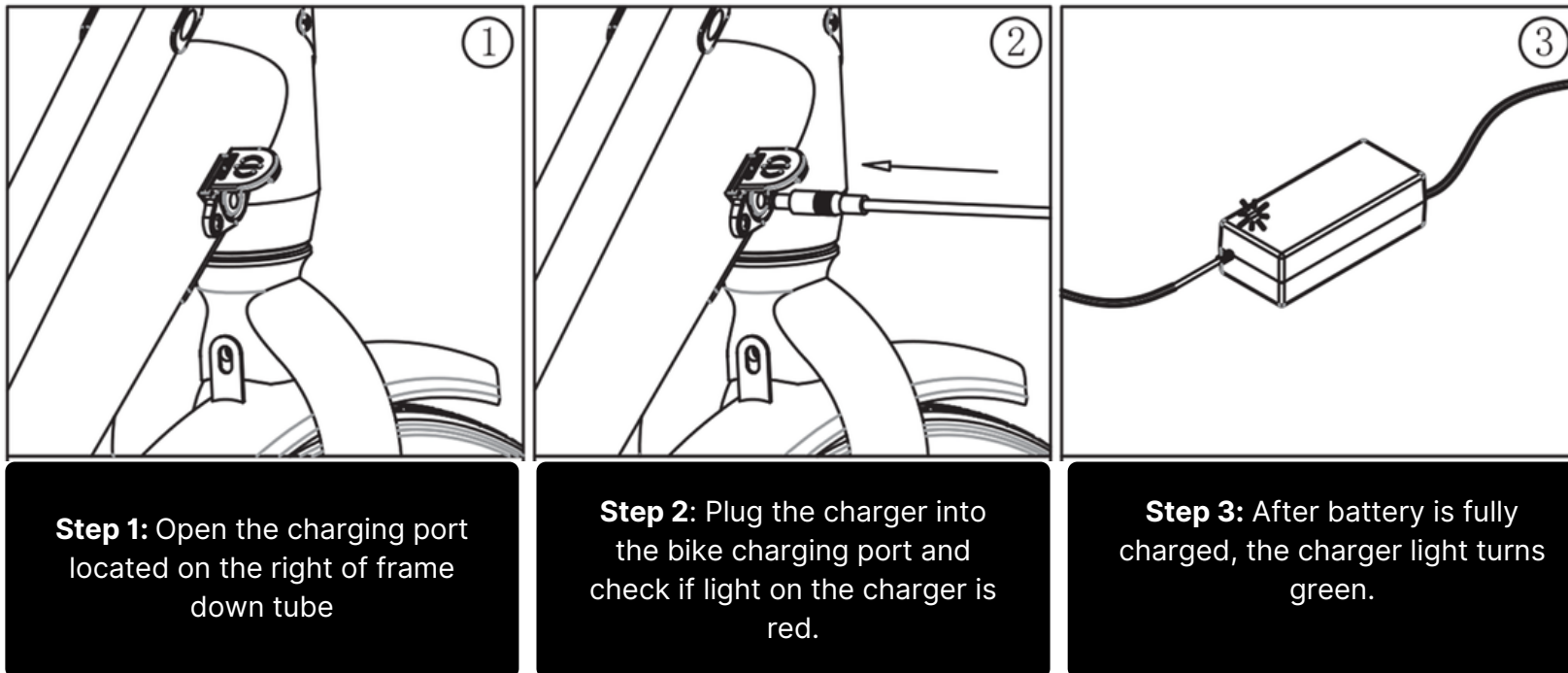
Do not open the battery housing, which will void the warranty and can result in damage to the battery or property or cause serious injury and/or death.



Always charge your battery in temperatures between 50 °F - 77 °F (10 °C • 25 °C) and ensure the battery and charger are not damaged before initiating charge. If you notice anything unusual while charging, please discontinue charging and use of the bike and contact [support@iconicebikes.com](mailto:support@iconicebikes.com) for help.



# Ebike charging method



## Pre-Ride Safety Checklist

Notice: Before every ride, and after every 25-45 miles (40-72 km), we advise following the pre-ride safety checklist.

