

ebikes
i**co**nic

OWNER'S MANUAL ICONIC CRUISER



Welcome

Thank you for purchasing the Iconic Cruiser through 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.

Online Resource

For more information, please visit the
Iconic EBikes website



www.iconicebikes.com

Assembly Video & 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 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. 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.

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 prevent rust.
- 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.

Additional precautions regarding electrical components



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 if you have any questions or to purchase a compatible replacement battery or charger.

HOW THE ELECTRICAL SYSTEM WORKS

This ebike is equipped with two ways for a rider to use power assistance from the motor to propel the bike forward: a pedal assist system (PAS) and a thumb throttle.

How Pedal Assist Works

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 cadence 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 Cruiser comes with pedal assist modes 0-5.

How the Throttle Works

The throttle is located on the right side of the handlebar. The rider can use it with a push of the thumb to propel the bike forward without pedaling. Please note thumb throttle will not work in (PAS) Mode 0.

To engage the throttle while riding, slowly and carefully press down on the throttle. The more you press, the more powerfully the throttle will propel the bike forward. Once you release the throttle or apply the brakes, the throttle will no longer propel the bike forward. Always keep one hand on the brake lever and be prepared to squeeze the lever to disengage the throttle if needed. **Please note:** before mounting or dismounting the bike, the power should be turned off to prevent accidentally engaging the throttle.



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

Do not touch the brake rotor



WARNING

Touching the brake rotor, which has sharp edges and can get very hot while you're riding, can cause serious injury, slicing damage, or burns. The brake rotor heats up from normal friction when the brake pads press against the brake rotor to slow or stop the bike. Touching the brake rotor with bare skin can also transfer natural oils to the rotor, which can decrease braking performance. Do not touch the brake rotor, especially when it's in motion or after you've been riding your bike. Touch the brake rotor only for necessary maintenance when it is cool, not moving, and while you are wearing gloves or using other appropriate protective equipment.

Warranty update

Notwithstanding the warranty information in the manual, the warranty period begins at the date of receipt of this ebike by the customer. The latest version of the warranty terms is available at

www.iconicebikes.com

TABLE OF CONTENTS

1. Using This Manual	1
2. General Information	2
3. Assembly Instructions	6
4. Battery Charging	17
5. Operation	25
6. Maintenance	35
7. Troubleshooting	42
8. Warnings and Safety	44
9. Limited Warranty	50
10. Link to Assembly Video and Online Resources	55

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 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 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 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.

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. All Cruisers by ICONIC EBikes 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 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 (Pg. 38).

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 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 and the front wheel to the bike. These provide convenience to the user since they allow the front wheel to be removed and 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. 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. The battery MUST be locked onto the frame battery mount properly before use. Do not operate the electrical system if the battery is removed.

Assembled Iconic Cruiser



Assembly Instructions

NOTICE: The following steps are only a general guide to assist in the assembly of your ebike and are not a complete or comprehensive manual of all aspects of assembly, maintenance, and repair. Consult a certified, reputable bike mechanic to assist with assembly, repair, and maintenance of your ebike.

Assembly Video: We highly recommend watching the assembly video before beginning assembly. The Assembly Video displays the step-by-step assembly process. Please reference QR code found throughout manual.

Step 1

Unpack the bike. Open the bike box and remove the small box inside. With the help of another person capable of safely lifting a heavy object, remove the Iconic Cruiser from the bike box. Carefully remove the packaging material protecting the bike frame and components. Please recycle packaging materials especially cardboard and foam whenever possible. The following items are included in the box:

- Front Wheel (Please be sure to slide the wheel sideways to remove from crank)
- Front Wheel Quick Release
- Assembly Tool
- Battery Charger
- Pedals
- Display
- Front light
- Seat and seat tube
- Keys (2)
- Touch up Paint

Step 2

Install the front fender and front wheel. (scan the QR code to view the installation video)
Remove the fender bolts from the front fork, install the fender with the short side of the fender forward (don't tighten the fender completely) Locate the quick release lever, found inside accessory box. Remove the brake caliper stopper (currently located between the two front brake pads) and the fork stand. Install the tire and align the brake disc up with the same side as brake caliper, as you lower the fork onto the wheel axel.



