

# LOVE BIRD SCOOTER



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## INTRODUCTION

Congratulations on your purchase of the All Weather Scooter. Your scooter incorporates the latest innovative designs patented and only available on the All Weather scooter. Your scooter may be used in both indoors and outdoors. Direct drive transaxles and electromagnetic brakes give a safe and efficient ride. This All Weather scooter is designed for persons with limited mobility.

*Please ensure that you read this manual carefully, it is important for your safety that you understand the guidelines and instructions given.*

## FEATURE GUIDE

### All Weather TM (Figure 1)

1. Tiller control head
2. Head light
3. Anti-tip wheels
4. Side reflectors
5. Adjustable width armrest
6. Swivel seat
7. Seat height adjustment
8. Fold down seat
9. Foot rest
10. Tiller steering column and steering wheel angle adjustment
11. Detachable basket
12. Battery charging inlet



## AJUSTMENTS

### Tiller Angle Adjustment (Figure 5)

The middle of the steering bar, there is a black lever, press the lever and release the steering to your comfortable driving position. Then release the lever to lock tiller in place.

***DO NOT DRIVE SCOOTER IF  
TILLER IS NOT SECURED.***



Figure 5

### Seat Slide & Swivel Adjustment (Figure 6)

Pulling up on the seat black slide lever allows the seat position to be adjusted forward or backward. Release the lever and the seat will lock in that position. Under the left of the seat there is a spring loaded black lever. Pulling up the lever allow the seat to swivel, when released, the scooter will lock in one position.

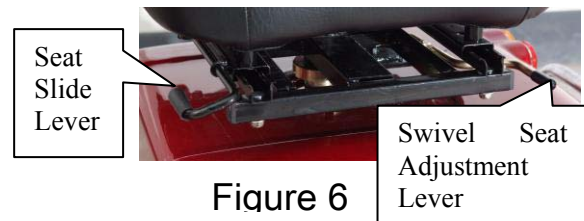


Figure 6

## Reclining Seat (Figure 7)

The reclining seat lever is located on the left side below the armrest. Simply pull the lever up to adjust. This feature also allows the seat to be folded down.

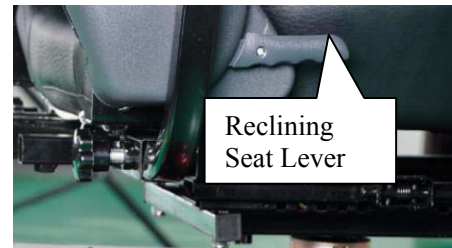


Figure 7

## SCOOTER TILLER CONTROLS (Figure 8A 8B & 8C)

### Speed Controls

The speed control knob allows you to set a speed between 1(min) to 13(max). The scooters are also equipped with a speed high/low switch.

### Battery Level indicator

The number of the LED bars lit, shows the amount of charge left in your batteries. The amount of charge will only show at its true level when the scooter is in drive.

*CAUTION — Do not let the LED bars go out/down completely as complete discharge of the batteries could cause irreversible damage.*

### Lights

A button on the control panel operates light.

### Push Button

Disengage gear for manual pushing

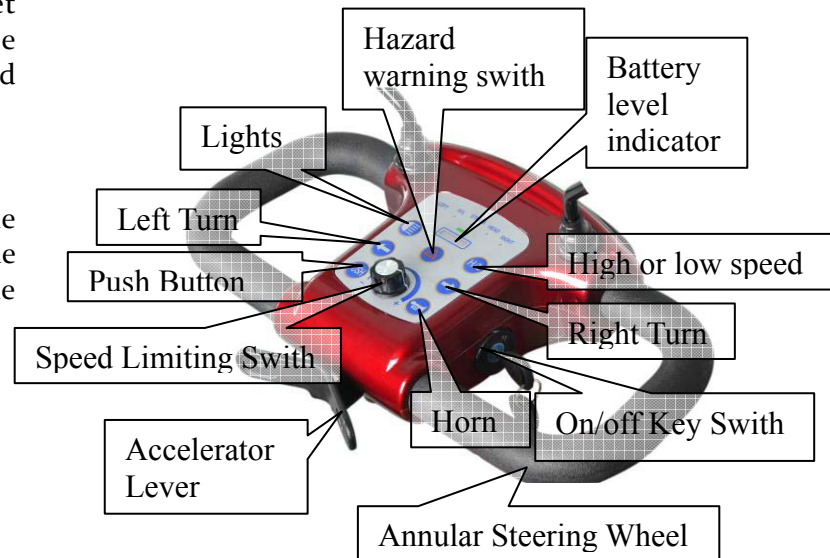
### Horn

A button with horn picture located on the control panel operates the horn.