Safety Check	Basic Steps
Brake	<ul style="list-style-type: none"> <li>• Ensure front and rear brakes work properly.</li> <li>• Check brake pads for wear and ensure they are not overworn.</li> <li>• Ensure brake pads are correctly positioned in relation to the rims.</li> <li>• Ensure brake cables are lubricated, correctly adjusted, and display no obvious wear.</li> <li>• Ensure brake levers are lubricated and tightly secured to the handlebar.</li> <li>• Test that the brake levers are firm and that the brake, motor cutoff functions, and the brake light are functioning properly</li> </ul>
Wheels and Tires	<ul style="list-style-type: none"> <li>• Ensure tires are inflated within the recommended limits posted on the tire sidewalls and hold air. Ensure tires have good tread, have no bulges or excessive wear, and are free from any other damage. Ensure rims run true and have no obvious wobbles, dents, or kinks.</li> <li>• Ensure all wheel spokes are tight and not broken.</li> <li>• Check axle nuts and front wheel quick release to ensure they are tight. Ensure the locking lever on the quick release skewer is correctly tensioned, fully closed, and secured</li> </ul>
Steering	<p>Ensure the handlebar and stem are correctly adjusted, tightened, and allow proper steering. Perform a handlebar twist test (see assembly step 4) to ensure the stem clamp bolt security. Ensure the handlebar is set correctly in relation to the fork.</p>

Chain	Ensure the chain is clean, oiled, and runs smoothly. Extra care is required in wet, salty/otherwise corrosive, or dusty conditions
Bearings	Ensure all bearings are lubricated, run freely, and display no excess movement, grinding, or rattling. Check headset, wheel bearings, pedal bearings, and bottom bracket bearings
Cranks and Pedals	Ensure pedals are securely tightened to the cranks. Ensure the cranks are securely tightened and are not bent.
Derailleur and Mechanical Cables	Check that the derailleur is adjusted and functioning properly. Ensure shifter and brake levers are attached to the handlebar securely. Ensure all shifter and brake cables are properly lubricated.
Frame, Fork, and Seat	Check that the frame and fork are not bent or broken. If either frame or fork are bent or broken, they should be replaced. Check that the seat is adjusted properly, and seatpost quick release lever is securely tightened.
Motor Drive Assembly and Throttle	Ensure hub motor is spinning smoothly and motor bearings are in good working order. Ensure all power cables running to hub motor are secured and undamaged. Make sure the hub motor axle bolts are secured and the torque arm and torque washers are in place.
Battery	Ensure battery is charged before use. Ensure there is no damage to battery. Lock battery to frame and ensure that it is secured. Charge and store bike and battery in a dry location, between 50 °F — 77 °F (10 °C — 25 °C). Let bike dry completely before using again.

Electrical Cables	<p>Look over connectors to make sure they are fully seated and free from debris or moisture. Check cables and cable housing for obvious signs of damage.</p> <p>Ensure headlight, taillight, and brake light are functioning, adjusted properly, and unobstructed.</p>
Accessories	<p>Ensure all reflectors are properly fitted and not obscured.</p> <p>Ensure all other fittings on bike are properly secured and functioning. Inspect helmet and other safety gear for signs of damage.</p> <p>Ensure the rider is wearing a helmet and other required riding safety gear.</p> <p>Ensure the mounting hardware is properly secured if fitted with a front rack, rear rack, basket, etc.</p> <p>Ensure the taillight and taillight power wire are properly secured if fitted with rear rack.</p> <p>Ensure fender mounting hardware is properly secured if fitted with fenders. Ensure there are no cracks or holes in fenders if fitted with fenders.</p>

## Notes during Riding

1. Frequent braking and accelerating will deplete the battery faster.
2. The motor will stop assisting once you stop pedaling.
3. Your e-bikes rated maximum load is 260 lbs per rider do not exceed.



Your cables, spokes, and chain will stretch after an initial break-in period of 50-100 mi (80-160 km), and bolted connections can loosen, Always have a certified, reputable bike mechanic perform a tune-up on your Iconic ebike after your initial break-in period of 50-100 mi (80-160 km) (depending on riding conditions such as total weight, riding characteristics, and terrain). Regular inspections and tune-ups are particularly important for ensuring that your bike remains safe and fun to ride.

## HOW THE ELECTRICAL SYSTEM WORKS

This ebike is equipped with power assistance from the motor to propel the bike forward: a pedal assist system (PAS).

