

# Go Yonder D-Lite



## Owner's Manual

Marketed in Australia and New Zealand by Bzooma Pty Ltd ABN 37 640 907 507

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## BZOOMA PTY LTD

This User Manual is written and published according to the latest BZOOMA PTY LTD specifications. We will continue the policy of improvement and may make some changes in the design and specifications without notice. If you have any enquiries, please contact your local dealer or buy directly from this web site [bzooma.com.au](http://bzooma.com.au). Delivery will be via your nearest Bzooma dealer.

This manual is published by Bzooma Pty Ltd.

## INTRODUCTION

Your Go Yonder D Lite is easy to operate however you will need to read this manual first to ensure you fully understand the controls of the vehicle. We encourage you to gain experience in a safe place and practice before greater travel. Bzooma takes pride in improving your quality of life. You should be able to reach all the places you need to visit in your neighborhood with ease and safety. The Go Yonder D Lite is manufactured to the highest standard of quality possible, and uses the finest components coupled to the latest technology available. Your safety relies upon your responsible use of this machine. Only use Bzooma supplied parts, equipment and servicing to maintain the life and warranty of the scooter.

## OPERATION

**ON:** Insert key into the key switch and turn clockwise to turn on.

**OFF:** Turn counterclockwise to turn off.

We recommend removing the key when not in use. Please note that the Go Yonder D Lite will come to an abrupt stop if in motion when the key is moved to the off position. This will automatically engage the electronic brakes.

## THROTTLE CONTROL

The throttle lever controls the forward and reverse speed of the Go Yonder DLite and is preset with the speed adjustment dial.

**FORWARD:** Push the right side lever to disengage the brakes and accelerate.

**STOP:** Completely release the throttle allowing the electronic brakes to engage.

**REVERSE:** Release the lever and allow for a complete stop. Then push the left lever to move in reverse.

The horn can only be used when the vehicle is on, use as required to prevent accident or injury while

travelling.

**SPEED:** The speed adjustment dial allows the user to limit the maximum speed of the Go Yonder D Lite. The image of the tortoise represents the slowest speed. The image of the hare represents the fastest speed. Set the adjustment dial to your desired speed prior to travel.

### **PRERIDE ADJUSTMENTS AND CHECKS**

- Is the seat at the proper height?
- Is the seat secured into place?
- Is the tiller console at a comfortable setting and secured into place?
- Is the key fully inserted into the key switch and turned clockwise to the 'on' position?
- Does the travel scooter horn work properly?
- Is your proposed path clear of people, pets and obstacles?
- Have you planned your route to avoid adverse terrain and as many inclines as possible?

### **DRIVING TIPS TO ENSURE MAXIMUM BATTERY LIFE AND RANGE**

- Always fully charge batteries before daily use
- Limit baggage weight to essential items
- Try to maintain an even speed
- Avoid stop and go driving

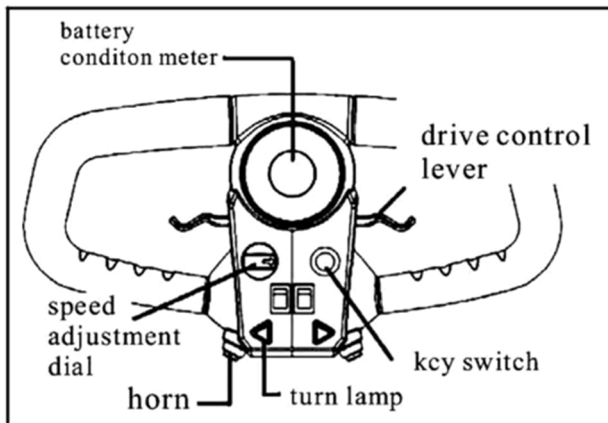
Rarely will you have ideal driving conditions. Often you will face hills, pavement cracks, uneven and loosely packed surfaces, curves and wind, all of which affect the distance or running time per battery charge.

