Boogie Bikes™

Owner's Manual - Cruiser Bike

www.boogiebikes.com

Quick Start Reference

1. Read Manual pg. 3-6
2. Safety/Warning information pg. 8-10
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Revision Date 3.29.22

2. Introduction

Thank you for purchasing your electric bike from Boogie Bikes. This manual contains important information regarding safety and care for your purchase. Please take the time to read and understand it so you can enjoy your ride more thoroughly. We are excited to be part of your new biking adventure. If you have any questions or concerns, do not hesitate to contact us at:

Boogie Bikes
(833)-266-4432

email at info@boogiebikes.com.

For online help and videos, visit our YouTube Channel:
https://www.youtube.com/channel/UCUQzpMbSFpfqIFURoXJr2IQ/videos

3. Warnings

Electric Bikes can be dangerous to use. You assume all risk of personal injuries, damage, or failure of the bicycle or system and all other losses or damages to yourself and others and to any property arising as a result of using the bike.

Please read and understand this entire manual and accompanying component manuals before riding, or allowing anyone else to ride, your new electric bike. All others should read this manual before you allow them to ride your bike. Bicycling involves risk of serious harm, injury, or death like any outdoor activity. By choosing to ride a bike, you assume the responsibility for that risk. Do not modify or replace any electrical components on the e-bike unless it has been approved for use by Boogie Bikes. Taking proper care of bike components is necessary and can reduce that risk, but may not prevent serious harm, injury, or death. If you notice any abnormalities, please take the e-bike to your local bike shop mechanic.

THIS MANUAL IS NOT INTENDED AS A DETAILED USER, SERVICE, REPAIR, OR MAINTENANCE MANUAL. PLEASE SEEK ASSISTANCE FROM YOUR LOCAL BIKE SHOP MECHANIC.

Local and state regulations vary. It is your responsibility to ensure your bike is legal in your area and wherever else you may ride it, before riding on roads, trails or anywhere else. If you are unsure, ask your local reputable bike shop for more information about applicable laws and regulations.

If you have any kind of impairment or disability such as a visual impairment, hearing impairment, physical impairment, cognitive/language impairment, and/or a seizure disorder, please consult your physician before riding our bikes.

Review the safety requirements stated in this manual before each ride. If any problems are observed, they should be resolved prior to your ride.

It is impossible to anticipate every situation or condition which can occur while riding. This Manual makes no representation about the safe use of the bike under all conditions. There are risks associated with the use of any bicycle which cannot be predicted or avoided, and which may be caused and/or prevented through the actions of the rider, and which are the sole responsibility of the rider.
Boogie Bikes assumes no liability for harm, injury, or death of the rider or others caused by the rider riding the bike.

You should save this manual, along with any other manuals that were included with your purchase, for future reference. Please read and familiarize yourself with any and all manuals before you ride.

For technical assistance or warranty claims, contact Boogie Bikes at (833)-266-4432 or email at info@boogiebikes.com.

4. Safety

General Safety

- Check the condition of your bike before any and every ride. Have regular maintenance and periodic inspections performed as needed. If you are unsure of how to conduct a complete check of the condition of your bike, you should consult a certified, reputable bike mechanic for assistance.
- Always wear a helmet every single time you ride your bike, regardless of the length of your ride. Make sure the helmet fits properly and is securely tightened down when riding your bike. **Most serious bicycle injuries involve head injuries, which might have been avoided if the rider had worn an appropriate helmet. FAILURE to wear a helmet when riding may result in serious injury or death.** It is your responsibility to familiarize yourself with state and local laws, rules, and regulations regarding safety equipment.
- Ride defensively. Always assume that others do not see you. Always observe your surrounding and be prepared to avoid, for examples, the following:
    - Vehicles slowing or turning, entering the road or lane ahead of you, or coming behind you
    - Parked car doors opening
    - Pedestrians stepping onto the road or path
    - Children or pets playing near the road
    - Potholes, sewer grating, railroad tracks, expansion joints, road or sidewalk construction, debris and other obstructions that could cause you to swerve into traffic, catch your wheel or cause you to have an accident
    - Miscellaneous other hazards and distractions which can occur on a bicycle ride
- Follow the same road laws as any other road vehicle when riding your bike. It is your responsibility to know and understand local road laws.
- Do not ride distracted or impaired in any way. Do not ride when you are under the influence of alcohol or drugs, including prescribed or over the counter medications.
- Always ride at a speed appropriate for the conditions. High speed means higher risk. Slow down and use caution in inclement weather, traffic, or uneven surfaces, and any other condition that increases risk to you and/or others.

- Familiarize yourself with all of the features and operations of the bike. Become comfortable with 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. Loose or baggy clothing could get caught and cause you to lose control and cause serious harm or injury.
- Boogie Bikes are designed to carry a single rider only.
- When braking, always apply the rear brake first, then the front brake. If the brakes are not applied correctly, you could fall and cause serious harm or injury
- Maintain a safe stopping distance from all other riders, pedestrians, or vehicles.
- Boogie bikes are designed to be ridden on paved roads or surfaces only. The bike is not designed to withstand off-road conditions or uneven terrain.

Carrying Capacity

- Boogie Bikes are rated to have a max 300lb payload. It is intended for a single operator with no passengers. Failure to adhere to this guideline could result in bike failure and cause serious harm or injury.

Riding in Wet Conditions

- It is not recommended that your Boogie Bike be ridden in the rain or wet conditions. Riding in humid and/or wet conditions can increase the stopping time and/or cause the tires to slip when turning.
- The electrical components are designed to be water-resistant but could be damaged as they are not designed to be waterproof.