### How Pedal Assist Works (PAS)

The rider can engage the pedal assist system (PAS) while pedaling, and it will call up assistance from the motor to help propel the bike forward. Pedal assist uses a torque sensor built into the drive train of the bike. The sensor detects when the rider revolves the pedal and signals the electric motor to provide the level of pedal assistance that has been selected. The Iconic Ultralight comes with pedal assist modes 0-5. Putting PAS in "0" mode shuts off PAS, putting PAS into "5" mode provides the highest level of pedal assist.



**CAUTION**

Please Note: before mounting or dismounting the bike, the power should be turned off to prevent accidentally engaging pedal assist.

## There are two ways to power off the bicycle:

- Press and hold the turn off/on button on the display. Press the button located on the down tube until the light around it turns off (recommended).
- If the bike is not moving, the display will turn off after 5 minutes; the battery switch will automatically turn off after 30 minutes.

## The main technical parameters

1. Bike weight: 43lbs
2. Maximum load: 260lbs
3. Maximum speed: 20Mph ( this will vary by rider )
4. 36V 7AH
5. Motor: 36V 350W
6. Range: 27 to 34 miles ( under standard test environment, this will vary by rider )
7. Charging time: 3.5 to 4 Hours

## Rider Comfort

Depending on a rider's preference, ability, and amount of experience with bike and ebike riding, lowering the seat so the rider can put one or both feet on the ground without dismounting from the seat may offer a safer and more comfortable experience while operating the bike.

Generally, for the most comfortable riding position and best possible pedaling efficiency, the seat height should be set correctly in relation to the rider's leg length, as described in the Adjusting the Seat Height section, allowing the knee to be slightly bent with the ball of the foot on the pedal and the pedal at the lowest point at the bottom of the pedal stroke.

To obtain maximum comfort, riders should not overextend their arms' reach when riding. It is generally advised to ensure the handlebar and brake lever angles allow for a comfortable arm position and relatively straight line from forearms, wrists, and hands. Ensure the handlebar angle is adjusted so that it allows the handlebar to remain clear of the riders body while turning.

A bike fitting professional, such as a certified, reputable bike mechanic who specializes in bike fit, should be consulted to ensure you have a good fit.

**NOTICE:** If you have any questions regarding the proper fit of your bike please consult a certified, reputable local bike mechanic for assistance fitting the bike to a rider or contact Iconic eBikes.

# Maintenance

## Basic Bike Care

To ensure safe riding conditions you must properly maintain your bike from Iconic ebikes. Follow these basic guidelines and see a certified, reputable bike mechanic at regular intervals to ensure your bike is safe for use and fun to ride.

- Properly maintain batteries by keeping them fully charged when between uses of up to two weeks apart. See Long-Term Battery Storage section of manual for information on storing the battery for longer than two weeks between rides.
- Never immerse or submerge the bike or any components in water or liquid as the electrical system may be damaged.
- Periodically check wiring and connectors to ensure there is no damage and the connectors are secure.
- To clean, wipe the frame with a damp cloth. If needed, apply a mild non-corrosive detergent mixture to the damp cloth and wipe the frame. Dry by wiping with a clean, dry cloth.
- Store under shelter; avoid leaving the bike in the rain or exposed to corrosive materials. If exposed to rain, dry your bike afterward and apply anti-rust treatment to chain and other unpainted steel surfaces,
- Riding on the beach or in coastal areas exposes your bike to salt, which is very corrosive. Wipe down your bike frequently and wipe or spray all unpainted parts with anti-rust treatment. Damage from corrosion is not covered under warranty so special care should be given to extend the life of your bike when used in coastal areas or areas with salty air or water.
- If the hub and bottom bracket bearings have been submerged in water or liquid, they should be taken out and regreased. This will prevent accelerated bearing deterioration.
- If the paint has become scratched or chipped in the metal, use touch up paint to prevent rust.
- Regularly clean and lubricate all moving parts, tighten components, and adjust as required.
- Regularly inspect all pre-attached and optional component hardware to ensure proper torque spec, secure attachment, and good working condition.