### **POWER DOWN TIMER FEATURE**

The scooter is equipped with an energy saving automatic power down timer feature designed to preserve your travel scooter's battery life. If you mistakenly leave the key in the switch and in the 'on' position but do not use your scooter for approximately 20 minutes, the controller shuts down automatically.

If the power down feature takes effect, perform the following steps to resume normal operation. Remove key from switch. Reinsert the key and power up your scooter.

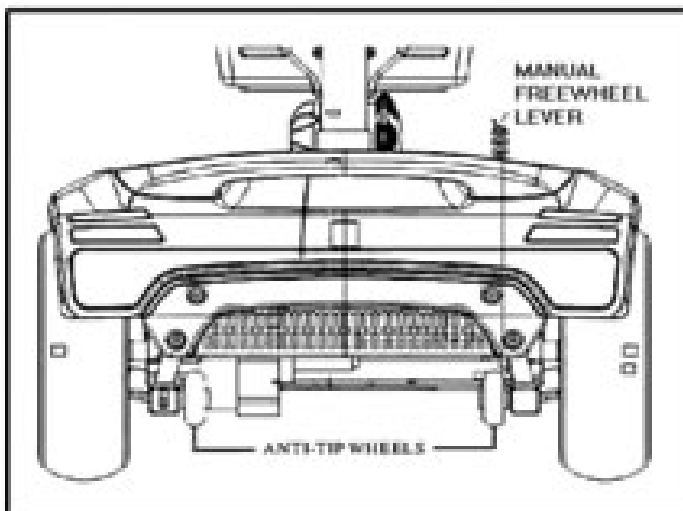
## TILLER CONSOLE



## MANUAL FREEWHEEL MODE

If you need to push your scooter for short distances, you must put it in 'Manual Freewheel' mode. Never sit on the vehicle to do this, stand to the side while engaging or disengaging Freewheel Mode.

1. Find a level surface and remove the key. Locate the lever at the top right of the rear section
2. Push forward on the lever to disable the drive and brake system. The vehicle can be pushed as desired.
3. To reverse this action, push the manual freewheel lever rearward to re-engage the drive and brake system. ALWAYS return vehicle to drive mode as this locks the brakes.



## REAR SECTION

The manual freewheel lever, anti tip wheels and motor/transaxle assembly are located on the rear section of the scooter. The anti tip wheels are an integral safety feature of your travel scooter, they are bolted to the scooter. Do not remove the anti-tip wheels or modify your travel scooter in way without advice of your dealer.

## BATTERY AND CHARGING INSTRUCTIONS

Please charge the Go Yonder DLit's batteries for 8 to 14 hours prior to first use. Keep the batteries fully charged, on a regular basis to keep your scooter running smoothly. The charger is designed so that it will not overcharge. Upon completion of your day's travel, simply plug in and charge. Fully charged batteries provide reliable performance and extend battery life.

Batteries that are regularly and deeply discharged, infrequently charged, stored in extreme temperatures or stored without a fully charge may be permanently damaged, causing unreliable performance and limited service life. After four or five charging cycles, the batteries are able to receive a charge of 100 % of their peak performance level and are able to last for an extended period of time.

The battery pack can be charged on or off the scooter. It is advised to charge the battery in a safe, well ventilated space.

1. Position the scooter or battery pack close to a standard outlet
2. Remove the key
3. Make certain that manual freewheel lever is in the drive (rearward position)
4. Plug the charger power cord into the charger receptacle, then into the electrical outlet.
5. Recommended charging time is 8-14 hours (the smart charger ensures that batteries cannot overcharge)

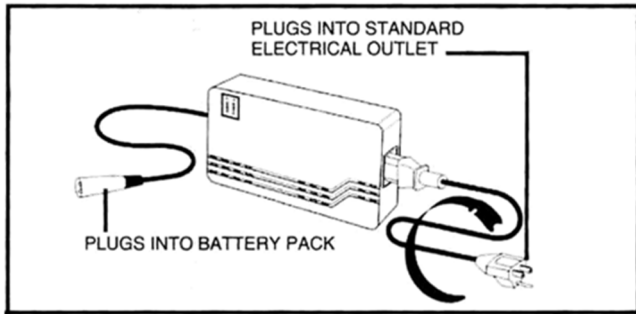
**PLEASE NOTE:** There is charger inhibit function on the scooter which will not allow the batteries to overcharge. The scooter will not run and the battery condition meter will not operate while the batteries are charging.