Riding at Night

- Riding at night comes with increased risks due to the decreased visibility. Riders should use increased caution. If riding at night, ensure your bike has the reflectors attached. Also, ensure that the front and rear lights are working and turned on.

Pre-ride Inspection- Before each ride, inspect your e-bike to ensure the following guidelines are met:

- No loose fasteners or accessories.
- No damage to wiring or connections.
- Make sure the handlebar and handlebar stem are secure and tight.
- Make sure the seat and seat stem are secure and tight.
- Check the tire pressure of both the front and rear tires.
- Ensure that the brakes are operating correctly for both the front and rear disc brakes and adjust if necessary.

- Ensure you have enough battery life for the trip.
- Make sure the brakes and the front and rear lights are all working properly.

Warning: A Special Note to Parents

IN THE UNITED STATES, ELECTRIC BIKES MAY ONLY BE RIDDEN BY PERSONS 16 YEARS OLD AND OLDER!!! IT IS ILLEGAL FOR INDIVIDUALS YOUNGER THAN 16 TO RIDE ELECTRIC BICYCLES.

As a parent or guardian, it is your responsibility to ensure the safety of your teen. Read this Manual in its entirety and practice the outlined safety precautions below:

- Understand and obey not only the applicable local motor vehicle, bicycle, and traffic laws, but also adhere to common sense rules of safe and responsible bicycling.
- Ensure the bike is properly fitted to the rider.
- Ensure the bike is in good working condition.
- Ensure that you and your teen have learned and understand how to safely operate your electric bike. Also, make sure you understand the roads and terrain on which the teen will traveling.
- Always make sure your teen is wearing a properly fitted bicycle helmet

5. Getting Started

Congratulations on purchasing your new Boogie Bike! This bicycle comes to you virtually assembled with only a few adjustments to be made out of the box. The following manual is designed to help you understand your Boogie Bike and ensure a safe and fun experience.

What's in the box:

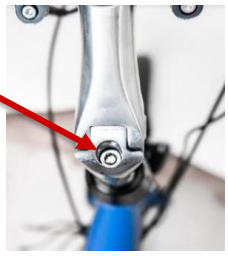
- Cruiser e-Bike
- Boogie Bike Battery Charger (Accessory Box)
- 2 Battery Keys (Secured to the bike behind the seat-post)
- L/R Pedal (Secured to crank arm on their respective side)
- 5 and 6mm Allen wrenches (Accessory Box)
- Cruiser Battery (Located in Battery Box)

Before riding your bike for the first time, check to make sure all components are present. Your Boogie Bike comes assembled with a few items that you must attend to prior to your first ride.

Installing the Handlebars

- Ensure the Stem Bezel is installed onto the stem and the protective cap is removed from the bottom of the handlebar before assembly. The protective shipping plug should be removed from the stem hole on the bike as well. (make sure the rubber dust seal does not get discarded with the shipping plug.)
- Unwrap the handlebar assembly and firmly guide the handlebars into the stem hole. If there is resistance, you may need to loosen the 6mm hex screw, or you may need to remove the dust seal and install onto the handlebars and press in when the handlebar assembly is seated. It is important to not loosen too much, or the wedge will become disconnected from the assembly.
- Once the handlebar assembly is seated all the way into the stem, tighten the stem bolt as pictured with the supplied 6mm hex wrench. Make sure the handlebar and fork assembly are tightened securely.

Bezel Installed
(Push up and out of way)



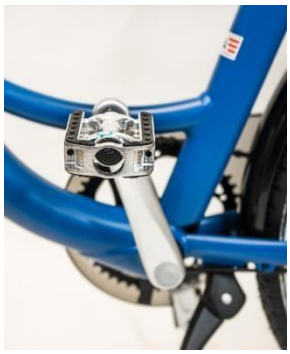
Tighten
(Use Supplied 6mm Allen wrench)

Pedals

- Install the left pedal - marked with an “L” sticker (on rider’s left hand side when seated on the bike) on the left side of the bike holding the pedal in one hand and turning the black threaded member COUNTER-CLOCKWISE.
- Tighten left pedal with a 15mm wrench or adjustable wrench. Be sure to hold the crank arm while tightening the pedal
- Install the right pedal on the right side of the bike holding the pedal in one hand and turning the black threaded member CLOCKWISE
- Tighten right pedal with a 15mm wrench or adjustable wrench. Be sure to hold the crank arm while tightening the pedal.

Left Pedal

(Counter-Clockwise)



Right Pedal

(Clockwise)

MAKE SURE TO TIGHTEN THE SWIVEL ADJUSTMENT SCREW BEFORE RIDING

Swivel Adjustment

(Tighten before Riding)

