



**GB-106 and GB-106XR Buzzaround Lite™**



YOUR LIFE IN MOTION

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**Note: This owner's manual is for the Golden Technologies Buzzaround Lite™ model numbers GB-106 and GB-106XR. All size specifications, operating procedures, assembly and disassembly instructions are the same for both models. Better performance figures are achieved with the GB-106XR using extended range technology. The use of the term "Buzzaround Lite" is to imply reference to both models unless otherwise noted.**

Your GB-106 Buzzaround Lite™ package should include the following items. If your package arrived without any of the following items, please contact us right away!

- 1) Owner's Manual
- 2) Battery Charger
- 3) Battery Pack
- 4) Seat w/adjustable Arm Rests
- 5) Seat Post Hardware, (nut, bolt, pin and washers)
- 6) 2 Keys
- 7) Tiller Mounted Basket
- 8) Buzzaround Lite™ scooter



## **DISCLAIMER**

**Golden Technologies, Inc. is not and cannot be held responsible for any damage or injury incurred due to improper or unsafe use of the Golden Buzzaround Lite™ scooter. Golden Technologies, Inc. specifically disclaims responsibility for any bodily injury or property damage that may occur during any use that does not comply with applicable federal, state, or local laws or ordinances.**

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## **INTRODUCTION**

Congratulations on the purchase of your new Golden Technologies Buzzaround Lite™ scooter! The Buzzaround Lite combines cutting edge technology with attractive designs that are also highly functional in today's world. We at Golden Technologies know that you have chosen a scooter that will give you years of dependable operation and will also enhance the quality of your life by providing you with the mobility to experience a more active daily lifestyle.

Please read, understand and follow all of the instructions and suggestions in this manual before you operate your Buzzaround Lite for the first time. The safe use of your new scooter is very important and starts with you. Your new Buzzaround Lite is user-friendly and designed for maximum maneuverability in even the tightest spaces.

If you feel uncomfortable with your new scooter or do not understand the instructions presented in this owner's manual, or if, for any reason, you do not feel capable of performing the activities necessary to assemble, disassemble, operate, or maintain your Buzzaround Lite, please contact the home health care dealer you purchased this scooter from or contact Golden Technologies technical support services at **800-624-6374**.

Golden Technologies, Inc. cannot be held responsible for personal injury or property damage resulting from the unsafe or the improper use of any of our broad range of health and personal mobility products.

Please fill out and mail the enclosed warranty registration card. We at Golden Technologies, Inc. would appreciate hearing about your experience with your new Buzzaround Lite scooter!

Please mail your warranty card to:

**Golden Technologies, Inc.  
Warranty Registration Office  
401 Bridge Street  
Old Forge, PA 18518**

**Phone: 570-451-7477  
Fax: 570-451-7494**

**Stop by our website 24 hours a day!!!**

**[www.goldentech.com](http://www.goldentech.com)**

## INTRODUCTION

Your Golden Technologies Buzzaround Lite™ is a battery-operated personal mobility vehicle. Please exercise caution and consideration when you are operating it. Driving your Buzzaround Lite carefully and thoughtfully will help ensure your personal safety and the safety of other people.

**Note:** Before learning to operate your Buzzaround Lite, have your Golden Technologies, Inc. representative determine if it is advisable for you to practice getting on and off your Buzzaround Lite and operating it in the presence of an attendant.

### **BEFORE GETTING ON YOUR BUZZAROUND LITE**

**READ COMPLETELY AND UNDERSTAND THIS OWNER'S MANUAL BEFORE ASSEMBLING, OPERATING, TRANSPORTING, OR DISASSEMBLING YOUR GOLDEN TECHNOLOGIES BUZZAROUND LITE.**

- Check to be certain that the key is removed. See operation section in this manual. This will eliminate the possibility of accidentally activating the thumb lever controls and causing injury to you or to others.
- Check to be certain that your scooter brake handle is in the engaged position. See the “disassembly” section in this manual.
- Flip up the armrests.

 **WARNING: WHEN GETTING ON OR OFF YOUR BUZZAROUND LITE, DO NOT PUT MOST OR ALL OF YOUR WEIGHT ON THE EDGE OF THE DECK. DOING SO MAY CAUSE THE SCOOTER TO TIP.**

### **GETTING ON YOUR BUZZAROUND LITE**

- Make certain that the key is removed!
- Position the seat for safe and easy mounting. See: “Operation” section.
- Carefully place one foot on the approximate center of the deck and seat yourself comfortably and securely on the seat.
- Fasten the lap belt, if your scooter is so equipped.
- Flip down the armrests.

### **GETTING OFF YOUR BUZZAROUND LITE**

- Make certain that the power is turned off and key is removed!
- Flip up the armrest.
- Unfasten the lap belt, if your scooter is so equipped.
- Carefully place one foot on the ground, transfer your weight to that leg, and slowly come to a standing position.
- Step away from the scooter.

### **MAXIMUM WEIGHT**

Your Buzzaround Lite has been rated to a maximum payload (includes operator and any other carry on baggage) of 250 pounds. Exceeding the maximum weight rating will void the warranty.

 **WARNING: EXCEEDING THE MAXIMUM WEIGHT RATING MAY ALSO RESULT IN INJURY TO YOU AND TO OTHERS.**

## **SAFETY**

### **DRIVING YOUR BUZZAROUND LITE™ ON AN INCLINE**

- For maximum stability, lean forward on your seat while proceeding up ramps, slopes, curbs, or any low rise.
- Drive with caution when attempting to negotiate any incline, even handicap access ramps.
- **Always** climb or descend a gradient by driving straight up or straight down the face of the slope.
- **Do not** traverse or drive across the face of a gradient.
- **Do not** attempt to negotiate an incline that is covered with snow, ice, cut or wet grass, leaves, or any other potentially hazardous material.
- **Do not** back down an incline.
- Try to keep your Buzzaround Lite moving when climbing an incline. If you do come to a stop, restart and accelerate slowly and carefully.
- **Do not** try to descend or climb a slope whose gradient is greater than recommended. See “Specifications” section.

<p><b>Max incline GB106: 6°</b></p> <p><b>Max incline GB106XR: 7.5°</b></p>
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**⚠ WARNING: IF, WHILE YOU ARE DRIVING DOWN A SLOPE, YOUR SCOOTER STARTS TO MOVE FASTER THAN YOU FEEL IS SAFE, RELEASE THE THUMB LEVER AND ALLOW YOUR BUZZAROUND LITE TO COME TO A STOP. WHEN YOU FEEL THAT YOU AGAIN HAVE CONTROL OF YOUR SCOOTER, PUSH THE THUMB LEVER FORWARD AND CONTINUE SAFELY DOWN THE REMAINDER OF THE SLOPE.**

### **DRIVING DOWN AN INCLINE**

- **Always** drive forward down any ramp, low rise, or incline.