### **BATTERY CONDITION METER**

When the key is fully inserted into the key switch, the meter indicates the approximate battery strength. Green indicates that the battery is fully charged. Yellow indicates a draining charge and Red signals that an immediate recharge is necessary. To ensure the highest accuracy, the battery condition meter should be checked while operating at full speed on a dry, level surface.

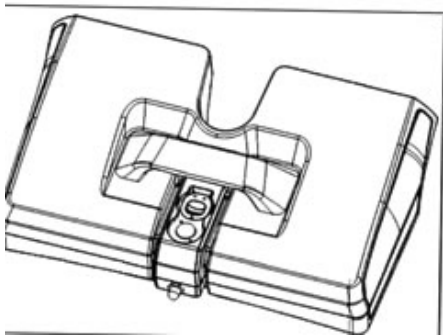
### **OFF-BOARD CHARGER**

The off-board battery charger, when plugged into the charger power cord receptacle (located on the battery pack) and a standard electrical outlet, charges the travel scooter's batteries.



## BATTERY PACK

The Go Yonder DLite is equipped with an innovative, easy to remove battery pack. A handle on the top of the battery pack makes it easy to lift the pack off the scooter with one hand. The battery pack contains two batteries, the charger power cord receptacle, the main circuit breaker (reset button) and the battery pack fuse.

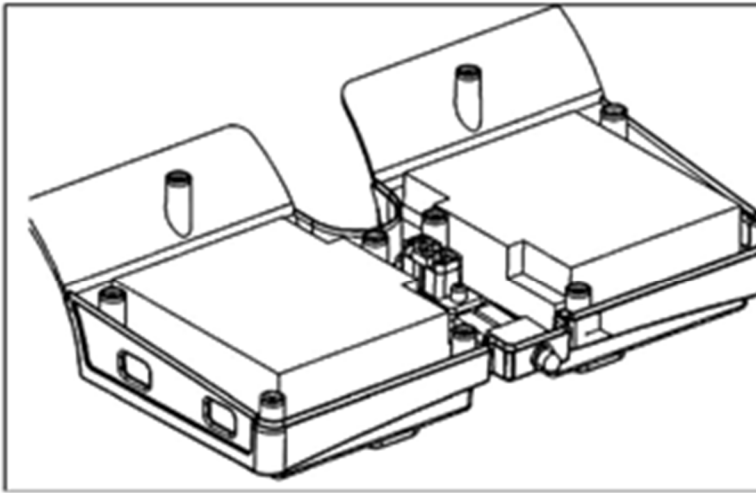


The 3 pin end of the charger plugs into the receptacle.

## CHANGING BATTERIES (Figure 14.)

1. Remove the battery pack from the scooter
2. Carefully turn the pack upside down
3. Remove the eight (8) screws from the perimeter of the battery pack
4. Carefully turn the pack right side up and remove the lid
5. Disconnect the black (-) and red (+) battery cables from the battery terminals of each battery
6. Remove the old batteries
7. Place the new batteries into the battery pack
8. Connect the black battery cable to the negative (-) battery terminal of each battery
9. Position the lid back onto the battery pack ensuring all wires are inside the pack so they don't become pinched
10. Carefully turn the pack upside down
11. Reinstall all screws and tighten

NOTE: If your battery is damaged or cracked, enclose it in a plastic bag and contact your authorized dealer.



**Figure 14. Battery Replacement**

### **MAIN CIRCUIT BREAKER (RESET BUTTON)**

When the voltage in the Go Yonder Dlite becomes low or is heavily strained due to excessive loads or steep inclines, the main circuit breaker may trip to protect the motor and electronics from damage. The main circuit breaker reset button pops out when the breaker trips. The entire electrical system will shut down.