- **Install the skewer into the front wheel axle from the brake rotor side.** Reinstall the cone spring so it points toward the wheel hub then thread the thumb nut onto the skewer only a couple turns, leaving room for the fork dropouts. Make sure the lever is open and carefully lower the fork onto the axle and brake caliper. (Note: Please ensure brake rotor alignment while installing front wheel onto forks)
- **Tighten axel quick release skewer** add tension to the lever by turning the thumbnut. When there is enough resistance to hold the quick release lever in line with the axle, close the lever using the palm of your hand without touching the brake rotor.
- **When properly installed, the front wheel should** be fully seated and centered in the dropouts of the front fork, the brake rotor should be in between the brake pads in the brake caliper, and the quick release lever should be fully and properly secured. Ensure the front wheel and quick release lever are properly secured before moving on to the next step.





CAUTION

Never touch the brake rotor, especially when the wheel and/or bike is in motion, or serious injury could occur. Hand oils can cause squeaking and decrease brake performance; do not touch the brake rotor while inspecting, opening or closing the quick release lever.

Step 3

Install the handlebar onto stem.

Remove the bolts on the stem, put the handlebar into the stem correctly.

- Center the handlebar and ensure the cables and wires are not twisted.
- Locate the assembly tool in the accessory box. Ensure the correct four bolts are used to install the handlebar faceplate. The handlebar faceplate bolts use a 4 mm Allen wrench.
- Center the handlebar and tighten the four stem faceplate bolts evenly and part way.
- Adjust the handlebar so the grips are approximately parallel to the ground when the front wheel is installed or to your desired height.
- Secure to the recommended torque value. Once adjusted properly, use a torque wrench with a 4 mm Allen bit to evenly tighten the four stem faceplate bolts (shown at right) to the recommended torque value, 10 Nm.

Get help from a bike fitting professional for safety and optimal fit and bike ergonomics. Consult a certified, reputable, and local bike fitting specialist for assistance properly fitting the bike to a rider.





WARNING

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.

Step 4

Perform a handlebar twist test to ensure the handlebar stem is secure

- **Brace the front wheel.** Stand at the front of the bike, facing the handlebar, and brace the front wheel between your feet and lower legs.
- **Try to twist the handlebar.** Hold both handlebar grips and push forward with one hand while pulling back with the other. Push and pull at the same time with about 20 lb (9 kg) of force with each hand.
- **Ensure the handlebar and wheel stay properly aligned.** The handlebar and handlebar stem should be tightly secured perpendicular to the front wheel.
- **Repeat the twist test pulling/pushing** with the opposite hands, again with 20 lb (9 kg) of force pulling with one hand and 20 lb (9 kg) of force pushing with the other.

If needed, align the handlebar and stem and torque the stem clamp bolts evenly to the specification for the handlebar stem clamp bolts in the Recommended Torque Values table below. After torquing the stem clamp bolts to the proper specification, perform the twist test again. If the handlebar still moves, contact support@iconicebikes.com.



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.

Step 5

Install the Display and Front light

Remove the two round rubber bushings, and install them on each side of the stem, install the display onto the two rubber bushings, then install the display and controller and tighten screws to the handlebar. Connect the green plugs by aligning the two marked arrows. Headlight- Remove the bolts on both sides of the light, put the black washer between the light and the bracket, connect the yellow plugs by aligning the two marked arrows.

Step 6

Set the desired seat height

Open the quick release lever. Ensure the seat post clamp opening is aligned with the notch at the front of the seat tube. Adjust the seat post up or down to a comfortable height, while ensuring the seat post is inserted into the frame past the minimum insertion point.

Step 7

Install the pedals.

Locate the pedal with R for right and L for left. The right pedal goes on the crank on the right side of the bike.

- **The right pedal (1)** is threaded so that it is tightened by turning clockwise. Carefully thread the right pedal onto the crank on the right side of the bike slowly and by hand. Do not cross thread or damage the threads.
- **The left pedal (2)** is reverse-threaded and tightens counterclockwise. Carefully thread the pedal onto the left crank by hand slowly. Do not cross thread or damage the threads.

Torque each pedal to 35 Nm. Use a pedal wrench to avoid damage caused by wider wrenches. Pedal wrench provided with multitool.



Identifying mark



Right pedal (1) tightens clockwise



Left pedal (2) tightens counterclockwise

Step 8

Always check that the battery is locked to the frame of the Iconic Cruiser

The key is to used to lock and release the integrated battery before riding. Operate the electrical system when the battery has been adequately charged and the battery is secured to the mounting receptacle on the frame.