**Never drive your scooter in reverse down any incline, ramp, curb, or low rise. Backing down any slope may create a very hazardous situation.**

# **SAFETY**

## **RULES FOR USE AND OTHER SAFETY CONSIDERATIONS**

### **MEDICATION**

Always check with your physician to determine if any of the medications you are taking may affect your judgment and / or your ability to operate your Buzzaround Lite™. Also check with your physician concerning your physical ability to operate a scooter.



**WARNING: DO NOT CONNECT OR ALLOW ANYONE EXCEPT AN AUTHORIZED GOLDEN TECHNOLOGIES REPRESENTATIVE TO CONNECT ANY ELECTRICAL OR MECHANICAL DEVICE TO YOUR BUZZAROUND LITE. UNAUTHORIZED ACCESSORIES WILL VOID THE WARRANTY AND MAY CAUSE INJURY.**

**Note:** Please remember that while on your Buzzaround Lite, you are a motorized pedestrian. You must observe and obey all pedestrian rules and regulations for the locale in which you are riding.

Please use your Buzzaround Lite scooter often and allow it to expand the horizons of your daily life. But as with all things, especially motor operated vehicles, observing a few rules and safety considerations will help ensure safe scooter operation. So please follow the rules below.

- **Do not** turn your scooter while on an incline or decline.
- **Always** keep all your body parts within the confines of the scooter.
- **Do not** hose down your scooter.
- **Always** remain properly seated when operating your scooter.
- **Do not** place your scooter in freewheel mode when on an incline or decline.
- **Never** sit on your scooter when it is in freewheel mode.
- **Always** reduce the speed of your scooter when making turns.
- **Do not** operate or store your scooter where it will be exposed to rain, snow, mist, and below freezing temperatures.
- **Do not** operate your scooter on slippery, icy or salted surfaces.
- **Never** charge a frozen battery.
- **Do not** modify your scooter in any way that is not authorized by Golden Technologies.

## **SAFETY**

### **RULES FOR USE AND OTHER SAFETY CONSIDERATIONS FOR YOUR BUZZAROUND LITE™**

- Read completely and understand this owner's manual before assembling, operating, transporting, or disassembling your scooter.
- **Always** operate your Golden Technologies Buzzaround Lite with thought, care and safety.
- **Do not** attempt to use your scooter on an escalator. Always use an elevator.
- **Do not** carry passengers under any circumstances.
- **Do not** mount or dismount your scooter unless the brake is engaged.
- **Make certain** that the key is removed before mounting or dismounting your scooter.
- **Do not** back your scooter down an incline or across an uneven surface.
- **Make certain** that the seat is locked in the forward position before operating your scooter.
- **Always** come to a full stop before changing direction from forward to reverse or from reverse to forward.
- **Do not** operate your scooter where you could not safely or legally walk.
- **Do not** climb ramps or curbs that exceed your scooter's capacity.
- **Always** approach curbs and inclines straight on.
- Be aware of and careful near mechanical pinch points (for example, when mating the rear carriage to the front frame, especially when assembling and disassembling your scooter. See Assembly/Disassembly section.
- **Never** sit on your Buzzaround Lite when it is being transported.
- **Do not** operate your vehicle if it is not functioning properly.
- Use caution when driving on soft or uneven surfaces such as grass and gravel.
- Also use caution on decks where there is no railing.
- **Never** drive on the roadway, except when you must cross the street.
- **Never** back up or down a step or curb.
- **Never** operate your Buzzaround Lite while you are under the influence of alcohol.

**⚠ WARNING: TURNING TOO SHARPLY AROUND A CORNER CAN CAUSE THE SCOOTER TO TIP. AVOID THIS DANGER AT ALL TIMES BY STEERING A WIDE ARC AROUND CORNERS AND OBSTACLES. ALSO, TO AVOID THE RISK OF TIPPING, REDUCE SPEED BEFORE NEGOTIATING ANY TURNS.**

**⚠ FOR EMERGENCY STOPPING, REMOVE SCOOTER KEY – SCOOTER WILL STOP.**

**⚠ NEVER OPERATE SCOOTER ON SNOW OR ICE.**

**NEVER TRANSFER ONTO OR OFF OF THIS SCOOTER USING THE SEAT BACKREST FOR SUPPORT DURING TRANSFER. THE SEAT BACK MAY FOLD DOWN AND MAY CAUSE YOU TO LOSE YOUR BALANCE AND COULD RESULT IN PERSONAL INJURY. MAKE SURE THE SEAT SWIVEL IS LOCKED.**

**DO NOT LEAN ON TILLER FOR SUPPORT DURING TRANSFERS. THE TILLER MIGHT UNINTENTIONALLY MOVE AND CAUSE YOU TO LOSE YOUR BALANCE WHICH COULD RESULT IN PERSONAL INJURY.**



## **EMI / RFI**

The rapid development of electronics, especially in the area of communications, has saturated our environment with electromagnetic (radio) waves that are emitted by television transmitters, cellular phones, citizen's band radios (CBs) amateur radios (HAM radios), wireless computers links, microwave transmitters, paging transmitters, etc. These electromagnetic (EM) waves are invisible and increase in strength the closer one gets to the source of transmission. When these energy waves act upon electrical devices and cause them to malfunction or to function in an erratic or uncontrolled manner, they are referred to as Electromagnetic Interference (EMI) or Radio Frequency Interference (RFI).

### **EMI / RFI AND YOUR BUZZAROUND LITE™**

All electrically powered vehicles, including scooters are susceptible to EMI / RFI. This interference could result in abnormal or unintended movement of your Golden Technologies Buzzaround Lite.

The FDA has determined that each make and model of scooter can resist EMI / RFI to a certain level. The higher the level of resistance, the greater the degree of protection from EMI / RFI – measured in volts per meter (V/M). The FDA has also determined that current technology is capable of providing 20 V/M of resistance to EMI/RFI, which would provide useful protection against common sources of interference. The resistance level of the Golden Technologies Buzzaround Lite is unknown.

