

# **SCOOTER USER'S MANUAL WITH** ELECTRICAL CHARGER

NOTE: The illustrations in the manual are for reference only. The illustrations may not reflect the exact appearances of the current product. Specifications are subject to change without prior notice.

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## Security and Admissions

AWARNING: Riding an electric scooter can be a dangerous activity. Certain circumstances may cause the components to fail without fault of the manufacturer. A Scooter can and has the intention of accelerating so that it is possible to lose control, fall and / or be in dangerous situations that can not be avoided even if care, instruction or experience is taken care of. If this happens, you may be injured or killed, even when using safety equipment and other safety precautions. DRIVE AT YOUR OWN RISK AND ALWAYS USE THE COMMON SENSE.

This manual contains many warnings and precautions about the consequences of not inspecting, maintaining or properly using the electric scooter. Since any accident can cause serious injury or even death, we will not repeat the warning of possible serious injury or death whenever this possibility is mentioned in this manual.

SUITABLE DRESS TO MOUNT

Always wear appropriate protective equipment such as:

• Safety helmet approved. (Hull may be legally required by local law or regulation in your area.) Elbow and knee pads.

Long-sleeved shirt, long pants.

• Sneakers with high laces and gome sole, never ride barefoot or with sandals, and make sure that the cords fit and stay out of the way of the wheels

and the drive system. PARENT USE AND SUPERVISION

THE SCOOTER PILOT SHOULD NOT EXCEED THE WEIGHT LIMIT OF 70kgs. Pilot weight does not always mean that a person's size is adequate to fit or maintain control of the scooter.

This manual contains very important safety information. It is your responsibility to thoroughly review this information and ensure that all drivers understand all warnings, cautions, instructions and safety issues and ensure that all riders are able to safely and responsibly use this scooter. Pulse advises you periodically to review and reinforce all information in this manual with all drivers, and to check and maintain your scooter to ensure your

The recommended age of the driver is 12 years or more. Any rider who can not fit comfortably on the scooter should not try to ride it. A parent's decision to allow their child to use the scooter should be based on the child's maturity, ability, and ability to follow the rules.

Do not touch the engine or the brakes of the motorcycle when in use or immediately after use as these parts can reach very high temperatures. Keep this scooter away from small children and remember that it is designed to be used only by people who feel at least completely competent and

comfortable while using this product. PARENT USE AND SUPERVISION

Check and respect local laws or regulations that may affect where the electric scooter may be used.

Always drive defensively. Beware of obstacles that may catch on your wheel and force you to turn abruptly or lose control. Be careful to avoid pedestrians, other obstacles (such as skaters, scooters, scooters, etc.), children or animals that can get in your way. Always respect the rights and property of others.

Do not activate the speed control on the handle unless it is on the motorcycle and in a safe, outdoor environment that is adequate to withstand the abuse of jumping, skidding or any other type of misuse or pirouette. Hold the handlebars with both hands at all times.

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## **Repair and Maintenance**

Strap and Rear Wheel Replacement



1. Using a 4mm hex wrench, remove the 4 2. Loosen the caliper nut of the brake cable bolts from the rear axle cover on both sides with a 10mm wrench. of the scooter.

4. Note the location of all rear wheel

correctly.

equipment and be sure to reinstall all items





slightly out of the frame so there is enough space to remove / replace the belt in the motorcycle gear. Replace the spacers and retighten the feet.

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3. Remove the brake arm with a Phillips screwdriver and 8mm wrench. Using two 3mm wrenches loosen the rear axle wheel nuts and adjusting washers and slide the strap out of the rear wheel pulley. Pull the wheel toward the rear of the frame.



5. If replacing the belt, remove the enginebolts with a 5mm hex wrench. Slide the engine6. Install the spare wheel into the frame and slide the belt back onto the pulley. Do not tighten the axle nuts yet. Install lever braking equipment, do not adjust yet.

## **Repair and Maintenance**

# Strap and Rear Wheel Replacement







9. Re-tighten the brake cable nut slightly with a 10mm wrench. Refer to page 7 for

proper adjustment.