Preparing to Ride

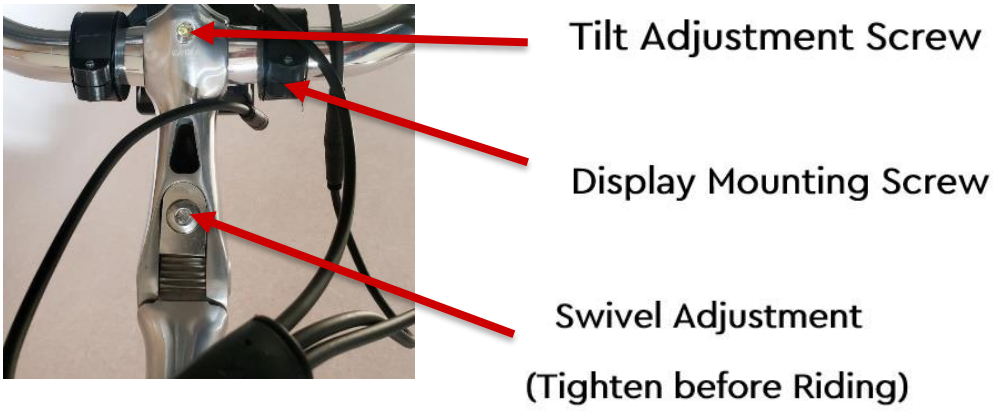
- Install the battery into the bike. The battery should only have very small resistance when being put in and needs to be aligned with the battery rail to install correctly.
- Ensure that all components are properly secured. Failing to do this could result in serious harm or death.
  Note: Contact Boogie Bikes for manufacturer's torque values for individual parts.
- Make sure the seat or stem cannot be moved out of alignment by hand.
- Adjust the seat to the proper riding height. To adjust the seat height, open the seat clamp and slide the seat up or down accordingly. Close the seat clamp to secure the seat in its proper height. Note: To tighten the seat clamp, turn the knob opposite the clamp clockwise. DO NOT RAISE SEAT HEIGHT PAST MARK INDICATING MINIMUM DEPTH OF INSTALLATION ON POST.

Open Clamp
(Adjustment Position)

Closed Clamp
(Riding Position)

- The seat camber can also be adjusted by loosening the hex cap screw under the seat. It is important to make sure the screw is completely tight, and the camber clamp is completely seated before riding. The camber clamp can be turned 180 degrees if additional adjustment is needed to make the seat to handlebar distance longer or for additional tilt.

- The handlebars can also be adjusted. By adjusting the horizontal screw in the handlebar to stem mount. Loosen the screw, adjust to needed swivel and retighten. The handlebars can also be rotated 180 degrees in their relation to the fork to achieve a shorter seat to handlebar distance if needed. IF you have adjusted or no adjustment is needed, make sure this screw is tight or the handlebars will be loose
- The handlebars can be tilted by loosening the (2) 5 mm hex cap screws under the display and re-tightening when the adjustment is satisfactory. Note, the display mounting screws may need to be loosened to move the display out of the way to complete this operation.



Preparing Your Brakes

Your Boogie Bike is equipped with a more effective brake style called disc brakes. Disc brakes require a breaking-in process called “bedding-in” to prepare them for use and to prevent squeaky brakes.

The Boogie Bike Team completed the bedding process before packing your bike. It may be necessary to do it again if the brakes become squeaky.

Brake rotors (the thin piece of metal that the brake pads clamp onto) have unique patterns. Bedding-in rubs brake pad material onto the brake rotor. By doing so, the brake pads will develop the same pattern as the brake rotor, making for the most effective braking.

Brake Rotor

Bedding-In Brakes

- Complete all steps as listed in the manual up until this point, making sure your bike is ready and safe to ride.
- Find an open area straight-away to ride your Boogie Bike with no obstacles.

Please take special care with your brake rotors. They can become extremely hot during use and have sharp edges, do not touch them especially after using the bike. If needed for service the brakes can be touched when cool and when wearing appropriate safety equipment.

- Set the PAS to zero and pedal at 10 mph (the bike should be providing zero assistance)

- While riding at 10 mph, slowly squeeze the front brake and maintain pressure. DO NOT STOP THE BIKE COMPLETELY. Stopping the bike in the bedding-in process will create a build-up of brake pad material in one area.
- Continue to gently squeeze the brake until the bike slows to a walking pace and then release the brake so the bike is still moving.

Gently pull on the brake lever until you feel some resistance

- Repeat 10 times in a row with the front brake, then do the same for the rear brake.
- Repeat all steps at a speed of 15 mph for both brakes
- Your brakes are now all set! If squeaking persists, redo the bedding-in process. If this still does not resolve squeaking, please see a local bike shop to inspect your brakes so we can help diagnose the issue.

Finally, when you buckle on your helmet and go for your first ride, be sure to pick an area away from cars, other cyclists, obstacles, or other hazards in order to become familiar with the controls, features and performance of your new Boogie Bike.

6. Battery

Your new Boogie Bike comes with a premium Samsung 13.6Ah 48V Lithium-Ion battery.

Charging Your Battery

- Only charge your battery fully a few hours before you plan to ride. This will help increase the longevity of your battery.
- Charging Procedures

  Follow the procedures listed below to properly charge your battery:

1. Turn the battery off with the power switch located underneath the battery. Ensure that the “O” is pressed down to turn the battery off.
2.

3. Remove the cover on the charger port on the battery. Located towards the rear of the battery.

4. With the battery on or off the bike, place the charger on a flat secure surface. Attach the DC output plug from the charger to the charging port on the battery.
5. Plug the charger into the battery then into the electrical outlet (110~240-volt plug) Charging should start and will be indicated by a red light located on the charger. (A green light will show on the charger if only connected to the battery or outlet but not both.)
6. Once the battery is fully charged (indicated by the LED light on the charger turning green), remove the charger input plug from the power outlet and then remove the DC output plug from the charging port on the battery.
   Only charge the battery indoors and in dry spaces that are not excessively hot or cold.

Battery Safety

- Check the charger cables, charger, and battery for damage before beginning each charge.
- Your battery must be charged in a well-ventilated area, in an ambient temperature, on a non-flammable and dry surface, away from any sources of heat, humidity or flammable materials. Also, it must not be covered. Do not submerge the battery in any liquid of any kind. If the battery, charger or any connections become wet, immediately unplug the charger and thoroughly dry all components.
- Refrain from touching the interior and exterior of the barrel jack - (+) or (-).
- Always turn off the battery when charging, when not in use, or when removing it from the bike.
- Do not leave the battery charger on for long periods of time after the indicator has turned green.
- Do not leave the charger on for more than 12 hours.
- Initially the battery should be charged 3 times for 12 hours after the first three uses. This will help balance the cells for a healthier battery. Do not charge for more than 12 hours
- Do NOT charge the battery while it is unattended.