### **EMI / RFI RECOMMENDATIONS**

- Do not turn on or use hand-held personal electronic communication devices such as cellular phones, walkie-talkies, or CB radios while your scooter is turned on.
- Be aware of any nearby transmitters (radio, television, microwave, etc.) on your intended route and avoid operation of your scooter close to any of those transmitters.
- Remove the key if your Buzzaround Lite is going to be in a stationary position for any length of time.
- Be aware that adding accessories or components or modifying your scooter may make it more susceptible to EMI / RFI.
- If unintended movement or brake release occurs, turn your scooter off and remove the key as soon as it is safe to do so.
- Report all incidents of unintended movement or brake failure to Golden Technologies.



**WARNING: TURN OFF YOUR SCOOTER AND REMOVE THE KEY AS SOON AS IT IS SAFE TO DO SO IF UNINTENDED OR UNCONTROLLABLE MOTION OCCURS OR IF UNINTENDED BRAKE RELEASE OCCURS.**

# Scooter Information

**BUZZAROUND  
LITE™**



**FOR YOUR RECORDS:**

Please fill in your Buzzaround Lite™ information below. This information will be useful in the event that you ever need to contact Golden Technologies concerning your scooter.

Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Date of Purchase \_\_\_\_\_ Body Color \_\_\_\_\_

Options \_\_\_\_\_

Your Golden Technologies representative or dealer

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

**Please remember to fill in and return your  
Warranty registration card.**



## GB-106 Buzzaround Lite™ Operation

DC Battery Voltage Meter

Key (On position)



Speed Adjustment Knob

Horn Button

(Reverse) Drive Control Lever (Forward)

### Hand Controls

#### Speed Adjustment Dial

The speed adjustment dial allows you to pre-select the maximum top speed of your Golden Technologies Buzzaround Lite™.

- Turn the dial completely counterclockwise to operate your scooter at the lowest speed.
- Turn the dial clockwise to operate your scooter at top speed.

We recommend that you select a speed setting at which you feel comfortable, safe, and in control of your scooter.

#### Key Switch

This switch turns the power of your Buzzaround Lite on and off.

- Insert the key into the keyhole and push until fully inserted. Notice a green “LED” light illuminate. Once illuminated, your scooter is powered.

**Note:** Always make certain that the key is removed from the key switch before getting on or off your scooter.

## **OPERATION**

When the power to your Buzzaround Lite™ is turned on, an LED (Light Emitting Diode) will illuminate. This LED is used in diagnosing operational problems that may arise. See “Diagnostics” section on page 21.

### **Horn Button**

Press this button to sound the horn.

### **Drive Control LEver**

This self-centering drive control lever system controls your Buzzaround Lite speed (up to the maximum speed set by the speed adjustment dial) as well as the forward and reverse direction. This control system is also called the “Wig-wag”.

To drive forward:

- Place your hands on the handgrips.
- Use your thumbs to operate the drive control lever.
- Use your right thumb to press lightly on the “F” (forward motion) lever to move your scooter forward.
- Increase the pressure applied by your thumb to increase your forward speed.
- To stop your Buzzaround Lite, release all pressure on the lever. The lever will automatically return to the center (neutral) position and your scooter will come to a gradual stop.

**Note:** Always bring your Buzzaround Lite to a full stop before changing direction from forward to reverse, or from reverse to forward.

To drive in reverse:

- Place your hands on the handgrips.
- Use your thumbs to operate the control levers.
- Use your left thumb to press lightly on the “R” (reverse motion) lever to move your scooter in reverse.
- Increase the pressure applied by your thumb to increase your reverse speed.
- To stop your scooter, release all pressure on the lever. The lever will automatically return to the center (neutral) position and your scooter will come to a gradual stop.

## **OPERATION**

### **DC Battery Voltage Meter**

This meter shows the amount of voltage in your Buzzaround Lite™ batteries.

- Green indicates a full battery charge
- Yellow indicates caution and approximately one-half charge on the batteries.
- Red indicates that the batteries have less than one-half of a charge remaining. See “Care and Maintenance” section for instruction concerning charging the batteries.

**Note:** Your scooter will automatically turn itself off if the battery output falls to 18 VDC or lower.

### **Tiller Adjustment**

The tiller on your Buzzaround Lite scooter employs an adjustment knob to provide you with infinite tiller angle settings. To set the tiller to your liking, follow these directions:

- Use one hand to grasp a handgrip.
- Use your other hand to loosen the tiller adjustment knob.
- Position the tiller to a comfortable driving position.
- Tighten the tiller adjustment knob.



Tiller  
Adjustment  
Knob

## **OPERATION**

### **Armrest Width Adjustment**

To adjust the armrest width:

1. Loosen the adjustment knobs at the rear of the seat.



2. Slide the armrests in or out to the desired width.
3. Tighten the adjustment knobs.

Max arm width: 24"



**WARNING: BE SURE ADJUSTMENT KNOBS ARE SECURELY TIGHTENED AGAINST THE INSERTED ARM REST TUBE. DO NOT EXCEED MAXIMUM ARM WIDTH.**

### **Seat Height Adjustment**

To adjust the seat height:

1. Remove the seat by holding the Seat Rotation Lever up and lifting the seat straight up.
2. Set the seat aside.
3. Remove ball detent pin or the bolt, nut, and washers that hold the seat post in the seat pedestal.



4. Position the seat post at the desired height while aligning the holes in the seat post and the seat pedestal.
5. Reinstall the ball detent pin or nut, bolt, and washers and tighten securely.

## **OPERATION cont.**



**WARNING: THIS SCOOTER WILL TIP EASIER WHEN THE SEAT IS IN ITS HIGHEST POSITION.**

### **Seat Rotation Lever**

The seat can be rotated through 360° and locked at any 45° position.

1. Pull up on the Seat Rotation Lever and rotate the seat to the desired position.



2. Release the handle to lock the seat at any 45° position.



**WARNING: DO NOT ATTEMPT TO DRIVE YOUR BUZZAROUND LITE IN ANY SEAT POSITION OTHER THAN FULLY FORWARD.**

### **Flip-Up Armrests**

Pull up on the end of either armrest to flip it up for easy transfer on and off your scooter.



### **Seating**

The Golden Technologies Buzzaround Lite seat is available in black vinyl.



## **RIDING YOUR BUZZAROUND LITE™**

### **MOUNTING**

Note: For your first driving sessions, make certain that your Golden Technologies Buzzaround Lite™ starts out on a level surface and that you will continue driving on a level surface.