## Guard against rust, water damage, and corrosion

Like any vehicle used outdoors, your ebike needs care to ensure it isn't damaged by the elements. Follow these steps for a long, healthy life for your ebike:

- Store under shelter and in an upright position; avoid leaving the bike in the rain or exposed to corrosive substances such as water, salt, or de-icing substances. If exposed to rain, dry your bike afterward, and apply an anti-rust treatment to the chain and other unpainted steel surfaces.
- To clean your ebike, turn the bike and battery off and wipe the frame with a clean, damp cloth. If needed, apply a mild, non-corrosive detergent mixture to the damp cloth and wipe the frame. Dry by wiping with a clean, dry cloth. Never use high-pressure water on your ebike. Wipe down your bike frequently and wipe or spray all unpainted mechanical parts with anti-rust treatment.
- If painted metal parts become scratched or chipped, please use the provided touch up paint to make needed touchups.
- Never immerse or submerge the bike or any components in water or liquid, which can damage the electrical system.
- Avoid riding on the beach, in coastal areas with high-salinity fog, or on surfaces treated with salt or de-icing compounds. Doing so exposes your bike to salt or other substances that are very corrosive. Corrosion of electrical components can lead to permanent, irreversible damage that can cause battery failure, electrical system failure, or electrical fire. Damage from corrosion is not covered under warranty.



### **WARNING**

Damage to your ebike's electrical system caused in any manner, including water intrusion, can lead to battery failure, electrical system malfunction, or electrical fire and consequent property damage, injury, or death. Follow all recommendations to minimize chance of water damage. If you have any questions, contact [support@iconicebikes.com](mailto:support@iconicebikes.com).

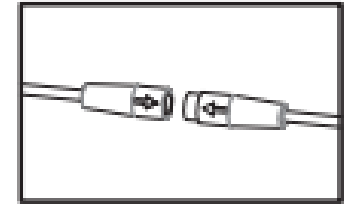
# Ebike frequent errors and their solutions

## 1. Ebike power is not switching on

- first check if the power light illuminates after pressing the power button
- check if the display port is plugged in correctly ( check that the display cable is properly secure)
- check if battery has power, ( confirm that your batter is charged )

## 2. There is no torque power while riding (motor doesn't work or respond).

- If there is no torque power while riding, display should show an error code and the problem can solved according to the code:



Check all related parts, especially if the wires appear to be connected correctly. The most frequent error is that the cable is not plugged in correctly. (Note: the cables have indicating arrows. The arrows must be alligned when connecting (right picture). If the arrows are not alligned it may cause damage to the cable. if the problem is still present after confirming that the cables are correctly connected, contact the support team at Iconic ebikes.

## Error codes on the display and their meaning

- 01 — Throttle Abnormal ( only applied for models with throttles )
- 03 — Motor hall signal Abnormal
- 04 — Torque sensor signal Abnormal
- 05 — Axis speed sensor Abnormal (only applied to torque sensor )
- 06 — Motor or controller has short circuit Abnormal

Item	Problem	Cause	Solutions
Motor Issues	Motor is not working	<ol style="list-style-type: none"> <li>1. Battery fully depleted</li> <li>2. Controller is broken</li> <li>3. Motor temperature too high</li> </ol>	<ol style="list-style-type: none"> <li>1. Charge the battery</li> <li>2. Repair or replace</li> <li>3. Wait a few minutes</li> </ol>
	Motor works intermittent	<ol style="list-style-type: none"> <li>1. The connector of motor is loose</li> <li>2. Battery voltage is too low the controller starts low voltage protection</li> </ol>	<ol style="list-style-type: none"> <li>1. Reconnect the motor</li> <li>2. Charge the battery or replace the battery</li> </ol>

<b>Battery Issues</b>	Battery has developed any kind extended shape	<ol style="list-style-type: none"> <li>1.The temperature of charging environment is too high</li> <li>2.The charger's output voltage is to high</li> </ol>	<ol style="list-style-type: none"> <li>1.Charge in a ventilated place</li> <li>2.Check whether the output voltage of charger is correct and working properly</li> </ol>
<b>Charger Issues</b>	The Light on charger is not working	<ol style="list-style-type: none"> <li>1.Fuse for input in charger is bad</li> <li>2.Power supply of the socket is loose</li> <li>3.The indicator light is broken</li> </ol>	<ol style="list-style-type: none"> <li>1.Change fuse</li> <li>2.Check for secure connection to outlet</li> <li>3.Replace indicator light</li> </ol>
	The green light is not illuminating after full charge (5 hours)	<ol style="list-style-type: none"> <li>1.The charging voltage is too high</li> <li>2.Battery is damaged</li> <li>3.The indicator light on the charger is broken</li> </ol>	<ol style="list-style-type: none"> <li>1.Replace the charger</li> <li>2.Replace the battery</li> <li>3.Replace an indicator light</li> </ol>