Charger Safety

- The charger should only be used indoors in a place that is well ventilated, and on a flat, stable hard surface.
- Never place the charger where it can be tripped over.
- Always have the area around the charger free of debris.
- Only use the charger supplied with your Boogie Bike to charge the battery. Contact Boogie Bikes if a replacement charger is needed.

- Only disconnect the charger from the power outlet and the charging port by the plastic ends. Never pull on the cords to unplug the charger.
- Do not open the battery charger, modify voltage input, or tamper with any other part of the battery system. Doing so will void the warranty and cause possible injury.
- 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.
  Please take special care in charging your Boogie Bike. Failure to do so could result in damage to the bike, the charger, personal property, or cause injury to yourself.

Battery Health

- If you know you will not be using the battery for several days, keep the battery at around 75% capacity. The battery will degrade less over time at this charge than at a higher charge (75% can be determined by cycling through the display menu with the "M" key until voltage is displayed. 48-50V is ideal for longer storage times.)
- Periodically, check the charge on your battery. Charge to around 75% if the battery is lower than that point. The battery charge can be checked by cycling the display as explained above to display battery Voltage.
- Charge the battery once every 3 months when storing for longer periods of time. Never store a completely discharged battery as it might result in permanent ● damage.
- When storing your battery, keep it in a dry, climate controlled, indoor location.

Battery Position

- Your battery is mounted over the back tire in the bike rack and is connected to the controller housing.

- In order to remove the battery, unlock it using the supplied key, and slide the battery backwards out of the rear rack and away from the bike.

- The key should be in the upright position to lock the battery in place. This will ensure that the battery does not fall out and become damaged. Please be sure to keep the key in a safe place. Keys can be replaced by calling Boogie Bikes, however replacement keys take several days and cost $50 each.

Un-locked

Locked

(Remove Key)

- Your battery has an ON/OFF switch on its underside. You can leave the battery on if you will be riding frequently. If there are several days between rides, it is recommended to turn the battery off.

Note: Make sure the battery is turned off when charging, removing and installing.

Battery Range

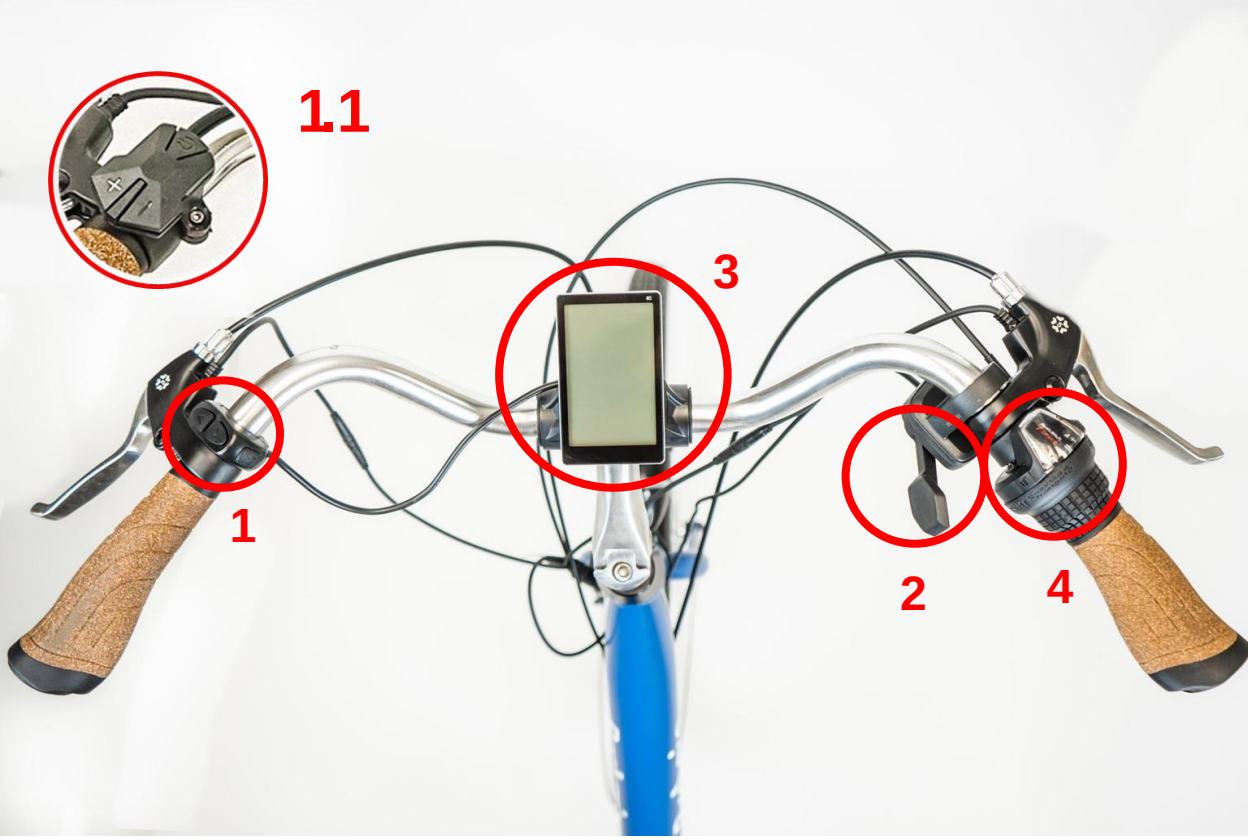
- Your Boogie Bike is expected to take a 200lb+ rider for 30-50 miles on medium terrain using the Pedal Assist Setting of 1.
- Below are some helpful tips to optimize the range for your battery:
    1. Use a lower level of assist when traveling further distances.
    2. Pedal harder vs. using throttle mode.
    3. Always make sure your battery is fully charged before your trip.
    4. Pedal to assist motor when climbing hills.
    5. Avoid sudden starts and stops.
    6. Accelerate slowly.
    7. Have your e-bike serviced regularly by a trusted, local bike mechanic.
- External Factors Affecting Battery Life
    1. State of the battery charge.
    2. Terrain. Riding in soft terrain, such as dirt or gravel, or riding uphill will drain your battery faster.
    3. The wind conditions.
    4. Level of assist setting. The higher the Pedal Assist Setting, the faster your battery will deplete.
    5. Tire inflation. Make sure your tires are inflated to the correct PSI for optimal riding.
    6. Adjustment of the wheel bearings and brakes. If the bearings are too tight or the brakes are rubbing against the rim, it could adversely affect the range.
    7. Rider weight.

