

OWNER / OPERATOR'S MANUAL



ELECTRIC SCOOTER



CAUTION: Read and understand this manual thoroughly before operating and handling the AEROWHEELS Scooter. Please follow All safety procedures and warnings to reduce risk of electric shock!

WARNING:

24V electric operated toy!

Not recommended for children age under 7 years old.

Table of Contents

ITEM IDENTIFICATION	PAGE 1
SAFETY WARNINGS	PAGE 2
ADJUSTMENTS AND OPERATION	PAGE 3-7
UNFOLDING AND FOLDING	PAGE 3
HANDLEBARS	PAGE 3
FOOT OPERATED POWER SWITCH	PAGE 4
FOOT OPERATED MECHANICAL BRAKE	PAGE 4
RANGE AND SPEED	PAGE 4
STEERING ADJUSTMENT	PAGE 4
CHARGING	PAGE 4-5
SCOOTER OPERATION	PAGE 5
REMOVABLE PLATFORM, BATTERY ACCESS	PAGE 6
DRIVE BELT ADJUSTMENT, REPLACEMENT	PAGE 6
BATTERY INFORMATION	PAGE 7
TROUBLESHOOTING GUIDE	PAGE 8
GENERAL INFORMATION	PAGE 9

Introduction

Thank you for your purchase of the Electric Scooter.

The scooter will provide you with hours of fun and help you get some exercise, something we all need today. The scooter is an environmentally friendly mode of transportation since it is pollution free and whisper quiet. The scooter costs only few cents a day to operate and is completely portable with the quick fold mechanism. You can store it in the car and take it with you on the train, or bus!

Your scooter will provide best results on a smooth and flat terrain. You can always assist your scooter, especially by push kicking like a traditional push powered scooter. Please be sure to operate your scooter safely and be aware of pedestrians. Be observant of all local and state laws involving scooter usage.

Pay attention to ALL safety warnings and cautions noted within this manual.

Item Identification

Before operating, familiarise yourself with these items (see fig. 1)



Safety Warnings

Before you attempt to ride the scooter please read and ensure you understand the following.

- Never ride the scooter on public streets or roads. Check local ordinances where riding is permissible.
- The minimum age recommended for riders is 14 years old. Maximum rider weight is 70 kg.
- Always wear an approved safety helmet when riding. Be cool... be safe.
- Wear shoes when riding. Never go barefoot.
- Avoid riding on gravel, sand, grass, slick or wet surfaces. The scooter is designed to be used on smooth dry surfaces.
- Never ride the scooter over curbs or jumps. This scooter is not designed for this type of riding. The retailer, distributor, importer and manufacturer will not be responsible for any injuries to the rider or damages to the scooter that occur from these types of activities.
- Power is at full when foot operated power switch is engaged. Be prepared.
- The brake is designed to control speed as well as stopping.
- Never ride the scooter with more than one person. Multiple riders could lead to loss of control.
- Keep hands, feet, hair & shoestrings away from moving parts.
- Never leave children unattended with the scooter. This could lead to potential hazards.
- Familiarise yourself with the scooter and check all fasteners for tightness before each use.
- Do not store batteries near high temperatures - batteries can explode.
- Do not expose charger to moisture or use if damaged. Regularly check the cord, plug and enclosure for any damage. The charger must not be used until the damage is repaired.
- Never operate scooter while it is impaired.

CAUTION: IT IS RECOMMENDED TO ALWAYS PUSH START THE SP007 TO REDUCE THE START LOAD ON THE MOTOR. YOUR SCOOTER WILL HAVE A MUCH LONGER LIFE WITH PUSH ASSISTANCE.

CAUTION: ELECTRICALLY OPERATED TOY! RECOMMENDED TRANSFORMER MUST BE USED.

CAUTION: THE TRANSFORMER IS NOT A TOY! RISK OF ELECTRIC SHOCK!

CAUTION: CHARGER FOR DRY LOCATION AND INDOOR USE ONLY.

Adjustments and Operation

FIG. 2

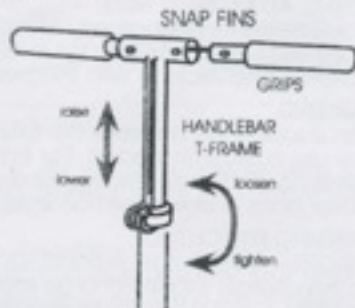
ADJUSTMENT
LIFT QUICK
RELEASE
HANDLE



UNFOLDING AND FOLDING

Your scooter is shipped in the folded and locked position. To unfold, lift the quick release handle on the opposite side. This is an adjustable spring loaded handle (fig. 2). Turn the spring loaded handle. This will allow you to lift the handlebars to the upright position. Lock the spring loaded handle into the small round guide hole. Clamp down the quick release handle. Check for a secure lock. Reverse this procedure to fold. There is a tightness control adjustment nut on the spring loaded handle.