### Accelerator Lever Controls

We use "V" accelerator, the right lever forward motion, and left lever for backward. Amount of pressure applied to each lever will determine the speed the scooter travels at. Release the lever and the scooter will slowly come to a stop.

### On/Off Key Switch



Insert the key in the right side of the tiller. Turn the key and the LED bars will light up. There is a delay before the accelerator lever can be operated, while the controller checks the circuits.

#### Indicator Switch

Operates turn indicator lights.

#### Hazard Warning Switch

Push button to operate all hazard flashers.

#### Electromagnetic Brake

The brake is automatically operated when the accelerator control levers are released. There is a slight delay when the scooter decelerates; this allows the scooter to come at a smooth stop.

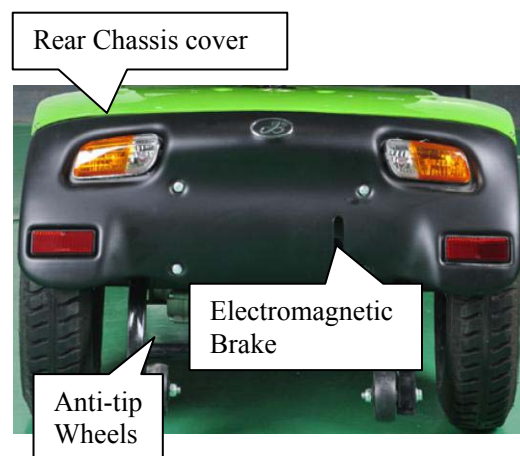
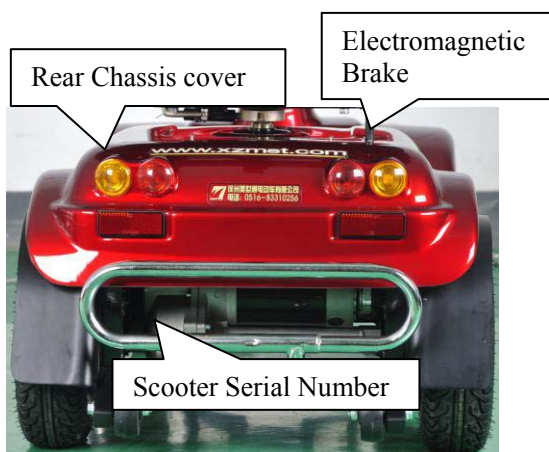
#### FREE WHEEL OPERATION

The free wheel lever allows you to put the scooter in neutral and push it. The free wheel lever is located toward the inside of rear wheel. To push the scooter (neutral), push the free wheel lever down. To put the scooter in gear (drive), lift the lever up. The scooter will not operate when the lever is down (neutral).

**WARNING!** For safety, always put the scooter into gear (lever up) after pushing or rolling scooter. Failure to do so may result in injury.

#### Anti-tip Wheels

The anti-tip wheels are located at the rear of the scooter frame. The scooter should not be used unless the anti-tipping wheels are in place.



## STARTING TO DRIVE YOUR SCOOTER

### Getting Started

1. You must charge your scooter completely before first time use(8-10hours).
2. Select a level area with plenty of space.
3. Mount the scooter, either by lifting the arm and sliding onto the seat or rotate the seat outwards, mount and then rotate the seat back to face the tiller.
4. Adjust the tiller and seat as previously described.

### Starting Scooter Movement

1. Ensure that you are seated in a comfortable position.
2. Turn the key to the ON position.
3. Your speed setting should be on 1 or 2.If equipped, set the speed high/low switch to low.
4. Pull/press the accelerator right lever, the scooter will move forward slowly. The further pull/press the faster the scooter goes but will only reach the speed level has been selected.
5. Release the lever and the scooter will slowly come to a stop as the magnetic brake is automatically applied.

### Steering

Steering the scooter is light and easy. Ensure when starting off you give a wide clearance when turning so that the rear wheels clear any obstacle that you are passing. When steering through limited spaces such as a doorway or when turning around, turn the tiller handles where you want to go and apply power gently. The scooter will turn very tightly, but will still move with complete stability as long as the speed is not too high.

### Reversing

Before reversing ensure that the area behind is free from any hazards or obstructions. Adjust your speed setting to a low setting before you reverse. Pull/press the left lever, and steer wide of all concerns and obstacles.

### Dismounting

Before dismounting ensure that the key is turned to the off position. Raise the armrest to slide off the seat or turn the swivel seat outward.

*CAUTION: Please ensure that care is exercised when mounting or dismounting the scooter and that the tiller ,seat back and foot rest are not used of support. For support, use the arm rests.*

## EXTRA GUIDELINES IN THE CONTROL OF YOUR SCOOTER

### Ramps

The stability of your scooter is governed by several factors such as the seat position, the angle of slope, your height and weight. When approaching an incline, do so directly and not at an angle and whenever possible avoid making turns. When going down a ramp or slope keep the speed settings to low. This will ensure there is a safe controlled descent. When the accelerator levers are released the scooter will slowly come to a stop.