#### **To Get On Your Buzzaround Lite**



**WARNING: BE SURE YOUR SEAT IS LOCKED IN THE FORWARD POSITION BEFORE OPERATING.**

- Make certain that the seat is positioned for safe and easy mounting.
- Position yourself in the seat.
- Use the seat rotate lever to position the seat in the fully forward direction.
- Fasten your lap belt, if so equipped.

### **BASIC DRIVING**

1. Make certain that you are seated safely and properly on your Buzzaround Lite.
2. Turn the speed control dial fully counterclockwise to its slowest setting.



#### **RISK OF ACCIDENTS!**

- Never touch the freewheel/brake release lever while driving.
- Never switch the scooter to the freewheel mode when somebody is sitting on it.
- For proper operation, the freewheel/brake release lever should always be securely engaged.
- Do not disengage the motor when on an incline.

**NOTE:** Reverse movement of the scooter may not occur when the speed control dial is set fully counterclockwise at its slowest setting, especially when the batteries are not fully charged.

3. Insert the key into the keyhole.
4. Push the key all the way into the key receptacle to power the scooter.
5. Place your hands on the handgrips.
  - If you wish to drive forward, position your right thumb on the drive control lever marked “F” and push forward.
  - If you wish to drive in reverse, position your left thumb on the drive control lever marked “R” and push forward.
6. Press against the thumb lever to gently accelerate your Buzzaround Lite™.

## **RIDING YOUR BUZZAROUND LITE™ cont.**

7. Release the lever to allow your Buzzaround Lite to come gently to a full stop.
8. Practice these two basic functions until you feel that you have control of your scooter.



### **EMERGENCY BRAKING: LET GO OF THE DRIVE LEVER!**

The drive lever automatically returns to the central position if you let go. The scooter automatically brakes using the electric regenerative brake.

### **Steering**

Steering your Golden Technologies Buzzaround Lite is easy and logical.

1. With both hands on the handgrips of the tiller, turn the tiller to the right to travel to the right.
2. With both hands on the handgrips of the tiller, turn the tiller to the left to travel to the left.
3. Make certain to maintain sufficient clearance when turning your scooter so that the rear wheels will clear any obstacle.



**WARNING: TURNING TOO SHARPLY AROUND A CORNER CAN CAUSE THE SCOOTER TO TIP. AVOID THIS DANGER AT ALL TIMES BY STEERING A WIDE ARC AROUND CORNERS AND OBSTACLES. ALSO, TO AVOID THE RISK OF TIPPING, REDUCE SPEED BEFORE NEGOTIATING ANY TURNS.**

### **Steering in a tight spot**

If you must steer in a tight spot, such as entering a doorway or when turning around:

1. Bring your Buzzaround Lite to a full stop.
2. Turn the speed control dial to the slowest setting (Fully counter clockwise)
3. Turn the tiller to the direction in which you wish to drive.
4. Press gently on the appropriate thumb lever and slowly turn your Buzzaround Lite.

For more information on dealing with obstacles and tight spots, see “Control through tight spots” on the next page.

### **Steering in Reverse**

Backing up your Buzzaround Lite requires attention to what you are doing

1. Use your left thumb to press against the drive control lever marked “R”.
2. Turn the tiller to the left to drive in reverse to the left.
3. Turn the tiller to the right to drive in reverse to the right.

**Note:** Your Buzzaround Lite speed in reverse is fifty percent of the maximum speed set on the speed control dial.

## **RIDING YOUR BUZZAROUND LITE™ cont.**

### **Control through tight spots**

As you use your Buzzaround Lite™ to increase your mobility, you will undoubtedly encounter some obstacles that will require practice to negotiate smoothly and safely. Below are some common obstacles that you may meet during the daily use of your scooter. Listed with those obstacles are some driving tips that should help you conquer those obstacles. Learn and follow those tips, and with surprising ease you will soon be in control of your scooter as you maneuver it through doors, up and down ramps, up and over curbs, through grass and gravel, and up and down inclines.

### **Doors**

- Approach any unfamiliar door slowly.
- Notice if the door has a knob or a push bar.
- Determine if the door opens towards you or away from you.
- Do not try to use your own strength to open the door. Learn to use the power of your scooter to do the majority of the work for you.

#### **If the door opens away from you:**

1. Use one hand to turn the doorknob or to operate the push bar.
2. Use your other hand to steer the scooter and to gently press on the thumb lever that will move your scooter slowly forward.
3. Use your arm to push the door gently open.
4. Drive through the doorway.
5. If it is a self-closing door, it will close behind you.
6. If it is not a self-closing door, stop your scooter when it is clear of the door and use your hand to push the door closed.

#### **If the door opens towards you:**

1. Use one hand to turn the doorknob or to pull the handle.
2. Keep your grip on the knob or on the handle.
3. Use your other hand to steer your scooter and to gently press the thumb lever that will move your scooter slowly in reverse.
4. Allow the power of your Buzzaround Lite to pull the door completely open.
5. When the door is completely open, stop your scooter.
6. Drive through the doorway while keeping your hand on the door to prevent it from hitting or blocking your scooter.
7. If it is a self-closing door, it will close behind you.
8. If it is not a self-closing door, pull it closed behind you.

### **Ramps**

Because of the American Disabilities Act (ADA), many buildings are fitted with ramps that provide access for scooters and for other mobility vehicles.

## **RIDING YOUR BUZZAROUND LITE™ cont.**

### **When proceeding up any ramp, curb, or incline:**

- Lean forward in your seat to move your center of gravity forward for maximum stability and safety.



### **RISK OF ACCIDENTS!**

Negotiating curbs requires practice.

Please observe the maximum obstacle heights of 2 inches.

Please start practicing curb climbing with small curbs.

### **If the ramp has a switchback, good cornering ability is required.**

- Maneuver your scooter so that the front wheels take wide swings around the corners of the ramp.
- Doing this will allow your scooter's back wheels to follow a wide arc around the corner, staying clear of obstacles.

### **If you must stop your scooter while driving up a ramp:**

- Starting up again simply requires that you apply gentle and steady forward power (pressure to the right-hand thumb lever).
- Accelerate gently after stopping on any incline.

### **Driving down a ramp:**

- Keep your Buzzaround Lite™ speed control dial set fully counterclockwise at the slowest speed setting.
- If you must come to a stop, release the thumb control lever slowly and smoothly.

Max incline GB106:

**6°**

Max incline GB106XR:

**7.5°**



### **Grass and Gravel**

Your Buzzaround Lite performs admirably on grass, gravel, and hills, but you must follow the operational parameters presented in this manual. Refer to the "Safety" section. If you are unsure about any situation, avoid it. Common sense is your best protection

- Feel free to use your Buzzaround Lite on lawns or in park areas.
- Avoid long or high grass, which may wrap around your scooter's axles.