# Warnings and Safety

## General Operating Rules

**Notice: Pay special attention to all the general operating rules below before operating your bike from Iconic EBikes.**

- When riding, obey the same road laws as all other road vehicles as applicable by law in your area.
- For additional information regarding traffic/vehicles laws, contact the road traffic authority in your area.
- Ride predictably, in a straight line, and with the flow of traffic. Never ride against traffic.
- Use correct hand signals to indicate turning.
- Ride defensively; to other road users you may be hard to see.
- Concentrate on the path ahead. Avoid potholes, gravel, wet or oily roads, wet leaves, curbs, train tracks, speed bumps, drain gates, thorns, broken glass, and other obstacles, hazards, and puncture flat risks. Cross train tracks at a 90-degree angle or walk your bike across.
- Expect the unexpected such as opening car doors or cars backing out of driveways. Be careful at intersections and when preparing to pass other vehicles or other cyclists. Familiarize yourself with all the features and operations of the bike by Iconic Ebikes. Practice and become proficient at shifting gears, applying the brakes, using the power assist system, and using the throttle in a controlled setting before riding in riskier conditions.
- Wear proper riding clothes and safety equipment including closed-toe shoes and approved helmet. If you are wearing loose pants, secure the bottom using leg clips or elastic bands to prevent them from being caught in the chain or gears. Do not use items that may restrict your hearing.
- Check your local rules and regulations before carrying cargo.
- When braking, apply the rear brake first, then the front brake. If brakes are not correctly applied, they may lock up, you may lose control, and you could fall.
- Maintain a comfortable stopping distance from all other objects, riders, and vehicles. Safe braking distances are based on factors such as road surface and light conditions among other variables.

## Safety Notes

**The following safety notes provide additional information on the safe operation of your bike from Iconic ebikes and should be closely reviewed. Failure to review these notes can lead to serious injury or death.**

- All users must read and understand this manual before riding their bike from Iconic ebikes. Additional manuals for components used on the bike may also be provided and should be read before installing or using those components.
- Ensure that you comprehend all instructions and safety notes and warnings.
- Ensure the bike fits you properly before your first use. You may lose control or fall if your bike is too big or too small.
- Always wear an approved bicycle helmet whenever riding a bike and ensure that all helmet manufacturer instructions are used for fit and care of your helmet. Failure to wear a helmet when riding may result in serious injury or death.
- Ensure correct setup, tightening, and torquing to recommended torque values is performed on your bike before first using it and check the setup, tightening, and condition of components and hardware regularly.
- It is your responsibility to familiarize yourself with the laws and requirements of operating this product in the area(s) where you ride.
- Ensure the handlebar grips are undamaged and properly installed. Loose or damaged grips can cause you to lose control and fall.
- Do not use this product with standard bike trailers, stands, vehicle racks, or accessories that Iconic ebikes has not tested for safety and compatibility and have verified as safe and compatible with the bike. Contact Iconic ebikes to check if your equipment will work with the bike.
- Off-road riding requires close attention, specific skills, and presents variable conditions and hazards. Wear appropriate safety gear and do not ride alone in remote areas. Check local rules and regulations about whether off-road ebike riding is allowed.
- **DO NOT ENGAGE IN EXTREME RIDING.** This includes but is not limited to jumps, stunts, or any riding that exceeds your capabilities. Although many articles/advertisements/catalogs depict extreme riding, this is not recommended nor permitted, and you can be seriously injured or killed if you perform extreme riding.

## Safety Notes (Continued)

- Bikes and bike parts have strength and integrity limitations, and extreme riding, including but not limited to jumps, stunts, etc., should not be performed as it can damage bike components and/or cause or lead to dangerous riding situations in which you may be seriously injured or killed.
- Failure to perform and confirm proper installation, compatibility, proper operation, or maintenance of any component or accessory can result in serious injury or death.
- After any incident, you must consider your bike unsafe to ride until you consult with a certified, reputable bike mechanic for a comprehensive inspection of all components, functions, and operations of the bike. Failure to properly charge, store, or use your battery will void the warranty and may cause a hazardous situation.
- Extreme care should be taken when using the pedal assistance feature on this product. Ensure you understand and are prepared for the power assistance to engage as soon as pedaling is underway. Always use the lowest pedal assist level until you are comfortable with the bike and feel confident in controlling the power.
- Any aftermarket changes to your bike from Iconic ebikes not expressly approved by Iconic ebikes could void the warranty and create an unsafe riding experience.
- Because electric bikes are heavier and faster than normal bikes, they require extra caution and care while riding.
- Take extra care while riding in wet conditions including decreasing speed and increasing braking distances. Feet or hands can slip in wet conditions and lead to serious injury or death.
- Please make sure your tire reflectors are installed at all time.