*CAUTION: Don't turn the key off while the scooter is in motion.*

## Grass and Gravel

Please follow the guidelines previously given and your scooter will perform admirably over many surfaces. Avoid long grass, loose gravel and sand.

*NOTE: You should not operate your scooter in wet weather or wet surface.*

## BATTERIES AND BATTERY CHARGER

All All Weather Heavy Duty scooters require two maintenances free, sealed lead acid batteries. Battery performance can be affected by temperature, terrain, condition of battery, the weight of the user, etc. The battery level indicator is only a guide and is most effective when the scooter is in drive, only then is the true battery discharge level displayed.

1. When the scooter stops the battery level indicator may indicate full (no load on batteries)
2. An active user can use up to 30% of battery capacity or more per day
3. Inactive users may only use 50% of battery capacity in a week
4. In both these instances the batteries should be put on charge over night

## Battery Charger

Batteries required for your scooter are specially designed. All Weather scooters require an All Weather automatic battery charger. These chargers have an electric switch that will terminate the charge when the batteries are fully charged. All Weather chargers rely on a specific minimum feed-back voltage signal from the batteries in order to begin the charging cycle. If the batteries are severely discharged, the chargers do not receive the required feed-back signal and the charger will not charge the batteries.

## Charging

To charge the batteries connect the plug lead into the battery-charging socket on the scooter tiller and the 3-prong A/C plug into the wall socket and the switch on. The battery charger has two lights (LED<sub>1</sub>&LED<sub>2</sub>), when the LED<sub>1</sub> is red constant shows the battery charger is connected. The LED<sub>2</sub> shows red when the batteries are receiving a charge and it's constant when the charge is complete.

*CAUTION: Always ensure that the charging lead is in good condition and has not been damaged or stretched.*

## MAINTENANCE

### Lubrication

At six-month intervals you should lubricate the following parts with a multipurpose grease or similar lubricant:

Seat pivot post.

Seat release lever pinion.

Clean and recoat axles lightly.

*CAUTION: DO NOT USE WD<sub>40</sub> TO LUBRICATE PARTS!! DO NOT LUBRICATE TRANSAXLE GEARS!! In the event of any difficulties please consult your provider.*

## Wheels and Tires

The wheels of your scooter have split rims. This allows any punctures to be repaired easily. To change the wheel remove the center bolt and slide the wheel off its axle. Ensure that when refitting the wheel the retaining bolt is fitted with a locking washer or the screw threads are treated with a lock or a similar adhesive. When changing a tire the inner tube must be inflated. Remove the four bolts from the wheel and split the rim. Tire pressure is recommended to be kept at 30psi on the rear tires and 25psi on the front.

### General Scooter Maintenance

Every six months check the tiller base bolts, wheel axle bolts, and arm rest angle adjustment bolts and tighten as necessary. Also check the seat and arm rest tightening knobs and tighten as needed.

### TROUBLE SHOOTING GUIDE

#### Circuit Breaker

Your scooter is fitted with the latest electronic controls that are programmed to protect the electrical system from abnormal overloads. Fitted for extra protection is a circuit breaker, should there be a situation that your scooter stops for no apparent reason please check that circuit breaker has not popped out or tripped. The circuit breaker can be found under the rear chassis cover accessible through port hole under the seat.

#### Check List

If you scooter fails to operate, please check the following:

- Unit is switched on.
- All plugs and connectors are firmly fixed.
- Battery level shows full charge.
- Freewheeling device is in the driving position (Lever down)
- Circuit breaker is reset.
- Battery fuses are not blown.

If the free wheel device has been operated with the scooter switched on, then the scooter will not operate until the ignition key has been switched off and then on again in order to reset the circuits.

Please consult your provider if your scooter does not run after checking these points.

UNIT SPECIFICATION		All Weather TM			
Overall Dimensions: L*W*H	mm	1560*700*1310			
Number Size of tires	Front	15'			
	Rear	15'			
Load weight capacity	kg	600 lbs			
Gross weight of scooter	kg	440 lbs			
Maximum Battery capacity	V/A	36V/10A			
Output power of motor	W	800W.1200W			
Charger		75AH/100AH			
Climbing	°	15°			
Range	miles	35 miles			



Turning Radius	Ft	4 ft		
Handle bars	Type	O/T Shape		

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

1. Length includes the Anti-tip wheel. Height from floor to seat(variable).
2. Driver weight may exceed weight of the unit; speed must be reduce when turning.
3. The actual driving range varies with the factors shown below:
  - a) the weight of occupant
  - b) ground surface
  - c) battery conditions
  - d) type of charger
  - e) ambient temperature
  - f) the way of driving
  - g) etc.