## **DIAGNOSTICS SYSTEM**

Any fault condition on the controller or scooter will cause the “Power on/diagnostics” LED to flash. The LED light located on the faceplate of the scooter will tell you about the problem in how it flashes.

LED Flashes 1 time pause, 1 time, and pause. Batteries are low scooter still operates.

LED Flashes 2 times, pause, 2 times, pause. Batteries are very low, scooter will not drive.

LED Flashes 3 times, pause, 3 times, pause. Over voltage to controller.

LED Flashes 5 times, pause, 5 times, pause. Brake in freewheel or brake connection problem.

LED Flashes 6 times, pause, 6 times, pause. Paddle or speed potentiometer problem.

LED Flashes 7 times, pause, 7 times, pause. Paddle or speed potentiometer problem.

LED Flashes 8 times, pause, 8 times, pause. Motor disconnected or faulty.

LED Flashes 9 times, pause, 9 times, pause. Controller fault.



**WARNING: DO NOT OPERATE THE SCOOTER IF THE BATTERY IS NEARLY DISCHARGED. FAILURE TO COMPLY WITH THIS CONDITION MAY LEAVE THE USER STRANDED IN AN UNSAFE POSITION.**

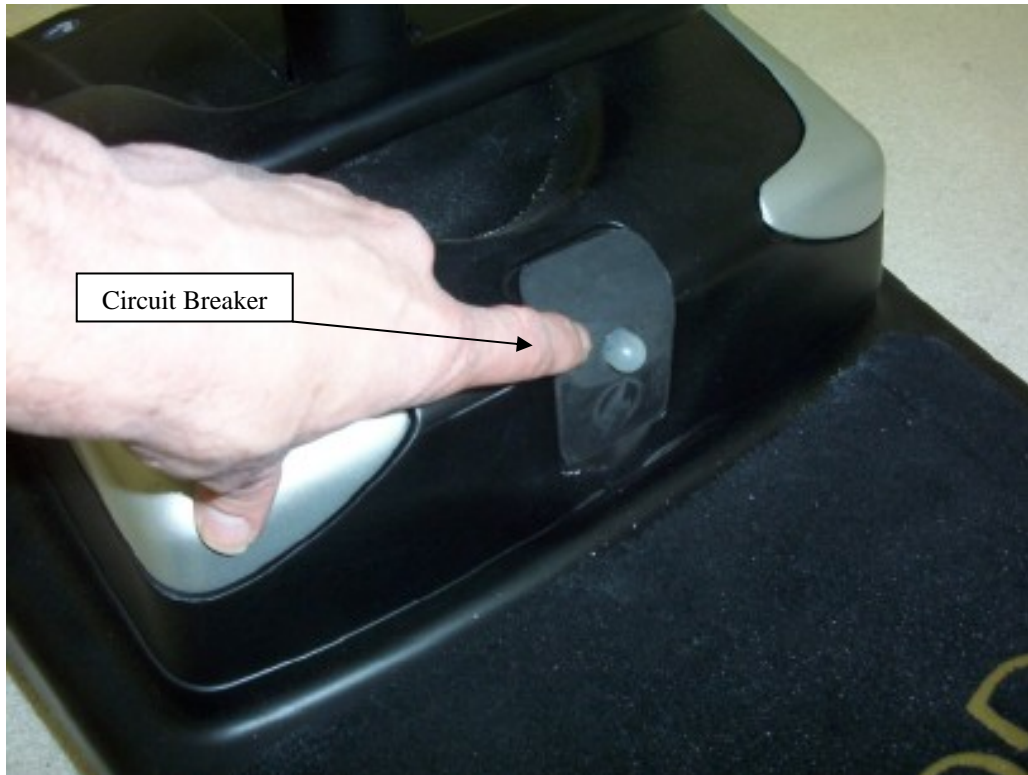


This is the “LED” light that will flash in the event of a problem.

## **GENERAL CARE AND MAINTENANCE**

### **Main Circuit Breaker**

The 35-amp circuit breaker and exposed reset button are located on the front of the battery cover. The button is visible through the battery cover. If your Buzzaround Lite™ fails to operate, your main circuit breaker may have tripped.



- ⚠ **WARNING: DO NOT ATTEMPT ELECTRICAL REPAIRS. CONSULT GOLDEN TECHNOLOGIES OR YOUR AUTHORIZED GOLDEN TECHNOLOGIES DEALER.**
  
- ⚠ **WARNING: NEVER SOAK YOUR SCOOTER IN ANY LIQUID. THIS MAY CAUSE PERSONAL INJURY AND/OR DAMAGE TO YOUR SCOOTER.**

## Possible causes for the main circuit breaker to trip

- “Run-down” batteries.
- Over exerting the motor.

## Possible solutions:

- Recharge your batteries.
- If the problem persists, have an authorized Golden Technologies dealer “load test” the batteries to assure they are not damaged.
- If the problem persists, assure your battery charger is operating properly.

## Resetting the Main Circuit Breaker

If the main circuit breaker trips as a result of “run-down” batteries or because of a temporary overload, reset the circuit breaker using the following directions:

1. Wait 5 minutes to allow the motor and electronics board to cool, or return to “normal” operating temperature.
2. Press in on the main circuit breaker reset button.



**WARNING: BE SURE YOU REMOVE THE KEY FROM THE KEY RECEPTACLE BEFORE RESETTING YOUR SCOOTER.**

**NOTE:** If the main circuit breaker continues to trip, there is an underlying electrical fault that needs professional attention. Please contact your local Golden Technologies Dealer.

**NOTE:** Do not reset your main circuit breaker repeatedly. You must correct the underlying problem. Failure to correct the problem could cause injury or damage and will void the warranty.

## GENERAL CARE AND MAINTENANCE

### Wheels and Tires

Your Buzzaround Lite™ scooter is equipped with “split-rim” wheels and foam-filled tires.



Front Tire  
*Solid/Foam-filled*



Rear Tire  
*Solid/Foam-filled*

#### **How to change a tire assembly:**

1. Remove the center nut.
2. Remove the tire assembly from the scooter
3. Install a new tire assembly onto the axle.
4. Install and tighten the center nut.

**NOTE:** All tires on your Buzzaround Lite are foam-filled. This means that there is NO air in any tire. The tires are filled with foam. This means you will never have a flat tire even if you puncture the tire.