## Helmets

It is strongly advised that a rider always wear a properly fitting and approved bicycle safety helmet when riding. Once safely dismounted from the bike, a helmet should be removed. Bicycle helmets should only and always be used for bicycle riding.



When riding a bike, always wear a properly fitted helmet that covers the forehead. Many locations require specific safety devices. It is your responsibility to familiarize yourself with the local law rules, and regulations where you ride and to comply with all applicable laws, including equipping yourself and your bike as the law requires.

## General Warnings



Like any sport, bicycling involves risk of damage, injury, and death. By choosing to ride a ebike, 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.





The Iconic Cruiser is designed for use by persons 18 years old and older. Riders must have the physical condition, reaction time, and 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 a 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.

### **A Note for Parents and Guardians**



As a parent or guardian, you are responsible for the activities and safety of your child. The Iconic Cruiser is not designed for use by children under the age of 18.

### **Wet Weather**



It is recommended to not ride in wet weather if avoidable. Ride in Dry weather only when possible.

This electric bike is not meant for use in puddles, heavy rain, or streams. Never immerse or submerge this product in water or liquid as the electrical system may be damaged.

- In wet weather you need to take extra care when operating this bike.
- Decrease riding speed to help you control the bike in slippery conditions.
- Brake earlier since it will take longer to slow than when operated in dry conditions.
- Take care to be more visible to others on the road. Wear reflective clothing and use approved safety lights.
- Road hazards are more difficult to see when wet; proceed with caution.

## Night Riding



It is recommended to not ride at night if avoidable. Ride at night only if necessary.

- Wear reflective and light-colored clothing.
- Slow down and use familiar roads with street lighting, if possible.
- Ensure tire wall, pedal, and other reflectors are installed and unobstructed.
- Ensure head light and taillight/brake light are functioning.

# Limited Warranty

## **ICONIC Ebikes LIMITED 1-YEAR WARRANTY AND POLICY ON REPLACEMENT PROCEDURES & RESPONSIBILITIES**

Each new Iconic electric bike comes with a limited manufacturer's warranty for the original retail purchaser. This warranty provides each original retail purchaser of an Iconic eBike with a warranty against manufacturer's defects only.

Warranty claims only exist for initial faults that were already present at the time of handover. Iconic EBikes grants a 1-year guarantee for manufacturing defects only.

Iconic EBikes reserves the right to determine if the product has been operated in accordance with the products intended use and whether user error and or neglect is the cause for the product damage or failure. Iconic Ebikes will require video and photographic submissions to review each warranty claim. If the issue is not clearly evident in the submitted photos, customer will be required to send additional video or photos that clearly shows the issue or concern.

If your product arrives with a defective component (ex: Controller, Display, Cadence or Torque Sensor, Battery and Motor) and reported within 3 working days from the delivery date, Iconic Ebikes will cover the component under our warranty policy listed below. Component replacements do not necessitate a full ebike replacement or are eligible for a refund as long as Iconic Ebikes has been given the opportunity to repair any failed components back to working, like-new condition. If a component cannot be repaired, Iconic Ebikes will replace that failed component.

Iconic Ebikes reserves the right to use substitute parts, materials and equipment that meet equivalent value and Iconic Ebikes's quality standards as part of any warranty claim.

# COVERED PRODUCTS

Iconic will replace any component that is deemed to be defective or damaged (without including damages caused during shipping) without user error. The warranty covers the listed products and follows the terms below

## **Warranty Inclusions (Main Components)**

- Controller
- Display
- Motor
- Frame
- Forks
- Battery
- Headlight

## **This warranty shall be effective only if all the following conditions are met:**

- If the bike was purchased directly from [iconicebikes.com](http://iconicebikes.com) or one of our authorized retailers.
- If you are the original and first owner of the bike (warranty is not transferable).
- If the bike has followed all intended use purposes.
- If the electronics have not been repaired or modified.
- Although professional assembly is not required, we suggest our bikes be assembled by a knowledgeable bike mechanic or professional. If any components are damaged as result of the customer incorrectly installing a component, the customer will be responsible for replacement and shipping costs. (ex: Crank arm damage, stripped bolts, damaged headset from improper assembly, etc)
- Rider and purchaser is 18 years of age or over and possesses the legal capacity and authority to purchase and ride an eBike.
- The bike is ridden only on paved roads and trails. Using the bike for any other purpose may result in serious injury.
- Maximum total weight of rider including any cargo is at all times below 260lbs.