Step 9

Ensure all hardware is tightened properly following recommended torque values. Recommended Torque Value:

Hardware Location	Hardware	Torque Required (Nm)
Handlebar Area	Handlebar Stem Clamp Bolts	51
Handlebar Area	Handlebar Stem Faceplate Bolts	10
Handlebar Area	Brake Lever Clamp Bolt	6
Handlebar Area	Shifter Clamp Screw	6
Brakes	Caliper Adapter to Frame	6-8
Brakes	Caliper to Adapter	6-8
Brakes	Brake Cable to Caliper Clamp	6-8

Brakes	Disc Brake Rotor to Hub	7
Seatpost Area	Seat Angle Adjustment Bolt	20
Rear Dropout Area	Rear Axle Nuts	40
Rear Dropout Area	Rear Torque Arm Bolt	5
Rear Dropout Area	Derailleur Bash Guard Mounting Bolts	5
Rear Dropout Area	Derailleur Hanger Mounting Bolt	6
Rear Dropout Area	Derailleur Mounting Bolt	10
Rear Dropout Area	Derailleur Cable Pinch Bol	6-8
Rear Dropout Area	Kickstand Mounting Bolts	8
Bottom Bracket and Crank Area	Bottom Bracket and Lockring	60
Bottom Bracket and Crank Area	Crank Arm Bolt into Bottom Bracket Spindle	35
Bottom Bracket and Crank Area	Pedal into Crank Arm	35
Bottom Bracket and Crank Area	Chainring Bolts	10
Bottom Bracket and Crank Area	Controller Mounting Bolts	6
Fenders	All Fender Mounting Bolts and Hardware	6
Optional Rear Rack	Mounting Hardware for Rear Rack	7

Step 10

Review the remainder of the manual

Once the bike has been assembled per the above instructions read, understand, and follow the procedures outlined in the remainder of the manual before operating the bike.



WARNING

If you have any questions regarding the assembly of your bike, contact Iconic eBikes. If you are not able to ensure all the assembly steps in the assembly video are performed properly, or you are unable to view the assembly video, you **MUST** consult a certified, reputable local bike mechanic for assistance in addition to contacting Iconic eBikes for help.



WARNING

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.

Adjusting the Seat Height

For most users, the seat height should be set by placing the ball of their foot on the pedal when the crank is at its lowest point. In this orientation their leg should almost be fully extended, with a slight bend at the knee. The correct seat height should not allow leg strain from over extension and the hips should not rock from side to side when pedaling. To adjust the seat height.

1. Open the quick release lever by swinging the lever open and outward fully (depicted at right).
2. Move the seat up and down by sliding the seat post in or out of the seat tube. Set the desired seat height.
3. After tightening the adjustment nut (opposite the quick release lever) on the seat post quick release properly; close the quick release lever fully so it looks like the image at right and the seat cannot move up, down, to the left, or right.



Before using the bike, always check to ensure all latches, levers, and quick releases are properly secured and undamaged. Check that they are correctly secured before every ride and after every time the bike is left unsupervised, even for a short time. Otherwise, the handlebar stem and/or seat post may come loose and can result in loss of control, damage to the bike, property, serious injury, and/or death.

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.

Battery Charging

Charging Procedure

Follow these steps for charging your ebike battery:

1. Ensure the battery is off by powering off the bike.
2. Remove the rubber cover on the charging port (3, below) on the opposite side of the battery from the key switch.
3. Plug the charger into the batter/s charging port. With the battery on or off the bike, place the charger in a flat, secure place, and connect the DC output plug from the charger (round barrel connector) to the charging port on the side of the battery (3, below).
4. Plug the charger into a standard power outlet. Connect the charger input plug (110/120-volt plug) to the power outlet. Charging should initiate and will be indicated by the LED charge status lights on the charger illuminating as red lights. Charging should initiate and will be indicated by the LED charge status lights on the charger illuminating as red lights.
5. When the charging light turns from red to green, unplug the charger from the outlet, then the charging port. A green light indicates that the battery is fully charged.

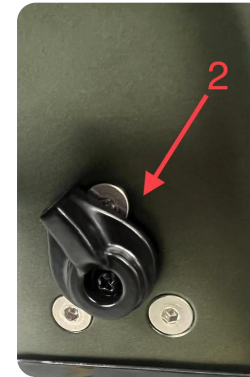


Always charge your battery in temperatures between 50 °F - 77 °F (10 °C • 25 °C) and ensure the battery and charger are not damaged before initiating charge. If you notice anything unusual while charging, please discontinue charging and use of the bike and contact support@iconicebikes.com for help.