#### **IF YOUR BUZZAROUND LITE DOES NOT OPERATE**

- Make certain that the brake handle is set to the engaged (forward) position.
- Check the main circuit breaker. If necessary, reset the circuit breaker.
- Make certain that the speed adjustment dial is at the desired setting.
- Be sure that the key is all the way in the key receptacle and the scooter is “ON” (note the green “LED” light is illuminated)



**WARNING - ONLY START DRIVING IF EVERYTHING IS IN WORKING ORDER! HAVE ANY AND ALL DEFECTS REPAIRED IMMEDIATELY!**

**IF NONE OF THE ABOVE PROCEDURES SOLVE THE PROBLEM, CONTACT YOUR AUTHORIZED GOLDEN TECHNOLOGIES DEALER.**

**LUBRICATION** All of the bearings on your Golden Technologies Buzzaround Lite are permanently lubricated and sealed. No lubrication is required.



## **GENERAL CARE AND MAINTENANCE**



**WARNING: THE BATTERIES USED ON YOUR SCOOTER HOLD A SUBSTANTIAL AMOUNT OF POWER. SHORTING OF THE TERMINALS CAN RESULT IN BURNS OR OTHER INJURIES AND IN DAMAGE TO THE BATTERIES AND TO THE ELECTRONIC COMPONENTS OF YOUR BUZZAROUND LITE. ALWAYS USE CARE AND CAUTION WHEN HANDLING THE BATTERIES.**

### **Battery Charging Information**

**Note:** Your scooter may be equipped with either “GEL”, “Lead Acid”, or “AGM” batteries. These batteries do NOT have “memory”. It is not necessary to completely discharge the batteries before charging them.

**Note:** If you are not going to use your Buzzaround Lite for an extended time, fully charge the batteries before storing your scooter. The batteries can be left unmaintained for up to 6 months if they are first fully charged and kept at room temperature (approximately 72° F).

**Note:** if you have not used your scooter for more than three days, make certain that you charge the batteries on the night before you are going to use your scooter. This will ensure that you start operating your scooter with a full charge on the batteries.

**Note:** If you use your scooter during the day, charge the batteries as soon as you are finished using it. The charger is fully automatic. Following this procedure will prepare your scooter for a full day's service each day.

**Note:** If you use your scooter sparingly over the course of the day, and have not reduced the charge on the batteries by any great amount, it may not be necessary to charge the batteries every night.

### **Battery Maintenance**

Lead Acid, Gel-cell or AGM deep-cycle batteries are used for operating your Buzzaround Lite

- These batteries are maintenance-free.
- There is no danger of spillage or leakage, so these batteries are safe to transport on aircraft, busses, trains, etc.
- By following the procedures set out in this manual, you can expect extended life from your batteries.

## **GENERAL CARE AND MAINTENANCE**

If the battery terminals become corroded:

- Corrosion can cause a poor electrical connection and operational problems.
- Clean corroded battery terminals with a stiff brush and a solution of baking soda and water.

### **CLEANING YOUR BUZZAROUND LITE™**

#### **Tires**

- Clean the tires with ordinary kitchen-type cleaners and a damp cloth.
- Do not use solvents on tires. Solvent can cause the tire material break to down or become too soft.

#### **Body**

The body (rear shroud, deck shroud) of your scooter is formed ABS plastic and is painted for style and durability. Each Buzzaround Lite comes standard with three sets of quick-snap color shrouds in Red, Blue and Sahara. Colors can be changed by gently snapping off the pieces.

- Do not use a sharp object when removing shroud pieces.
- Clean the body of your scooter with a damp cloth. Do not hose down your scooter! Dry with a clean soft cloth.
- Use cool water mixed with a mild soap to remove dirt and oils.
- Use a non-abrasive car wax on the ABS body parts.
- Buff by hand with a soft cloth.



#### **Seat**

Vinyl Seat:

- Clean with a mild soap or mild detergent and a damp cloth.
- A vinyl cleaner may also be used.

## **CARE AND MAINTENANCE OF YOUR BUZZAROUND LITE™**

### **Charger and Batteries**

The Buzzaround Lite scooter comes equipped with a 24 Volt rechargeable battery pack.



#### **FIRE HAZARD!!**

Do not cover the battery charger and ventilation slot while charging batteries. Only use the battery charger in well-ventilated areas.

#### **To Charge the Battery Pack:**

1. Make certain your key is in the "OFF" position.
2. Remove charger and AC cord from back of seat.



3. Plug the charger into the charger port on the battery pack and into a working electrical outlet.  
**Note:** A red "LED" light should now illuminate, showing the batteries are charging.
4. When the charging cycle is complete a green "LED" light will illuminate, indicating a complete charge.
5. Unplug and stow the charger and cord into the AC cord pack.

#### **Troubleshooting Tips:**

If batteries fail to charge within 12 hours

- Check the battery connections.
- It may be necessary to have the batteries "load tested" by your dealer.
- It may be necessary to have the charger tested.

**Note:** The battery pack can be charged while it is installed on the scooter or when it is detached from the scooter.



**WARNING: Do not leave the battery pack and charger plugged in for more than 12 hours. Damage to the battery pack and a hazardous condition may result.**

## **DISASSEMBLING AND TRANSPORTING YOUR BUZZAROUND LITE™**



Your Buzzaround Lite™ scooter is designed to be disassembled easily in order to be transported. When disassembling your scooter, please be sure to follow these simple instructions.

Step 1 - Place your scooter on a level surface.



**WARNING: BE SURE YOUR KEY IS OUT OF THE KEYHOLE BEFORE YOU BEGIN DISASSEMBLING YOUR BUZZAROUND LITE.**

Step 2 - (Optional) Remove the arms from the seat. This will reduce the weight of the seat making it easier to lift.

Step 3 - While holding the seat rotation lever up, grip the seat and remove from the scooter – Your seat will pull out of the post. Grip the seat on opposite sides and, with a firm grip, pull the seat straight up towards you to remove.



**“Pop” the seat.**

## **DISASSEMBLY OF YOUR BUZZAROUND LITE™ cont.**

**Step 4** - Lift the battery box from the scooter. This will unlock the frame latch automatically.



**“Pull” the battery box.**

**Step 5** - Loosen tiller adjustment knob and fold the tiller down flat. Then tighten the adjustment knob to secure the tiller in its new position. Once the tiller is flat, you may use it as a handle for easy transportation.

Loosen this knob to lay tiller flat.