FIG. 3



HANDLEBARS

Insert grips into handlebar T-Frame as shown in fig. 3. Be sure that snap pins fit into, and lock, the small holes in the top of the T-Frame. With the handlebars in the upright and locked position, and the rider standing on the platform with ONE FOOT ON THE BRAKE, adjust the handlebar height to just below the rider's waistline. This is accomplished by loosening the height adjuster (fig. 3) while holding onto the handlebars...move the handlebars to the desired height and tighten height adjuster. Be sure height adjuster is tight.

Adjustments and Operation

POWER SWITCH

The scooter is equipped with a power switch located towards the front of the scooter platform (fig. 1). When depressed, the power is on and the motor and rear wheel causes the scooter to move forward.

HAND OPERATED ACCELERATION

This scooter is equipped with a hand-operated accelerator located on the right hand side of the handlebars. Use the four fingers to depress or release, with the other fingers on this side of the handlebars, to control the magnitude of the acceleration.

HAND OPERATED MECHANICAL BRAKE

The rear wheel brake is engaged by depressing the brake spike located on the left hand side of the handlebar, by four fingers of the left hand, with the thumb on the handlebar. This is a friction brake. The harder it is pressed the more braking action will be applied on the rear wheel. This brake has a micro device that will deactivate the power of the motor simultaneously.

RANGE AND SPEED

When fully charged the scooter will cover approximately 15 km on level ground with a 70 kg rider. Top speed is approximately 15 kph with a 70 kg rider on level ground and calm winds. NOTE: These figures are estimates only, they will vary.

STEERING ADJUSTMENT NUTS.

You will need to periodically check your steering for play or looseness. The steering tightness can be adjusted by turning the round hand nut clockwise and locking with the hex nut (fig. 1).

CHARGING

When shipped the batteries are fully charged. Charging the batteries after every use is recommended. For extended battery life, DO NOT discharge batteries completely before recharging. Follow this simple rule: When the scooter starts to slow down on level ground, it's time to recharge.

CHARGING PROCEDURE

IN ORDER – With charger in hand, locate the charge socket under the scooter. Plug the charger into the charge socket. Next, plug the charger into the standard 110/220-Volt electrical outlet. Charging temperature 10 to 35°C. **DO NOT OVER CHARGE (SEE CHART)**. When finished unplug charger from wall outlet then scooter, and replace cap over charge socket.

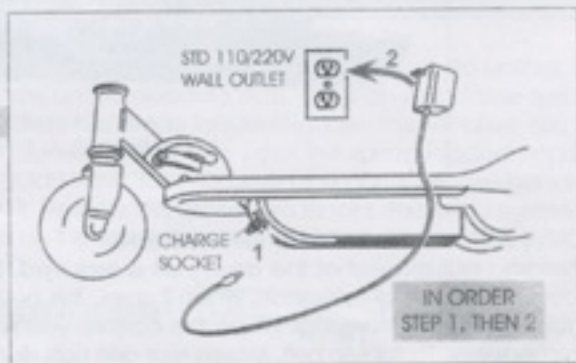
IMPORTANT

To insure that the batteries are fully charged between uses but are not over-charged, please follow the recommended charging times. Battery overcharging does not result in longer run times, but merely damages the batteries and reduces their lifespan.

POWER USE CAN VARY DEPENDING ON RIDER. TIMES ARE RECOMMENDED AVERAGES.

Scooter Usertime (battery discharging)	Charging Time (Don't overcharge)
0 - minutes	4-6 hours
20 minutes	6-8 hours
30 minutes	8-10 hours

FIG.4



SCOOTER OPERATION

ALWAYS WEAR AN APPROVED HELMET, EYE PROTECTION, SHOES AND FOR INEXPERIENCED RIDERS, WE RECOMMEND GLOVES, KNEE AND ELBOW PADS.

Before riding, be sure to have a clear unobstructed level path ahead of the rider. Firmly grab the handlebars with both hands, place one foot onto the platform. Go ahead and push off with the other leg like a regular scooter. Simultaneously engage the motor by simply depressing the accelerator located on the right hand side of the handlebars. You will feel the power of the motor as you begin to raise the other leg off the ground. To disengage or slow/stop, depress the brake located on the left hand side of the handlebar. As you become a more skilled rider, you will use a combination of brake and power to achieve optimum operation. Be sure to recharge the batteries after using.