Battery Charging Information

- Check the charger, charger cables, and battery for damage before beginning each charge.
- Always charge in a safe area that is cool*, dry, indoors, away from direct sunlight, dirt, or debris, in a clear area away from potential to trip on the charging cords, or for damage to occur to the bike, battery, or charging equipment while parked and/or charging. * Always charge your battery in temperatures between 50 °F — 77 °F (10 °C — 25 °C).



- The battery can be charged on or off the bike. To remove the battery, turn the key to unlocked position. Remove the key from the key port by pulling directly backward without twisting, and then carefully pull the battery forward and up until the battery detaches from the receptacle.
- The battery should be recharged after each use, so it is ready to go the full range per charge on your next ride. There is no memory effect, so charging the battery after short rides will not cause damage.
- Charging the battery normally takes 6-10hours. In rare cases, it may take longer to allow the battery management system to balance the battery, particularly when the bike is new or after long periods of storage. Balance the battery during the first three charges. See the Balancing the Battery section for more information.
- The charge indicator lights will show one red light while the battery charges. When charging is complete the indicator light will turn green. Ensure the lights face upward when charging.

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



Do not leave a charging battery unattended. Failure to follow Battery Charging Best Practices could result in unnecessary wear to the charging components, battery, and or charger, and could lead to an underperforming or non-functional battery and replacement will not be covered under warranty

When the Battery Is Removed

- Ensure the battery is off and the key is removed from the key port whenever it is being removed or off the bike.
- Be careful not to drop or damage the battery when lifting the battery off the frame or while loose from the bike.
- Do not touch or damage the and terminal contacts on the bottom of the battery and keep them clear of debris.
- Do NOT operate the bike with the electrical system in the on position, or damage to the electrical system can occur



Use caution to avoid damage to battery connector terminals, which are exposed when the battery is unlocked and removed from the frame of the bike. In the case of damage to the terminals or battery mounts, please discontinue use and contact support@iconicebikes.com immediately.

When Installing the Battery onto the Bike

- Ensure the battery is off and the key is out of the key port before sliding the battery onto the frame mount receptacle.
- Do not force the battery onto the receptacle; slowly align and gently push the battery down into the receptacle.
- Ensure the battery has been properly secured to the bike with battery latch before each use by carefully pulling upward on the battery with both hands to test the security of the attachment of the battery to the mount once locked.

Charging Time

When the input and output plugs of the charger are connected properly, and the battery is not fully charged, the red charging indicator lights should illuminate; when charging is complete, one green light should illuminate. The time the charger takes to fully charge the battery is dependent on various factors including distance traveled, riding characteristics, terrain, payload, and battery age. The following table provides an estimate of charge time based on most common distances traveled in regular operation

Distance Traveled	Estimated Time to Fully Recharge
5 mi (8 km)	2 hour
10 mi (16 km)	3 hour
15 mi (24 km)	4.5 hour
20 mi (32 km)	6 hour
25 mi (40 km)	7 hour
30 mi (48 km)	8 hour
45 mi (72 km)	10 hour

Notice: The battery may take longer to charge when fully depleted, when very new, and after 3-5 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 immediately.

Charger Safety Information

- The charger should only be used indoors 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.
- 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.



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



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.

Balancing the Battery

When you first receive your bike and for the first three times you charge your battery, from Iconic Ebikes, follow the procedure outlined below to ensure the cells that power the battery are balanced and operating as efficiently as possible.

Note: Since the battery should arrive with between 50-75% of a charge, it should be able to be ridden without initially charging once assembled and verified as safe by a certified, reputable bike mechanic. Charging normally before the first ride is also fine.

1. After the first, second, and third ride, regardless of distance ridden or the amount of battery used, charge the battery and leave the charger attached to the battery and the outlet for as close to 12 hours as possible (but not longer than 12 hours).
Note: this may require leaving the charger attached to the battery and outlet even after the charger illuminates one green light indicating the battery is full.
2. Disconnect the charger from the outlet then the battery once the first balance charge (long charge as close to, but not longer than, 12 hours) is complete and store the bike until you are ready for your next ride.
3. Ride the bike again with power assistance as normal, and discharge part (or all) of the battery capacity.
4. Repeat steps 1-3 for a total of three balance charging sessions (as close to, but not longer than, 12 hours).
5. After the third balance charge and fourth ride, begin normal charging procedures including:

- Charging the battery after each ride according to the Battery Charging Information section.
- Removing the charger from the battery as close to the green charge light indicating the battery is full, which will typically occur between 3-7 hours.
- Never leaving the battery charging for longer than 12 hours.
- Never leaving the battery/charger unattended while charging.