. Ensure that the adjusting washers are correctly positioned against the frame. After tightening the axle nuts with a 13mm wrench check the alignment of the wheels and the tread of the belt by turning the wheel



the belt. Refer to the instructions on page

10. Reinstall the side covers with a 4mm Allen key. Do not over tighten the screws.



8. Retighten the brake arm bolt with a Phillips screwdriver and 8mm wrench. in the opposite clockwise direction by hand. You may need to adjust the washers to align

# Safety and Warnings

Never allow more than one person to ride the scooter.

Never use near steps, water or swimming pools.

Keep fingers and other body parts away from the belt, engine, steering system, steering wheels, and all other moving parts.

Never drive while using a cell phone or headset.

Never tow the scooter to another vehicle or pull anyone or anything.

Never immerse the scooter in water, electrical and transmission components can be damaged by water or other possible risk situations. Mount only on flat and dry surfaces such as pavement or flat floor, without loose material such as sand, leaves, stones or gravel. Water, mud, ice, bumps, uneven, slippery or uneven surfaces can affect traction and contribute to a possible loss of control. Avoid excessive speed that can occur from descents that can cause the loss of control.

Do not drive at night or in areas with limited visibility.

Do not mount in enclosed areas or on potentially damaging surfaces such as carpets or floors.

Before riding, you should check the following for the scooter:

Make sure the brake system is working properly.

• All components are properly fastened and are operating according to manufacturer's specifications.

 Components must be maintained and repaired in accordance with factory-authorized replacement parts with installation performed by dealers or other qualified individuals. USING THE CHARGER

The charger should be checked regularly in case of damage to the cable, plug, cover or other parts. In the event of such damage, the scooter must not be charged until the charger has been repaired or replaced.

Use only with the charger recommended by the supplier.

Always be careful when loading.

The charger is not a toy and should be operated by an adult.

Never operate the charger near flammable or liquid materials.

Disconnect the charger and unplug from the scooter with caution not in use.

Do not exceed recommended charging time.

Always disconnect the charger from the scooter before washing or cleaning with any liquid.

LACK OF ATTENTION TO PREVIOUS LIST WARNINGS INCREASE THE POTENTIAL RISK OF SERIOUS INJURY POTENTIAL. APPROPRIATE USE OF ATTENTION WHEN MOUNTING AND ALWAYS USE PROTECTIVE EQUIPMENT.

Before starting

# ▲ WARNING: Remove all packaging and items from the display box. Make sure the ignition switch is in the "OFF" position before assembling the scooter.

Estimated Assembly Time

#### Allow up to 25 minutes for the milling, not including the initial loading time. Allow a maximum of 8 hours for the initial charge (see page 5 to load the information).



# **Tools needed**

£; °		ē:	
10mm / 8mm wrench (included)	4mm hex wrench (not included)	Destroyer (included)	
15mm / 13mm wrench (included)	5mm hex wrench (included)		
2 (two) 13mm wrench (not included)	2.5mm hex wrench (included)		
	second 5mm hex wre (not included)	ench	

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Page 2

# **Repair and Maintenance**

## Adjusting the Strap

Tools required: 4mm hex wrench, two 13mm wrenches, 10mm wrench, Phillips screwdriver.



1.With a 4mm hex wrench remove the 3 screws on the protective cover on both sides of the scooter.



4. Make sure the wheel is aligned in the frame 5. Reinstall the side covers with a 4mm Allen and tighten the two axle nuts with a 13mm key. Do not overtighten the screws. wrench. Retighten the brake arm thyger with a Phillips screwdriver and 8mm wrench.



2. Loosen the brake arm pemo with a Phillips screwdriver and 8mm wrench. Using two 13mm wrenches loosen the wheel nuts on the rear axle.



3. Turn the adjusting washers against the frame eyelash to increase or decrease the belt tension. The recommended belt tension is based on being able to bend the belt by

approximately 90 degrees.