# Warranty Exclusions

The warranty applies only to customers purchasing in the contiguous United States. No other party other than Iconic Ebikes may change the terms.

## **This WARRANTY DOES NOT COVER THE FOLLOWING:**

- Normal wear and tear from use or exposure to the elements.
- Damage or failure from abuse, neglect, misuse, or accident.
- Damage or failure from modification of any of the bike's systems.
- Damage or failure of any part of the electrical system resulting from improper storage or charging of the battery. Improper charging of the battery could cause serious external damage to persons or property.
- Installation of any 3rd party parts, accessories, or electrical components.
- If customer does not provide sufficient video or photographic evidence of the warranty claim.
- All warranties are void if used for any purpose other than the reasonable intended use.

## **Wear and Tear**

Wear and tear refer to damage that is caused inevitably over time through normal use of the bicycle. This also applies to scratches and other potential damage to paint and finishes. The bicycle may over time develop creaks and other minor noises indicating maintenance is needed. This following non-exhaustive list covers items that are considered wear items excluded from warranty:

- Headset, hub, and wheel bearings
- Brake pads and brake rotors
- Freehub bodies and freewheels

- Handlebar grips, saddle covers and pedals
- Shift and brake cables, and housing
- Derailleurs, chains, belts, and cassettes
- Spokes and spoke nipples
- Tires and inner tubes

## How To Handle Warranty Claims

Iconic Ebikes will cover labor and parts within the 30-day period after purchase. Our credit for labor is based on a standard fee schedule for bike repairs and could be higher or lower than the cost at your local bike shop. You must wait for us to ship warranted component rather than replacing on your own. Please allow 1-3 weeks for shipping replacement components, if the component is in stock. In the rare occasion that a replacement component is not in stock, Iconic Ebikes reserves the right to obtain the product from a third part vendor and will not be responsible for any potential shipping delays. It is the owner's responsibility to immediately inspect your bike on receipt, within 3 days. Freight claims are time sensitive. To quickly resolve the issue the owner must send an email with a photo and/or video if appropriate to our Support Team using at **support@iconicebikes.com** We will make any necessary repairs to remedy the situation.

After 30-day free repair period Iconic EBikes will ship replacement parts within the first year at no charge. The owner will be responsible for labor. Warranty parts will be shipped in the U.S. only at our cost. It will be necessary to send an email with a photo and or video as appropriate to our Support Team using our **support@iconicebikes.com** so we can diagnose any issue.

Iconic Ebikes reserves the right to make judgement determinations of proper use based on the evidence provided and may require additional photos and or videos of the item or issue in question.

# Shipping Claim

Iconic Ebikes is committed to ensuring that your package arrives in good condition. In the unlikely event that your package is damaged during delivery, rest assured that it's insured. A claim may be filed with the shipping company and we will work together to resolve damaged goods on arrival.

If you receive a damaged package, you may choose to accept the delivery and take clear photos of the box and bike right away. Then, you must file a damage report with the shipping company within two (2) business days after delivery. It is important that you follow the instructions carefully to ensure that your claim is valid and not rejected by the insurance company. Once we receive your claim, we will work with you to replace or fix any parts that were damaged.

**Note: We will not accept shipping damage claims after 7 days from the date of receipt of the product.**

It is important to note that if your bike or accessories are returned in damaged condition, with missing parts, or otherwise show signs of abuse, Iconic Ebike's reserves the right to refuse a refund or to charge additional restocking fees at our sole discretion.

# Link to Assembly Video and Online Resources

## Assembly Video



Please scan QR code

## Online Resource

For more information, please visit the  
Iconic EBikes website



[www.iconicebikes.com](http://www.iconicebikes.com)



# WE ARE HERE TO HELP!

**If you have questions, please: Access  
Iconic Bikes Help Center**



[www.iconicebikes.com](http://www.iconicebikes.com)

**Contact us directly by  
email to**



[support@iconicebikes.com](mailto:support@iconicebikes.com)