Repeat battery balancing steps 1-5 only after a period of long-term battery storage (see the Long-Term Battery Storage section), if experiencing noticeable range decline, when instructed to do so by Iconic Ebikes, or up to once per month with frequent use as proactive battery maintenance. Do not perform battery balancing more than once per month

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.
- Power off the battery either locked to the frame or unlocked and removed from the frame for storage (see Start-Up Procedure)
- Store 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.

Operation

NOTICE: Do not perform any of the steps in the Operation section of this manual until you have read this entire manual, since there are important details related to safety in the following sections.



Read and understand all sections of this entire manual before operating the bike for the first time. There are important safety warnings throughout the whole manual that must be followed to prevent dangerous situations, accidents, damage to the bike, damage to property, injury, or death.



Users must follow the instructions and warnings contained in this manual for safety. Do not attempt to operate your bike from Iconic ebikes until you have adequate knowledge of its control and operation. Damage caused by failing to follow instructions is not covered under warranty and could result in dangerous situations, accidents, injury to you and others, damage to the bike, damage to property, injury, or death. Contact Iconic ebikes if you have any questions about assembly or operation.



Users must become accustomed to the bike's power control system before operating. The throttle mechanism allows full power to be activated from a stop and inexperienced users should take extra care when first applying the throttle. The pedal assistance feature is also a powerful option and users should fully research and understand how to operate it before first use. Not taking care to familiarize yourself and practice the operation of the power system on your bike from Iconic ebikes can lead to damage, serious injury, or death.

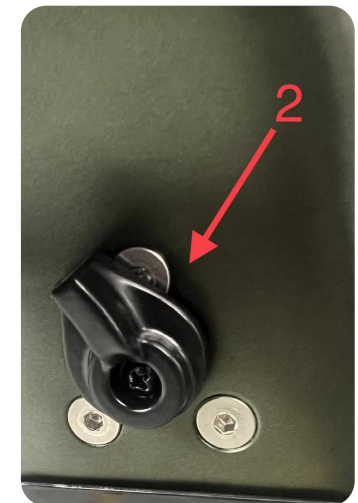
Battery Key Positions

Familiarize yourself with the key port and key positions before riding the bike. The photo below shows the key port aligned in key position 1, in line with the small open circle icon. In key position 1, the battery is in the "on" position, with the battery locked to the frame, and the key removed so the bike is ready to ride.



Key Position	Description
1	locked to frame
2	Remove battery from frame

Black safety latch Position	Description
1	locked to frame
2	Remove battery from frame





Location on Handle	Component	Location on Handlebar	Component
1	Turning signal light	5	Throttle
2	LCD Display Remote	6	Shifter
3	LCD Display	7	Front light highbeam
4	Gear Indicator		

Display Operation

- **Switching the Ebike System On/ Off** Press the power button to switch on the Ebike system. To hold the power button for 2 s, the Ebike system will be switched off. The Ebike system no longer uses the battery power.
- **When parking the Ebike** for more than 10 minutes, the E-bike system switches off automatically.
- **Display Interface** After switching on the Ebike system, the display will show Speed and Trip Distance as default. Pressing the “i” button to switch between following elements: Trip (mi) — ODO (mi)— Max. Speed (MPH)→ Avg. Speed (MPH) — Time (Min.) .



Assist Level Selection

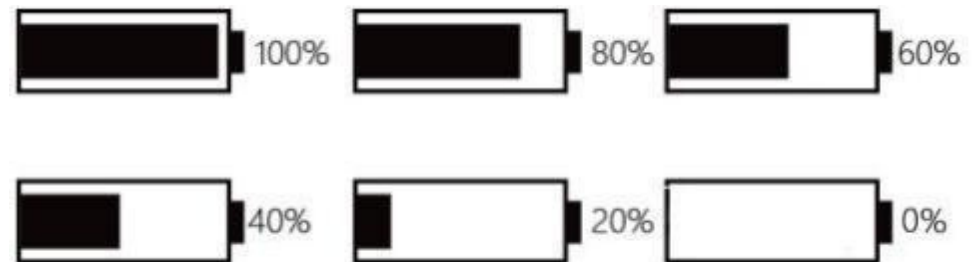
Briefly press "+" or "-" button to switch between assistance levels to change the motor assist level. The default assistance level ranges from level "0" to level "5".

Battery SOC Indicator

The five battery bars represent the capacity of the battery. As percentage lowers, this indicates battery is getting low and is time to recharge. Please note these are estimated charge levels, battery may lose power before reaching 0%.