\_\_\_\_ Care and Disposal of the Battery

**Repair and Maintenance** 

Front Wheel Replacement

Tools required: Two 5mm hex wrenches

Do not store the battery in temperatures above 70 ° F (21 ° C) or below 32 ° F (0 ° C).



the left.

THIS SCOOTER CONTAINS PLNO-ACID SEALED BATTERIES TO BE RECYCLED IN ACCORDANCE WITH ITS OCAL AND STATE LAWS. PLEASE READ CAREFULLY AND UNDERSTAND THE INSTRUCTIONS FOR YOUR

Disposal: This product contains sealed lead-acid batteries that must be disposed of or recycled in an environmentally sound manner. Do not dispose of batteries in the household waste. Do not dispose of batteries in a fire as this may cause battery leakage or explode. Incineration, landfill disposal, and placement of lead-acid batteries sealed with household waste is prohibited by law in most areas. Return used batteries to an authorized battery lead-acid recycler or consult your local vehicle battery dealer.

AWARNING: Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or hargeable (nickel-cadmium) batteries o not store the battery in temperatures above 70 ° F (21 ° C) or below 32 ° F (0 ° C).

1. Using two 5mm hex wrenches loosen and 2. Reinstall the spare wheel verifying the





3. Reinstall the parts and tighten with a 5mm remove the front axle by turning the keys to order to ensure the location of all components. hex wrench in a clockwise direction.

# Assembling

Handlebar Tube Assembly -



is aligned with the steel blade



1. As can be seen in the picture, the front fork 2. Adjust the triangle in the front bracket, turn it in a spiral shape and secure it



a) on the steering handle tube clamp (b) install the handlebar clamp and hardware (c & d) and tighten evenly and securely with the 5mm hex wrench and one 10mm wrench.

## ssembling

Charging the battery

A WARNING: Batteries must be fully charged before operating your electric scooter.

Required components: Charger

 Initial battery charge time 8 hours. Charge after the first charge up to 6 hours.



1. Make sure that the switch is in the off position before plugging in the charger. Insert the charger into the charge close on the right side of the battery case.



2. Plug the charger into a wall outlet. The light on the charger case will illuminate. The red LED light indicates that the bay is charging and the green LED indicates that the battery is fully charged.

A WARNING: Do not use this product for the first time until you have loaded the bacteria for at least 8 ailure to follow these instructions may damage the product and void the warranty. Note: The charger has a small window with two LED lights indicating the charging status. Refer to the illustration of the status of the charging unit for when charging and charging. The charger may become warm during use, which is normal and is not a cause for concern. Note: Batteries must be recharged at least once a month, even when the scooter is not being used. Failure to do so may result in your batteries no longer recharging.

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**Repair and Maintenance** 

# Charger

Use only the supplied battery charger. If the charger is damaged, stop using it immediately and replace it with a charger Press recommended.

Wheel

Wheels and components of the transmission system are subject to normal wear and tear. It is the responsibility of the user to periodically check the wheels for wear and to adjust and replace the components of the drive train as necessary.

Issue	Possible cause	Solution	
Scooter does not walk.	The bacteria is not loaded.	Fully charge the battery. First charge should be 8 hours and up to 6 hours of recharge.	
	The cables or connectors are I oose or disconnected.	Check that the charger is properly plugged into the wall and motorcycle.	
Scooter running time is short.	The battery needs to be charged.	Fully charge the battery. The last charge should be 8 hours and up to 6 hours of recharge.	
		Check that the charger is properly plugged into the wall and motorcycle.	
	The battery does not accept full charge.	Make sure the power flow to the mains outlet is on.	
		The battery may need to be replaced. Even with proper care, rechargeable batteries do not last forever. The average life of the rechargeable battery is 1 to 2 years, depending on the conditions of the scooter and use. Use only the spare batteries in the Pulse.	
	The brakes are not properly adjusted.	Refer to the brake adjustment instructions on page 7.	
The scooter stops working suddenly.	The circuit breaker tripped.	The reset button (on the left side of the battery case) will automatically fire and shut off if the motor is overloaded.	
		Excessive overload (steep slope or too much weight of a user) could have caused the motor to overheat and trip the switch. If this happens (scooter suddenly stops working) wait a few seconds and then press the reset button to restart the circuit. Avoid repeatedly tripping the switch.	
		Berify all connectors and cables to ensure they are connected and adjusted.	
Scooter runs slowly	The brakes are not set correctly.	Refer to the brake adjustment instructions on page 7.	
	Scooter is overloaded.	Be sure not to overload the scooter with more than 154lbs (70kg), maximum weight limit, steep slopes or towing objects behind the motorcycle. Avoid overloading the scooter, as the batteries and components used will wear out before long.	
	Inappropriate conditions of use	Mount only on solid, flat, clean and dry surfaces such as pavement or level gro	