Note**:** Over time, your battery will lose charge capacity. As the capacity diminishes, you will notice a gradual decrease in range. When the range of your battery becomes unacceptable, contact Boogie Bikes to purchase a new battery.

Individuals may experience differing ranges based on the factors listed above.

7. Operations

Before you ride your Boogie Bike, it is important to understand where and how to use the new features of your bike. Read through this entire manual before you take your new Boogie Bike for your first ride.



Location	Feature
1	Display Control Unit
1.1	Alternate Display Control Unit
2	Thumb Accelerator
3	LCD Display
4	Gear Shift

Your First Ride

- Before you begin riding, ensure that the battery is fully charged, and securely locked in place on your e-bike.

To turn on your e-bike, make sure the power switch on the battery is on and hold the "M/Power" on the display control unit. This will turn on your LCD Display.

Begin by choosing a level of pedal assist by using the up and down arrows / + & - Key on the display control unit. Level 1 is the lowest setting and will provide minimal assistance; level 5 is the highest setting and will provide noticeable assistance. (It is recommended to ride the bike in pedal assist one when first getting used to the controls.)

- To operate the thumb accelerator located on the Right handlebar, depress the thumb lever slowly until it is activated.

Throttle (thumb accelerator)

Note: Do Not use the thumb accelerator from a complete stop. The bike could throw you off balance and cause serious harm.

To enable uphill walk mode, press and hold the down Button / - Key on the display control.

Note: Do not use walk mode while operating your e-bike. Only use while dismounted and walking up steep inclines. Failure to do so could cause serious harm.

Lighting

Your Boogie Bike is equipped with front and rear lights. To turn on your lights, press and hold the UP button / + Key on the display control. Always Use your lights at night or in low visibility situations. To turn off the lights, press and hold the UP button / + Key again.

Operating Safely

- Before you begin riding your Boogie Bike, please make sure you have fully read this manual. Understanding how to operate the pedal assist feature and thumb accelerator will ensure a safe and enjoyable ride. Take a test ride in a safe environment away from busy streets, parked cars, other bike riders, or pedestrians. Practice changing the pedal assist to higher levels to become familiar with the change in acceleration. Higher levels of pedal assist will accelerate the bike more quickly.

Gear Shifting

- The Boogie Bike comes with a 7 speed Shimano cassette. This allows riders to maintain a comfortable level of effort on any terrain. Note: Most riders will use third gear until comfortable with the pedal assist and throttle.
- Use the lowest setting (largest gear) for ease of pedaling on inclines or in challenging conditions.
- Use the highest setting (smallest gear) for increased speed on flat/downhill terrain.
- 1st gear is the lowest setting and 7th gear is the highest setting.
- To switch between gears, simply rotate the half twist control clockwise or counterclockwise. To shift to a higher gear, rotate the control clockwise and to shift to a lower gear, rotate the shifter counterclockwise.

Warning: Do not shift between gears too quickly as this can cause the chain to fall off and the rider to potentially lose control, causing serious harm. If the chain falls off, turn off the bike before replacing the chain. Failing to do so could allow for serious harm.

Kickstand

- Do not lean on the bike when it is parked, and the kickstand is in use. Doing so will put excess stress on the kickstand, which may cause it to fail and might lead to serious harm or injury. Note: The kickstand is adjustable and can be made longer or shorter by loosening the 4mm screw on back of the kickstand body, adjusting to desired length and re-tightening.