Turn this knob to lock the front wheel

**Step 6** - Lock tiller lock – This knob is found just above the front wheel. Push in and turn clockwise 90 degrees. You should lock the front wheel to keep it from turning side to side to help control while carrying.

## **DISASSEMBLY OF YOUR BUZZAROUND LITE Cont.**



**Tighten the knob fully before lifting!**

 **WARNING – BE CAREFULL NOT TO PINCH YOUR FINGER BETWEEN THE FRAMES. THIS AREA IS A PINCH POINT AND REQUIRES YOUR FULL ATTENTION.**



**Step 7** - Hold seat post with one hand and push the rear section apart as shown below to disconnect the front and rear frame sections.



**“Push” the rear down to separate connections and front from rear.**



## **ASSEMBLY OF YOUR BUZZAROUND LITE™**

⚠ **WARNING: DO NOT SIT ON OR OPERATE YOUR SCOOTER UNLESS BATTERY BOX IS IN PLACE AND THE LOCKING MECHANISM IS ENGAGED.**

⚠ **WARNING: BE AWARE OF ANY POSSIBLE PINCH POINTS WHEN CONNECTING THE REAR FRAME TO THE FRONT FRAME. PLEASE NOTE WARNING LABELS AT PINCH POINTS WHEN ASSEMBLING.**

⚠ **Pinching and crushing hazard!**

Increased hazards due to pinching or crushing result due to the component weight (such as batteries) during preparation for transport and maintenance work.

- Always carry out any work to be done with great care.
- Always try to get help from a second person, especially when stowing parts for transport.

**Pinch Point** : A pinch point is an area where you **MUST** consider your fingers to be sure your fingers **DO NOT** become pinched between two metal areas. The greatest chance of pinch points become possible during the assembly of the Buzzaround Lite™ scooter. See photo below to become knowledgeable with this area.



**WARNING!!!**  
Be sure not to position a finger between the metal frames! This can cause injury. Look very carefully before assembling!

## **ASSEMBLING YOUR GB-106 BUZZAROUND LITE™**



### **WARNING -- INJURY HAZARD DUE TO IMPROPER ASSEMBLY!**

Ensure that all components in the scooter have been correctly assembled.

After assembly, check that all locking devices are holding correctly.



### **BE SURE YOU HAVE ALL THE IMPORTANT PARTS!**

1. Line up the front and rear components.



### **WARNING: WATCH FINGER PLACEMENT! BE CAREFUL NOT TO PINCH YOUR FINGERS!**

2. Connect the front and rear frame sections and connect the components!



### **WARNING: WATCH YOUR FINGERS!**



Notice how the front component connects to the rear component.



## **ASSEMBLING YOUR BUZZAROUND LITE™**

1. Make certain both the front and rear frames are locked.
2. Install battery pack.
3. Install your seat.
4. Position your tiller

**⚠ WARNING – MAKE SURE YOU TIGHTEN YOUR TILLER TO BE SURE IT IS LOCKED!**

5. Unlock your front wheel lock knob.

**⚠ WARNING – IF YOU DON'T UNLOCK YOUR TILLER LOCK KNOB, YOUR TILLER WILL NOT TURN! THIS COULD CAUSE INJURY.**



## **INSTALLING THE SEAT**

1. Hold the seat on an angle so you can see the seat swivel post underneath
2. Place the seat swivel post into the seat post as shown below.

**WARNING: Pinch Point! Keep hands and clothing clear of the seat swivel post and seat post.**



**Accident hazard due to non-engaged seat!**

Ensure that the seat is properly engaged after getting on by turning the seat slightly left and right.



**Accident hazard due to incorrect seat position!**

Always turn the seat to face forwards and engage it before driving.

If the seat is in any other position, the possibility of tipping is increased.

Before turning the seat, always ensure that the scooter is on an even and solid surface.

## Transporting Your GB-106 Buzzaround Lite™



**Note:** Buzzaround Lite™ scooters can be equipped with docking devices for loading into/onto a vehicle by means of mechanical lift or hoist. Golden Technologies does not sell this lifting equipment, however you may contact your local home health care dealer for more information.

### **To Transport your Buzzaround Lite**

You will want to consider the best way for transportation. Do you own a van? Do you own a SUV? Do you own a compact car? Depending on what type of vehicle you transport the Buzzaround Lite in, you will want to plan where you will store your scooter while driving.

- Disassemble or fold down the seat and tiller to easily load into your vehicle.
- Do not lift your Buzzaround Lite by its plastic body parts. These parts are not designed to be used as handles. Also, damage to these parts is NOT covered in any warranty.
- Do not use tires or wheels to lift the rear carriage. The carriage may rotate and cause injury or damage.
- Use moving blankets or other forms of padding to protect your GB-106 Buzzaround Lite during transportation.

**⚠ WARNING: IF YOUR SCOOTER AND ITS COMPONENTS ARE NOT PROPERLY AND SECURELY STOWED, THE SCOOTER OR COMPONENTS MAY SHIFT WHILE DRIVING CAUSING INJURY OR DAMAGE.**

**⚠ If the scooter is transported in the vehicle when fully assembled:**

- no one should sit on the scooter during loading.
- no one should sit on the scooter during transport.

**⚠ WARNING: If you use an outside lift system, be sure to secure your Buzzaround Lite as it could fall off the lift. Also, if any electronics are exposed to moisture they may fail.**

## **BUZZAROUND LITE™ SPECIFICATIONS**

<b>Model</b>	GB106	GB106XR
<b>Length</b>	36.5"	36.5"
<b>Width</b>	21.25"	21.25"
<b>Tires</b>	Foam Filled NON-PNEUMATIC	Foam Filled NON-PNEUMATIC
Front	8"	8"
Rear	8"	8"
<b>Weight Capacity</b>	250 pounds	250 pounds
<b>Maximum Speed</b>	4 mph	4 mph
<b>Ground Clearance</b>	2"	2"
<b>Operating Range (standard pack)</b>	8 miles*	
<b>Operating Range (extended range pack)</b>		10 miles*
<b>Batteries</b>	12 VDC – 12Ahx2 Standard	12 VDC – 15Ahx2 Extended Range
<b>Turning Radius</b>	31" (ANSI/RESNA)	31" (ANSI/RESNA)
<b>3-Point Turn</b>	39"	39"
<b>90 Degree Corridor Turn</b>	28"	28"
<b>Weight</b>		
Seat 15"x15"	18 pounds	18 pounds
Seat 16"x16"	27.7 pounds	27.7 pounds
Standard battery pack	21 pounds	
Extended range battery pack		25 pounds
Front half	32 pounds	32 pounds
Rear half	24 pounds	24 pounds
<b>Freewheel mode</b>	Yes	Yes
<b>Maximum incline</b>	6 degrees	7.5 degrees
<b>Electronic speed control</b>	Yes	Yes
<b>Brakes</b>	Electro-mechanical	Electro-mechanical
<b>Charger</b>	Off board	Off board
<b>Rear wheel drive</b>	Sealed transaxle, motor 24 VDC	Sealed transaxle, motor 24 VDC
<b>Controller</b>	45 amp/programmable	45 amp/programmable