Adjustments and Operation

REMOVABLE PLATFORM

The platform is removable to gain access to the batteries. Simply remove the four deck screws with a Phillips screwdriver (fig. 5) and lift off the platform. Reverse procedure to replace platform.

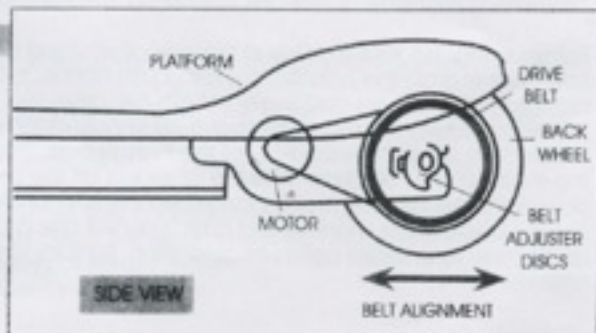
FIG.5



DRIVE BELT ADJUSTMENT AND REPLACEMENT

Periodic adjustment of the drive belt is required. The belt will become loose after hours of operation. When it does, the belt will make a popping noise while accelerating. When this occurs, you must tighten drive belt immediately. To tighten belt, loosen rear axle nuts slightly and rotate the belt adjuster discs equally (fig. 6). Tighten axle nuts and recheck belt tension.

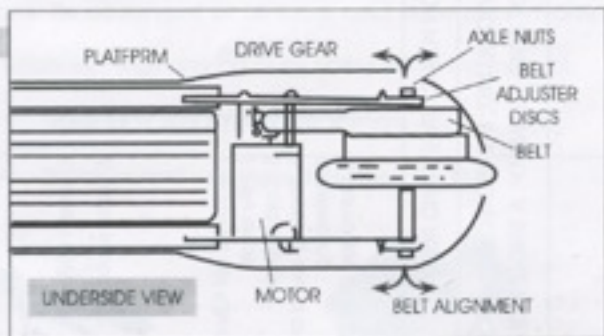
FIG.6



DRIVE BELT ALIGNMENT

If you experience either the drive belt coming off the drive gear or wheel gear and/or rubbing against the scooter frame, there most likely is belt misalignment. To re-align carefully place upside down on a sturdy surface (table, stool, etc.) and determine the direction of belt side movement (fig. 7). You will need to move the rear wheel left or right slightly to re-align. To do this loosen axle nuts slightly and rotate belt adjuster discs. Tighten axle nuts and check alignment by engaging power. Recheck alignment after riding; readjust if necessary.

FIG.7



Important Battery Information

BATTERY CARE

1. Store the scooter and charge batteries at a temperature between 10 and 35°C. The higher the temperature, the faster the batteries will self-discharge. Try to keep your batteries charged. Inspect batteries occasionally and keep the terminals clean and the connections tight.
2. Handle your batteries and charger with care. DO NOT OVERCHARGE, SEE CHARGING TIMES CHART.
3. We suggest that you purchase additional batteries for extra power requirements.

PROBLEM	POSSIBLE	ACTION
Motor does not start:	<ol style="list-style-type: none"> 1. Batteries are not connected 2. Batteries are drained 3. Electrical fault 	<ol style="list-style-type: none"> 1. Check connectors 2. Charge Battery 3. Check all connectors
Rear wheel doesn't turn:	<ol style="list-style-type: none"> 1. Broken drive belt 2. Motor problem 	<ol style="list-style-type: none"> 1. Release Throttle and wait a few minutes to cool 2. Rider needs to assist more, push kick
Insufficient Range:	<ol style="list-style-type: none"> 1. Batteries not fully charged 2. Hilly terrain 3. Cold batteries 4. Popping sound on accelerating 5. Damaged or old batteries 	<ol style="list-style-type: none"> 1. Charge batteries 2. Push, kick more 3. Warm batteries 4. Tighten drive belt 5. Replace batteries

WARNING: DO NOT RIDE ON PUBLIC STREETS AND ROADS.

ALWAYS WEAR AN APPROVED HELMET, EYE PROTECTION, SHOES AND APPROPRIATE SAFETY GEAR. THE SCOOTER IS DESIGNED FOR AGES 10 AND UP, A SINGLE RIDER AND NOT TO CARRY MORE THAN 000kg

General Information

Thank you for reading this manual.

REMEMBER ALWAYS RIDE SAFELY AND ENJOY YOUR RIDING!

We are always looking to improve our products and we welcome your comments. Again, thank you for purchasing this electric scooter.