Disc Brakes

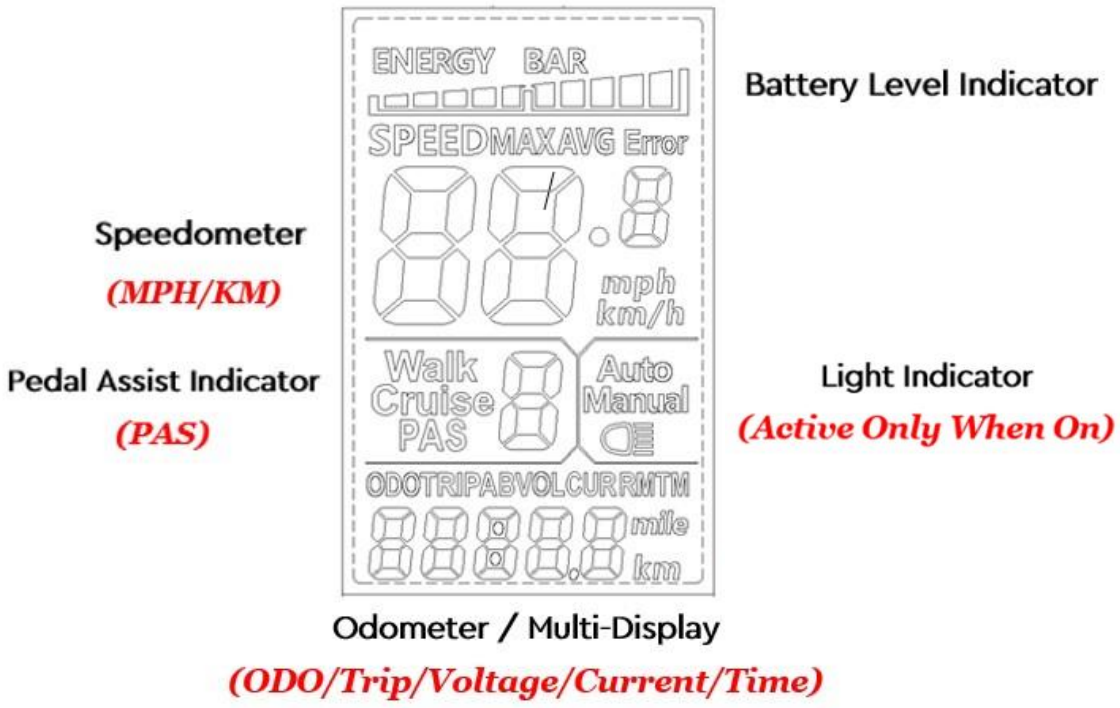
- The Boogie Bike is equipped with front and rear disc brakes that allow you to stop quickly if needed.

- To apply the brakes, squeeze the brake levers toward the handlebars. The closer you pull the brake lever, the quicker you will slow down.
- The right brake lever will apply the back brakes
- The left brake lever will apply the front brakes.
- Always apply the right brake lever first and while applying the left brake lever. Failure to do so could result in the rider somersaulting over the front handlebar and could lead to serious harm.
- See “Brake Bedding” on page 12
- If there are any questions about proper brake operation or unusual noises are coming from the brakes immediately take the bike to a local bike mechanic for evaluation.

Note: Before riding, make sure the brake levers do not touch the handlebars when squeezed. Also, make sure the brake calipers are closing on the brake rotors (located in the wheels) to ensure the brakes are working.

Warning: Disc brakes become hot during use. Do not touch or come in contact with shortly after use.

LCD Readouts



Battery Level indicator

- On the top of the LCD display, there is an energy bar indicator. This states how much charge the battery has remaining. As the Boogie Bike is being ridden, the battery depletes, which is indicated by the tick marks disappearing. The darkened tick marks show approximately how much battery life is remaining. The battery display will flash when completely depleted. It is important to understand that DC motor performance will change based on battery level. The battery level indicator is a general idea of remaining performance, not a fuel gauge.

Speedometer

- The speedometer will indicate your current speed in miles per hour. It is important to keep a safe speed at all times while operating the bike.
    - Note: In order to be a class 2 ebike, the controller will automatically discontinue pedal assist or throttle at 20MPH. *Pedal Assist Level Indicator*
- The Pedal assist indicator goes from 0-5. Level 0 is no pedal assist and disables the use of the throttle. Pedal assist provides assist after approximately the first 180 degrees of pedal rotation. Level 1 is the lowest pedal assist and enables the

throttle. Levels 2,3,4, and 5 increase the level of assist proportionally. Pedal assist is only active while the crank is rotating.

Light Indicator

- Indicates whether the electric headlights and taillights are on. This is toggled on and off by holding the "UP" arrow on the pedal assist control.

Odometer / Multi-Display

- The value for this display defaults to Odometer when turned on. To toggle to the other values, press the "M" button / Power Button on the pedal assist control.
- Odometer is total miles traveled on the bike
- Trip A is the total miles traveled since the bike was last turned on *Multi-Display - Voltage*
- Voltage displays the amount of charge remaining in your battery. When fully charged the battery will display 54+ volts. As your voltage decreases performance will decrease. If you reach 40V the performance will be similar to a regular bike with no assist.
- Note: During a ride, the voltage will "sag" when the motor is in heavy use – example going up a steep hill. Your battery charge state is best evaluated while riding at a regular pace on flat terrain. This number is more accurate than the battery gauge on the home screen to determine how much farther you can ride.
- Current displays the amount of energy being use at that time by the motor. This displays a value from 0-20. At 0, the rider is providing all the energy being used, 20 is the maximum amperage the Boogie Bike Controller can contribute to assist and means the motor is working as hard as it is programed to. Numbers in between indicate mixed power consumption.
- Time displays the amount of time since the ebike was last powered up.

NOTE: ANY ADJUSTMENTS TO THE FACTORY DISPLAY SETTINGS WITHOUT WRITTEN CONSENT FROM BOOGIE BIKES AUTOMATICALLY VOIDS THE WARRANTY FOR THE BIKE AND MAY LEAD TO UNSAFE OPPERATIONS. IT IS NOT ADVISABLE TO CHANGE ANY FACTORY SETTINGS.

8. Maintenance

To ensure safe riding conditions you must properly maintain your bike from Boogie Bikes. Bike maintenance and repair require specific skills and appropriate tools. Do not repair your bike or change any of its settings if you have the slightest doubt regarding your ability to correctly proceed with such work. Contact your local, trusted bike mechanic. Any adjustments or repairs that are not properly done can damage the bike and lead to accidents resulting in extensive injuries.