**Consumer Limited Warranty**  
***Scooters***  
**Effective June 1, 2008**

**The following warranty is granted only to the INITIAL Consumer who has purchased our product and commences on the Date of Purchase by the Consumer from an Authorized Golden Technologies' Provider. The Consumer must have a warranty registration card filed with Golden Technologies to receive service. This warranty supersedes all previous warranties for all scooter models effective June 1, 2008.**

**The warranty covers the following scooter models:**

- ◆ Buzzaround
- ◆ Companion GC222/223
- ◆ Companion GB106/106XR/106XP3
- ◆ Avenger GA531/541
- ◆ Companion GC322/323/325
- ◆ Liteway GL100
- ◆ Companion GC422

***Lifetime Limited Warranty:***

For the life of the scooter, from the date of purchase from an authorized Golden Technologies' dealer, in the event of defective materials or workmanship, Golden Technologies will repair or replace at our option any of the following structural frame components found to be defective by an authorized Golden Technologies representative:

- ◆ Steel Frame
- ◆ Tiller Frame
- ◆ Seat Post
- ◆ Frame Welds
- ◆ Front Fork

***Two-Year Warranty:***

For the period of two years from the date of purchase, in the event of defective materials or workmanship, Golden Technologies will repair or replace at our option with any new or reconditioned components any of the following drive train components found to be defective by an authorized Golden Technologies representative:

- ◆ Transaxle
- ◆ Motor/Brake Assembly (electrical function only)

**Note: An increase in operating noise of the transaxle DOES NOT constitute a defect. With normal wear and tear, operating noise is expected to increase.**

For the period of two years from the date of purchase, in the event of defective materials or workmanship, Golden Technologies will repair or replace at our option any of the following electronic assemblies found to be defective by an authorized Golden Technologies representative:

- ◆ Electronic Controller
- ◆ Dash Assembly
- ◆ Wire Harness(es)
- ◆ Battery Charger
- ◆ Potentiometer Assembly

**Note: While charging batteries, it is normal for the battery charger to heat up. Heat coming from the battery charger does not constitute a defect.**

### ***One-Year Limited Warranty:***

For the period of one year from the date of purchase, in the event of defective materials or workmanship, Golden Technologies will repair or replace at our option any of the following parts found to be defective by an authorized Golden Technologies representative:

- ◆ Bearings
- ◆ Bushings
- ◆ Seat Swivel Mechanism
- ◆ Rubber Components (excludes tires)
- ◆ Armrests
- ◆ Plastic Components (excludes body)

Items not listed are covered at the discretion of Golden Technologies. Any accessories, standard or optional, supplied by Golden Technologies, are covered for a period of one year from the date of purchase with the particular unit.

### ***Warranty Exclusions:***

Golden Technologies does not provide warranty on any of the following items which may require replacement due to the normal wear and tear of day to day usage:

- ◆ Tires and Tubes
- ◆ ABS Plastic Shrouds
- ◆ Armrest Pads
- ◆ Motor Brushes
- ◆ Bulbs/Fuses
- ◆ Brake Pads
- ◆ Upholstery

This warranty also excludes the following:

- ◆ Batteries (Please consult battery manufacturer for any implied warranty)
- ◆ Loss or theft of components (ie: keys, baskets, etc.)
- ◆ Damage caused by:
  - Battery fluid spillage or leakage
  - Abuse, misuse, accident or negligence.
  - Improper operation, maintenance or storage.
  - Commercial use or use other than normal.
  - Repairs and/or modifications made to any part without the specific consent of Golden Technologies.
  - Exceeding the specified weight capacity of the unit.
  - Accessories other than those supplied or approved by Golden Technologies.
  - Failure to adhere to the product instructions
  - Acts of Nature, such as lightning strikes, earthquakes, etc.....
  - Circumstances beyond the control of Golden Technologies.
- ◆ **ANY PARTS ALTERED OR REPAIRED BY UNAUTHORIZED PERSON.**

### ***Warranty Service:***

Warranty Service must be performed by an authorized Golden Technologies representative. Golden Technologies reserves the right to replace warranted part(s) with refurbished or new part(s) at our discretion. All labor charges, service calls, transportation costs or any other charge(s) associated with the installation of any warranted part(s) are the responsibility of the consumer. Warranty is for the replacement of the parts only and does not include freight for the replacement parts. Consumers are not to return any item(s) to Golden Technologies without prior written authorization. Any damages incurred while warranted part(s) are in transport are the sole responsibility of the consumer.

**There is no other express warranty.**

Implied warranties, including those of merchantability and fitness for a particular purpose are excluded. Liabilities for consequential damages are excluded. This warranty gives you specific rights and you may also have other rights which may vary from state to state.

## Scooter Warranty Card

Please mail this document to:

Golden Technologies, Inc.  
Warranty Registration Office  
401 Bridge Street  
Old Forge, PA 18518

Please fill in your Buzzaround Lite™ information below. This information will be useful in the event that you ever need to contact Golden Technologies concerning your scooter.

Model \_\_\_\_\_ Serial Number \_\_\_\_\_

Date of Purchase \_\_\_\_\_ Body Color \_\_\_\_\_

Options \_\_\_\_\_

Your Golden Technologies representative or dealer

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_



I have read and fully understand:

\_\_\_\_\_ My Golden Technologies Buzzaround Lite owner's manual, including the sections on operating instructions, safety guidelines, maintenance and battery instructions.

\_\_\_\_\_ Golden Technologies Buzzaround Lite Warranty

\_\_\_\_\_ My Golden Technologies Buzzaround Lite dealer has instructed me on how to operate my scooter.

Signature \_\_\_\_\_

Telephone (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_



Golden Technologies GB106 and  
GB106 XR Buzzaround Lite™



YOUR LIFE IN MOTION

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BuzzLite GB106/GB106XR-OWN-0708