Please follow these steps:

1. Allow a minute or two for the electronics to 'rest'
2. Push in the reset button to reset the main circuit breaker

Please note: If the main circuit breaker trips frequently, you may need to charge the batteries more often. If the breaker continues to trip repeatedly, please see your dealer.

### **GENERAL MAINTENANCE**

Your Go Yonder Dlite is a low maintenance machine, however a 6 monthly inspection by your Bzooma dealer is advised to check tires and brakes.

A basic level of maintenance will ensure good and safe use. Regularly inspect your scooter for signs of wear.

- Use a damp cloth and mild, non- abrasive cleaner to clean the plastic and metal parts of your scooter.
- Ensure terminals of batteries are clean, sealed and not corroded.
- Keep console, charger and rear electronics free of moisture. Allow these areas to dry thoroughly if they have been exposed to moisture before operating your scooter.

### **TROUBLESHOOTING**

#### **DIAGNOSTIC BEEP CODES**

** (2)	Battery voltage is too low to operate the scooter	Charge fully until charger indicates complete
*** (3)	Battery voltage is too high to operate the scooter	Contact your authorised provider for assistance
***** (5)	Solenoid brake trip. The lever may be in manual freewheel mode	Remove the key, then push the manual freewheel lever to drive position, restart your scooter
***** (6)	Throttle trip. The throttle control lever may have been depressed while inserting the key	Release the throttle control lever completely, then reinsert the key
***** (7)	Throttle trip. The throttle control lever may have been depressed while inserting the key	Contact your authorised provider for assistance
***** (8)	The scooter motor is disconnected	Contact your authorised provider for assistance
***** (9)	Possible controller trip. You may be attempting to install the battery pack while the key is inserted or the motor controller may be in overheat protective mode.	Shut down your scooter for a minimum of several minutes to allow the controller to cool. Alternatively, try reinserting the key into the key switch

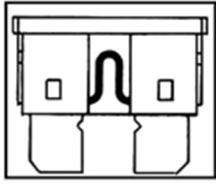
### What if all the systems on my scooter seem to be dead?

- Make certain that the key is in the 'on' position
- Check that the batteries are fully charged
- Push in the main circuit breaker reset button
- Make certain that the battery pack is seated properly
- Be sure the power down timer feature has not been activated
- Check the tiller console fuse located under the battery pack

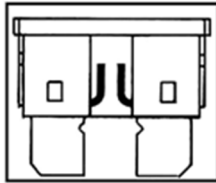
### To check a fuse:

1. Remove the fuse by pulling it out of its slot
2. Examine the fuse to be sure it is blown.
3. Insert a new fuse of the proper rating ( failure to use properly rated fuses may cause damage to the electrical system)





figures 20. working fuse



figures 21. blown fuse

## PRODUCT SPECIFICATIONS

Motor Power	24v 200 w
Battery	12v/20AH x 2 lead-acid, deep cycle batteries
Charger time	8-14hrs
Speed	7.8 km/h
Climbing Capacity	12 degree
Max. Weight Capacity	118kg
Tyre	Sturdy 23cm wheels
Dimensions	112 x 54 x 94 mm
Ground Clearance	6.8cm
Brake System	Electromagnetic brakes
Kilometers per Charge	28km

# WARRANTY

## **Bzooma Pty Ltd Limited Warranty**

Bzooma Pty Ltd provides this Limited Warranty to the original purchasers of new Bzooma machines in Australia and New Zealand.

Bzooma Pty Ltd guarantees the machine, power base including Motor, Battery and charger, against defects in materials and workmanship for a period of one (1) year, from date of delivery to the original purchaser. Damage caused by accident or obvious abuse is not covered by this warranty. Warranty does not include the batteries or tyres as subject to rider taking care and maintenance of the vehicle.

To make a claim covered by this warranty the purchaser must contact an authorised BZOOMA Pty Ltd Dealer for inspection and service. Indications of abuse, accident, or