Assist Level Interface



Battery SOC Indication Interface

Driving Range

The range of your bike from Iconic ebikes is the distance the bike will travel on a single full charge of the onboard battery. The range values in this manual are estimates based on expected usage characteristics. Some of the factors that affect range include changes in elevation, speed, pay load, acceleration, number of starts and stops, ambient air temperatures, tire pressure, terrain, and use of throttle.

We suggest that you select a lower assistance level when you first get your bike from Iconic ebikes to get to know your bike and travel routes. Once you become familiar with the range requirements of your travel routes and the capabilities of your bike from, you can then adjust your riding characteristics if you so desire.

The following table provides general range estimates based on various factors. This table is meant to help owners understand the factors that can contribute to decreased range, but Iconic ebikes makes no claims to the range that individual users might experience in a particular use case.

Expected Range	Operating Condition(s)
18 miles	<ul style="list-style-type: none">• Hilly Terrain• Heavy Payload• Windy• High Pedal Assist Level/ High Throttle Use Light Pedaling

24 miles	<ul style="list-style-type: none"> • Flat Terrain • Normal Payload • Not Windy • Medium Pedal Assist Level/ Moderate Throttle Use Light Pedaling
34 miles	<ul style="list-style-type: none"> • Flat Terrain • Normal Payload • Not Windy • Low Pedal Assist Level/ Minimal Throttle Use Moderate to Heavy Pedaling

Carrying Loads

MAXIMUM PAYLOAD CAPACITY FOR Iconic Cruiser

The total maximum weight limit, or payload capacity, of the Iconic Cruiser (375 lb) includes the weight of the rider as well as clothing, safety gear, cargo, accessories, passengers, etc. The Iconic Cruiser is compatible with the optional rear rack and that are not included in the base price of the bike.

- Total maximum payload: 375 lb
- Rear rack maximum payload: 60 lb



The optional Iconic Cruiser rear rack is designed for no more than 60 lb of total cargo, regardless of any third-party rear rack accessories that might carry a higher weight rating. Heed this 60 lb limit, or damage to your bike, property, and/or cargo, and serious injury or death of the rider.



You **MUST** hold onto the bike whenever loading cargo. The kickstand is not designed to be used for loading cargo. Do not assume the bike is stable and balanced when using the kickstand. Always hold onto the bike when cargo is being loaded, in place, or attached to the ebike.



The Iconic cruiser is not built for passengers and it is not allowed at any time. Serious injury or death can occur if a passenger impacts the user*s ability to safely operate the ebike.

Carrying Cargo

Carrying a cargo load involves additional risks, which require special attention and care. Braking, acceleration, and balancing are all significantly affected by the addition of cargo loaded on the ebike. To safely operate your ebike while carrying cargo, you must get used to the differences in braking, steering, balance, etc. that come with the extra weight. Users should practice riding on a flat and open area with light cargo before attempting to carry heavier loads.

Notice: The following bulleted list provides important tips for the safe operation of the ebike when used for carrying cargo.

- Cargo should be loaded as low as possible to lower the center of gravity and improve stability, but cargo should not interfere with any moving components or the ground.
- Ensure your loads are properly secured and periodically check that nothing loosens, risks interfering with any moving components, or could touch or drag on the ground.
- Become proficient at controlling the ebike with cargo in a flat, open area before riding on roads or hills. Know your limits and plan routes accordingly.



Hills that are normally easy to climb and descend without cargo can become challenging and dangerous once cargo is loaded onto the bike, as the extra weight affects steering, braking, and balance as well as the amount of power it takes to go uphill.



Do not use the front brake by itself. Apply the rear brake first, then the front brake, and use both brakes for all braking operations. Braking with only the front brake can cause excessive stress on components, damage to the bike and parts, and/or loss of control.



It is always the user's responsibility to ensure that cargo loaded on the ebike does not interfere or impact the user's ability to safely operate the ebike. Serious injury or death can occur if cargo impacts the user's ability to safely operate the ebike.

Parking, Storage, and Transport

Please follow these basic parking, storage, and transport tips to ensure your bike is well cared for on and off the road.