## Equipment Maintenance

## Check that the brakes are working correctly. When pressing the lever, the brake must provide a positive braking action. When applying the brake with the speed control on, the brake switch must stop the engine. Make sure the brakes are not skidding.

## Frame, Fork and Handlebar

Check for cracks or broken connections. Although it is rare for frames to break, it is possible for an aggressive driver to crash into a curb or wall and double or break the frame. Acquire the habit of inspecting your motorcycle on a regular basis.

# Wheel

Periodically inspect the wheels for excessive wear. Safety equipment

Always wear the appropriate protective equipment as an approved safety helmet. Elbows and knee pads are recommended. Always wear athletic shoes (high-laced sneakers with rubber soles), never ride barefoot or with sandals, and always keep the laces tied and away from the wheel system, engine and u

#### Battery

Make sure that the power switch is off when the motorcycle is not in use. Never store the product in temperatures below freezing or below freezing. If it freezes, the battery will be permanently damaged.

## Before mounting

#### Before mounting always check the following:

#### Safety equipment

Always wear appropriate protective equipment such as • Safety helmet approved. (Hull may be legally required by local law or regulation in your area.)

#### Elbow and knee pads. Long-sleeved shirt, long pants.

Gloves.

#### High-heeled shoes with rubber sole. Brake

Check the brakes are working properly. When tightening the brake lever, the rear wheel must be reduced / stopped without undue strain. When applying the brake with the accelerator on the brake switch must stop the engine. Make sure that the brakes are not skidding when the lever is not being tightened. Do not ride the scooter if the brakes are not working properly.

#### Throttle

Once the ignition switch is in the "ON" position, the scooter will move when the throttle is twisted. Make sure that before the throttle is twisted that you are in an open and safe place to walk, that this in balance on the motorcycle and have both hands on the handles of the handlebar.

#### Wheel

Inspect wheels for excessive wear and replace if necessary.

### Frame, Fork and Components

It is always important to check your scooter before driving. Check if it is cracked, or have worn, broken or loose components that need to be repaired or replaced before driving.

### Battery

Always make sure that the ignition switch is in the "OFF" position when the motorcycle is not in use. Never store the product in freezing or below freezing temperatures. These low temperatures will permanently damage the battery.

▲ WARNING: Always make sure you are in the open area safe for walking before you press the throttle. Never tell the accelerator without being on the bike in a balanced way, ready to mount in position with both hands on the handlebar controls. t is always important to check your scooter before driving. Check for cracked, broken, worn or loose ponents that must be repaired or replaced before driving.

### **Repair and Maintenance**

### A WARNING: Turn the power switch to "OFF" before performing any maintenance procedure.

Adjusting the brakes



1. To adjust the brake cable wire, turn the adjuster drum on the brake lever clockwise (to loosen) or anti-clockwise (to tighten). Adjust the drum in small increments to the desired setting. If the brake still requires adjustment, proceed to the next step.



2. If the brake cable is still too tight, use a 10mm wrench to tighten the brake cable for additional adjustment on the cable. Make sure that the 10mm nut is tightened after adjustmen

▲ WARNING: The brake may be capable of engaging and dragging the rear wheel if no motorcycle is applied and may cause damage to the rear tire. Practice using the brake in an open area without stacles to become familiar with its operation and can make smooth and controlled stops.

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