- Use only genuine replacement parts for safety-critical components. Refer to the guidelines stated below and visit your local, trusted bike mechanic at regular intervals. The frequency of maintenance should increase when using in wet, dusty and/or any non-moderate conditions.
- Store your bike in a clean, dry space. Do not leave it outside in inclement weather for extended periods of time.
- Do not immerse or submerge the bike, or any other components, in water or liquid as electrical components could become damaged.
- Clean and lubricate necessary components.
- To clean your bike, use a damp cloth with a mild, non-corrosive detergent. Wipe dry with a clean, dry cloth.
- After cleaning, ensure that the proper components are lubricated.
- Inflate your tires to the specified pressure stated on the side of the tire.
- Regularly tighten and adjust components as needed.
- Before each ride, check wires and connections to ensure no damage has occurred.
- Before each ride, check tightness of components and screws paying special attention to the seat, handlebar, wheel, rack, and pedal connections
- After every season, or 500 miles whichever comes first, it is recommended that the bike be checked thoroughly by a qualified bike technician. Special attention should be paid to the rear spokes as they may loosen with the increased torque generated by an ebike motor.

9. FAQ

Q: Why do my handlebars seem loose?

A: When the bike is shipped, we loosen the tilt adjustment screw to make it easier to pack and install at the customer. Check out page 9 to see how to make sure it's tight!

Q: Why does my bike not turn on, or turn on just for a second?

A: The bike has a main power switch located under the rear of the battery. Toggle it to the other position and then try to turn the bike on again with the "M" /Power button on the pedal assist control on the handlebar.

Q: Why does my bike turn on and show E006?

A: An E006 indicates there is not enough power from the battery to run the bike. Try toggling the main power switch under the back of the battery and starting the bike with the "m" key on the handle. If the problem persists, remove the battery using the supplied key and re-seat it in order to correct this.

Q: What should I do about shipping damage?

A: Take pictures as soon as it is noticed, and report to Boogie Bikes as soon as possible at 833-266-4432

Q: How do I adjust my bike to fit me?

A: There is a full section on adjusting on page 10. Ideally the rider should have their leg extended almost completely at the bottom of the pedal stroke. The handlebars should be adjusted enough to allow the rider to sit upright. We have included a 6mm and 5mm wrench for you to make any needed adjustments after reviewing the manual.

Q. What does my Error Code Mean?

E002 - Brake Issue
E003 - PAS Sensor Issue
E006 - Low Voltage
E007 - Motor Issue (Usually a connector Issue)
E008 - Throttle Error
E009 – Controller Error
E010 - Communication Error (Usually failed Display or Loose wire)
E011 – Communication Sending Error
E012 - BMS Communication Error

10. Warranty

Limited Warranty

THIS LIMITED WARRANTY CONTAINS IMPORTANT INFORMATION ABOUT YOUR RIGHTS AND OBLIGATIONS, AS WELL AS LIMITATIONS AND EXCLUSIONS THAT MAY APPLY TO YOU.

WHAT THIS LIMITED WARRANTY COVERS; PERIOD OF COVERAGE

Every Boogie Bikes electric bicycle ("Ebike") comes with a warranty against manufacturing defects in materials or workmanship ("Limited Warranty") on its frame, motor, controller, battery and display ("Covered Components") arising or occurring as a result of your normal and ordinary use of the Ebike. The Warranty Period for the Covered Components is two (2) years, except that the Warranty Period for the Ebike battery pack (whether sold with the Ebike or as a replacement battery pack) is two (2) years pro-rated.

The Warranty Period begins upon your receipt of the Ebike from us or an authorized Boogie Bikes distributor or dealer and shall end immediately upon the earlier of the end of the Warranty Period or any sale or transfer of the Ebike to another person. This warranty applies only to the original registered owner of the Ebike and is not transferable. It is important that you register your new Ebike within thirty (30) days after purchase in order to activate the warranty and provide a record of the serial number of your Ebike.

If the Ebike is not free from defects in materials and workmanship during the Warranty Period, Boogie Bikes will, subject to the terms and conditions herein, repair or replace any defective part or component. Repair or replacement may be made with a new or refurbished part or component, at Boogie Bikes' sole discretion.

WARRANTY CONDITIONS: HOW TO GET SERVICE IF YOU WANT TO CLAIM UNDER THIS LIMITED WARRANTY

Before making a claim under this Limited Warranty, the owner of the Ebike must (a) notify Boogie Bikes of the issue by email info@boogiebikes.com or phone 1-833-266-4432 during the Warranty Period and provide a full description of the alleged problem, and (b) comply with Boogie Bike's return shipping instructions. Return of the Ebike and/or battery pack, as applicable, to Boogie Bikes authorized service station, freight prepaid and insured, is required. Upon examination and review at Boogie Bikes' authorized service station, Boogie Bikes shall confirm whether the Ebike or part qualifies for warranty status, in which case Boogie Bikes will repair or replace the Ebike or part at no charge to you. Boogie Bikes will have no warranty obligations with respect to a returned Ebike if it determines, in its reasonable discretion after examination of the returned Ebike, that the Ebike or Ebike part or component is not eligible for this Limited Warranty ("Ineligible Product"). Boogie Bikes will bear all costs of return shipping to you and will reimburse any shipping costs incurred by you, except with respect to any Ineligible Product, for which you will bear all shipping costs. [SS1]

In addition to the Limited Warranty, Boogie Bikes offers a special pro-rated discount of replacement battery packs based on the amount of time in use as follows: full replacement in the first year and 50% off in the second year. [SS2]

WHAT THIS LIMITED WARRANTY DOES NOT COVER

This Limited Warranty is contingent upon proper use of the Ebike in accordance with factory recommendations, instructions and safety practices. You are responsible for ensuring that the Ebike is properly operated, maintained and stored as specified in the Owner's Manual. This Limited Warranty does not cover Ebikes or parts or components marked as "sample" or "Not for Sale", or sold "AS IS"; or Ebikes or parts or components that have been subject to: (a) normal wear and tear, modifications,

alterations, misuse, tampering, or improper maintenance or repairs; (b) handling, storage, installation, testing, or use not in accordance with the Owner's Manual or any other documentation or instructions provided by Boogie Bikes; (c) damage caused by accidents, negligence, mishandling, abuse or misuse of the ebike; or (d) Acts of God, including but not limited to lightning, flood, tornado, earthquake, or hurricane. Boogie Bikes recommends that you use only authorized service providers for maintenance or repair.