- When pushing or carrying the bike manually, turn off the power to avoid accidental acceleration from the motor. Turn the power and any lights off to conserve battery.
- Ensure the battery is locked to the frame in the off position or use the key to remove the battery and bring it with you for security or storing in a temperature-controlled location.
- Park indoors when possible. If you must park outdoors in rain or wet conditions, you should leave your ebike outside for only a few hours and then park it in a dry location as soon as possible to allow all of the systems to dry out. As with a regular bike, an ebike used in wet conditions needs more frequent maintenance to prevent rust, corrosion, etc. and to ensure all systems are working safely.
- In public places, your bike from Iconic ebikes must be parked in accordance with local rules and regulations.
- Locking up your bike is recommended to ensure your bike is secure and the chance of theft is reduced. Iconic ebikes makes no claims or recommendations on the proper lock hardware or procedures to secure your bike, but we do recommend you take appropriate precautions to keep your bike safe from theft.
- Do not park, store, or transport your bike from Iconic ebikes on a rack not designed for the bike's size and weight, Use a rack compatible with the width of tires used on your bike. Some racks may not accommodate all tire widths. When carrying your bike on a rack for transport, unlock the battery, remove the key, and then remove the battery. This will reduce the weight of the bike, make lifting and loading easier, and allow you to protect the battery by transporting it in the cab of a vehicle.
- Avoid transporting bikes from Iconic ebikes on a vehicle rack during rain, as this may cause water damage to the electrical components. Contact support@iconicebikes.com if you have questions about preventative measures.

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. See the Pre-Ride Safety Checklist and Recommended Service Intervals sections in this manual for more detailed information.

- 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.



If you do not have the experience, skill, and tools to complete maintenance and adjustment of your bike, Iconic ebikes strongly recommends having a certified, reputable bike mechanic maintain, tune, and ensure the bike is safe to ride.

Recommended Service Intervals

Regular inspection and maintenance are key to ensure Iconic ebikes function as intended, and to reduce wear and tear on their systems. Recommended service intervals are meant to be used as guidelines. Real world wear and tear, and the need for service, will vary with conditions of use. We generally recommend inspections, service, and necessary replacements be performed at the time or mileage interval that comes first in the following table.

Interval	Inspect	Service	Replace
Weekly, 100- 200 mi (160- 321 km)	<ul style="list-style-type: none">• Check hardware for proper torque: See Recommended Torque Values chart.• Check drivetrain for proper alignment and function (including the chain, freewheel, chainring, and derailleur).• Check wheel trueness and for quiet wheel operation (without spoke noise).• Check condition of frame for any damage.	<ul style="list-style-type: none">• Clean frame by wiping frame down with damp cloth.• Use barrel adjuster(s) to tension derailleur/brake cables if needed.	<ul style="list-style-type: none">• Replace any components confirmed by Iconic ebikes Product Support or a certified, reputable bike mechanic to be damaged beyond repair or broken.

Interval	Inspect	Service	Replace
Monthly, 250- 750 mi (402- 1207 km)	<ul style="list-style-type: none"> • Check brake pad alignment, brake cable tension. • Check bike is shifting properly, proper derailleur cable tension. • Check chain stretch. • Check brake and shifter cables for corrosion or fraying. • Check spoke tension. • Check accessory mounting (rack mounting bolts, fender hardware, and alignment) 	<ul style="list-style-type: none"> • Clean and lubricate drivetrain. • Check crankset and pedal torque. • Clean brake and shift cables. • True and tension wheels if any loose spokes are discovered. 	<ul style="list-style-type: none"> • Replace brake and shift cables if necessary. • Replace brake pads if necessary.
Every 6 Months, 750- 1250 mi (1207-2011 km)	<ul style="list-style-type: none"> • Inspect drivetrain (chain, chain ring, freewheel, and derailleur). • Inspect all cables and housings 	<ul style="list-style-type: none"> • Standard tune-up by certified, reputable bike mechanic is recommended. Grease bottom bracket. 	<ul style="list-style-type: none"> • Replace brake pads. - Replace tires if necessary. • Replace cables and housings if necessary

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"> • Ensure front and rear brakes work properly. • Check brake pads for wear and ensure they are not overworn. • Ensure brake pads are correctly positioned in relation to the rims. • Ensure brake cables are lubricated, correctly adjusted, and display no obvious wear. • Ensure brake levers are lubricated and tightly secured to the handlebar. • Test that the brake levers are firm and that the brake, motor cutoff functions, and the brake light are functioning properly
Wheels and Tires	<ul style="list-style-type: none"> • 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. • Ensure all wheel spokes are tight and not broken. • 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
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>



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 Cruiser 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.

Tire Inflation and Replacement

The Iconic cruiser uses 26inch x 4.0 rubber tires with inner tubes. The tires are designed for durability and safety for regular cycling activities and to be checked before each use for proper inflation and condition. Proper inflation, care, and timely replacement will help to ensure that your bike's operational characteristics will be maintained, and unsafe conditions avoided.