General Exclusions from Warranty. This Limited Warranty will not cover the repair of damage if the damage is a result of abuse or neglect of the product. Examples of abuse and neglect include, but are not limited to:

1. Racing or competition use, modification of original parts, abnormal strain.

2. Lack of proper maintenance as described in the Owner's Manual, installation of parts or accessories that are not authorized by Boogie Bikes

3. Use of lubricants that are not suitable for the Ebike, parts and/or components.

4. Damage as a result of accidents, collisions, road hazards, or operation on surfaces, such as stairs, not intended for conventional bicycle use; damage from external factors such as salt air or saltwater, bird droppings, or chemicals.

5. Commercial applications, such as transporting cargo, delivering newspapers, and bicycle rentals.

6. Temporary decrease in power or distance that can be traveled on a single battery charge, due to operating conditions such as ambient temperatures, load, inclines, frequent starting and stopping, and normal system-protection functions, as well as temperature-related performance of the battery charger. Normal deterioration, including the gradual decrease of battery capacity over the Warranty Period. Other normal deterioration includes natural fading of painted or plated surfaces, and cosmetic ozone or weather cracking in tires.

In addition, this Limited Warranty does not cover:

1. **Ebikes, parts or components outside the Warranty Period**
2. **Damage caused from improper packaging or mishandling during shipment for warranty service**
3. **Damage caused by overloading/excessive weight, attempting tricks, running into obstacles such as curbs, or walls, pro-longed exposure to rain, and submersion in water**
4. **Starting or stopping too quickly (over-accelerating /over-decelerating)**
5. **Exceeding the maximum speed of the Ebike**
6. **Climbing or descending hills to quickly**

Specific Parts Excluded from Warranty. Parts replaced due to normal wear, routine maintenance or which need to be replaced regularly such as bearings, motors, tires, valves, spokes, tubes, cables, grips, brake pads, baskets, pedals, fuses, spokes, lenses, light bulbs, springs, chains, packing, accessories, and other such parts or components. If, upon receipt and prior to use, a normal wear or routine maintenance part or accessory is found to be defective, Boogie Bikes will repair or replace such part or accessory at no charge to the customer.

DISCLAIMER OF WARRANTIES

EXCEPT AS STATED ABOVE IN THIS LIMITED WARRANTY, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, BOOGIE BIKES DISCLAIMS ALL EXPRESS, IMPLIED, AND STATUTORY WARRANTIES AND CONDITIONS WITH RESPECT TO THE EBIKE, PARTS AND/OR COMPONENTS, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, BOOGIE BIKES ALSO LIMITS THE DURATION OF ANY APPLICABLE IMPLIED WARRANTIES OR CONDITIONS TO THE DURATION OF THIS LIMITED WARRANTY.

IF YOU ARE DISSATISFIED WITH THE PRODUCT, YOUR SOLE AND EXCLUSIVE REMEDY IS TO DISCONTINUE ITS USE.

LIMITATION OF DAMAGES

Boogie Bikes will not be liable for damages to property or persons due to improper use or through attempts to use Ebikes, parts or components for anything other than their intended use. IN ADDITION TO THE ABOVE WARRANTY DISCLAIMERS, IN NO EVENT WILL BOOGIE BIKES BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, INCIDENTAL, EXEMPLARY, PUNITIVE OR SPECIAL DAMAGES,, ARISING FROM OR RELATING TO THIS LIMITED WARRANTY OR THE EBIKE, PARTS AND/OR COMPONENTS, AND BOOGIE BIKES' TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THIS LIMITED WARRANTY OR THE EBIKE, PARTS AND/OR COMPONENTS WILL NOT EXCEED THE AMOUNT ACTUALLY PAID BY YOU FOR THE SPECIFIC EBIKE, PARTS AND/OR COMPONENTS.

YOUR RIGHTS AND THIS LIMITED WARRANTY

This Limited Warranty gives you specific legal rights. You may also have other legal rights that vary by state, province, or jurisdiction. Likewise, some of the limitations in this Limited Warranty may not apply in certain states. The terms of this Limited Warranty will apply to the extent permitted by applicable law. For a full description of your legal rights, you should refer to the laws applicable in your jurisdiction and you may wish to contact a relevant consumer advisory service.

11. Warranty Registration

Locate your serial number just under the Fork Tube Bezel as Shown

Please fill out and return the warranty card (next page) completely within 90 days in order to activate your warranty. Retain the information below for your records

Bike Information
Serial Number (15 digits on the front of the fork tube)
Date Purchased (MM/DD/YYYY)

HAPPY AND SAFE RIDING!!!

Warranty Registration Card

Mail To:
Boogie Bikes
Attn: Warranty
W4228 Church Road
Waldo WI 53093

Bike Information
Serial Number (15 digits on the front of the fork tube)
Date Purchased (MM/DD/YYYY)

Customer Information:
Name:
Address:
City
State
ZIP
Email Address (For confirmation of warranty receipt)

***Complete this card and return it by mail to Boogie Bikes within 30 days to ensure warranty protection