Iconic ebikes recommends 20 psi for the stock tires on the Curiser. Always stay within the manufacturer's recommended air pressure range as listed on the tire sidewall.



It is critically important that proper air pressure is always maintained in pneumatic tires. Do not underinflate or overinflate your tires. Low pressure may result in loss of control, and overinflated tires may burst. Failure to always maintain the air pressure rating indicated on pneumatic tires may result in tire and/or wheel failure.



Inflate your tires from a regulated air source with an available pressure gauge. Inflating your tires from an unregulated air source could overinflate them, resulting in a burst tire.



When changing a tire or tube, ensure that all air pressure has been removed from the inner tube prior to removing the tire from the rim. Failure to remove all air pressure from the inner tube could result in serious injury.



Using aftermarket tires or inner tubes, not provided by Iconic ebikes may void your warranty, create an unsafe riding condition, or damage to your bike by Iconic ebikes. If required by law, ensure replacement aftermarket tires have sufficient reflective sidewall striping.

Even tires equipped with built-in flat-preventative tire liners, like those that come with bikes by Iconic ebikes, can and do get flats from punctures, pinches, impact, and other causes. When tire wear becomes evident or a flat tire is discovered, you must replace the tires and/or tubes before operating the bike or injury to operators and/or damage to your bike could occur.

Troubleshooting

	Symptoms	Possible Causes	Most Common Solutions
1	The bike does not work	<ol style="list-style-type: none"> 1. Insufficient battery power 2. Faulty connections 3. Battery not fully seated in tray 4. Improper turn on sequence 	<ol style="list-style-type: none"> 1. Charge the battery 2. Clean and repair connectors 3. Install battery correctly 4. Turn on bike with proper sequence
2	Irregular acceleration and/or reduced top speed	<ol style="list-style-type: none"> 1. Insufficient battery power 2. Loose or damaged throttle 3. Misaligned or damaged magnet sensor 	<ol style="list-style-type: none"> 1. Charge or replace battery 2. Replace throttle 3. Align or replace magnet sensor
3	The motor does not respond when the bike is powered on	<ol style="list-style-type: none"> 1. Loose wiring 2. Loose or damaged throttle 3. Loose or damaged motor plug wire 4. Damaged motor 	<ol style="list-style-type: none"> 1. Repair and or reconnect 2. Tighten or replace 3. Secure or replace 4. Repair or replace
4	Reduced range	<ol style="list-style-type: none"> 1. Low tire pressure 2. Low or faulty battery 3. Driving with too many hills, headwind, braking, and/or excessive load 4. Battery discharged for long period of time without regular charges, aged, damaged, or unbalanced 5. Brakes rubbing 	<ol style="list-style-type: none"> 1. Adjust tire pressure 2. Check connections or charge battery 3. Assist with pedals or adjust route 4. Balance the battery; contact Tech Support if range decline persists 5. Adjust the brakes

	Symptoms	Possible Causes	Most Common Solutions
5	The battery will not charge	<ol style="list-style-type: none"> 1.Charger not well connected 2.Charger damaged 3.Battery damaged 4.Wiring damaged 5.Blown charge fuse 	<ol style="list-style-type: none"> 1.Adjust the connections 2.Replace 3.Replace 4.Repair or replace 5.Replace charge fuse
6	Wheel or motor makes strange noises	<ol style="list-style-type: none"> 1.Loose or damaged wheel spokes or rim 2.Loose or damaged motor wiring 	<ol style="list-style-type: none"> 1.Tighten, repair, or replace 2.Reconnect or replace motor

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.
- You should check the operation of the brake motor cutoff switches before each ride. The brake system is equipped with an inhibitor that cuts off power to the electric motor whenever the brakes are squeezed. Check proper operation of brake motor cutoff switches before riding.
- Extreme care should be taken when using the pedal assistance sensor and throttle on this product. Ensure you understand and are prepared for the power assistance to engage as soon as pedaling is underway.
- Users must understand the operation of the thumb throttle and pedal assistance sensors before using the bike and must take care to travel at speeds appropriate for the usage area, riding conditions, and user experience level. Always use the lowest 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 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 375lbs.

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.
- Lost or damaged keys to the bike are not covered by warranty.
- 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

WE ARE HERE TO HELP!

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



www.iconicebikes.com

**Contact us directly by
email to**



support@iconicebikes.com