



## SAFETY GUIDELINES



**WARNING!** An authorized Pride Provider or a qualified technician must perform the initial setup of this power chair and must perform all of the procedures in this manual.

The symbols below are used throughout this owner's manual and on the power chair to identify warnings and important information. It is very important for you to read them and understand them completely.



**WARNING!** Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage, or malfunction. On the product, this icon is represented as a black symbol on a yellow triangle with a black border.



**MANDATORY!** These actions should be performed as specified. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol on a blue dot with a white border.



**PROHIBITED!** These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a black symbol with a red circle and red slash.

### INTENDED USE

The intended use of this Pride Mobility Products device is to provide mobility assistance to persons with mobility impairment who have the capacity to operate a motorized mobility power chair.

### Regarding Devices for Prescription USE



**CAUTION!** Federal law restricts this device to sale by or on the order of a physician or other certified personnel licensed by the law of the State (US only) or region in which this personnel practices to use or order the use of the device.

### Quick Reference Information

Authorized Pride Provider: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Purchase Date: \_\_\_\_\_

*NOTE: This owner's manual is compiled from the latest specifications and product information available at the time of publication. We reserve the right to make changes as they become necessary. Any changes to our products may cause slight variations between the illustrations and explanations in this manual and the product you have purchased. The latest/current version of this manual is available on our website.*

*NOTE: This product meets IPX4 classification (IEC 60529).*

*NOTE: This product and its components are not made with natural rubber latex. Consult with the manufacturer regarding any after-market accessories.*

Fusione Manual  
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## 1. INTRODUCTION

WELCOME to Pride Mobility Products. The Fusione power chair you have purchased combines state-of-the-art components with **safety**, comfort, and styling in mind. We are confident that these design features will provide you with the conveniences you expect during your daily activities. Once you understand how to **safely** operate and care for your power chair, it should give you years of trouble-free operation and service.

**Read and follow** all instructions, warnings, and notes in this manual before attempting to operate your power chair for the first time. You must also read all instructions, warnings, and notes contained in any supplemental instructional booklets for the controller, front riggings, and/or seating system that accompanied your power chair before initial operation. Your **safety** depends upon you, as well as your provider, caretaker, or healthcare professional in using good judgement.

If there is any information in this manual which you do not understand, or if you require additional assistance for setup or operation, please contact your authorized Pride Provider. **Failure to follow the instructions in this manual and those located on your power chair can lead to personal injury and/or damage to the power chair and may void the warranty.**

The Fusione power chair is classified as a category B vehicle under the European power chair standard EN 12184. It is intended for the use of people of all ages who may have difficulty walking distances or for periods of time. It is ideal for outdoor use and suitable for users up to 150kg (330 lbs.) in weight. Differing user weights can cause performance variation. The power chair is designed to be driven on footpaths and to crossroads.

Fusione has been manufactured to comply with the requirements of the Medical Device Directive 93/42/EEC, and the Medical Device Regulation EU MDR 2017/745, the radio interference requirements of EEC Directive 89/336/EEC and the battery charger requirements of EEC Directive 73/23/EEC and 89/336/EEC. Electro-Magnetic fields, such as those emitted by shop alarms may be disturbed by use of the power chair. The function of the power chair may also be disturbed by Electro-Magnetic fields emitted by shop alarms.

We are dedicated to providing products of exacting quality that conform fully and reliably to the requirements of their intended use. The manufacturer is BS/EN ISO 9001 accredited, which is the internationally recognized standard for quality management systems. This approval ensures we provide quality in all areas of our business from development through to final delivery. Should you require any further assistance then please contact your local Pride dealer.

## **PURCHASER'S AGREEMENT**

By accepting delivery of this product, you promise that you will not change, alter, or modify this product or remove or render inoperable or unsafe any guards, shields, or other safety features of this product; fail, refuse, or neglect to install any retrofit kits as needed and as provided by Pride to enhance or preserve the safe use of this product.

## **SHIPPING AND DELIVERY**

Before using your Fusione power chair, make sure your delivery is complete as some components may be individually packaged. If you do not receive a complete delivery, please contact your authorized Pride Provider immediately. Where damage has occurred during transport, either to the packaging or content, please contact the delivery company responsible.

***NOTE: If you ever lose or misplace your copy of this manual, contact us and we will be glad to send you a new one immediately.***

## 2. SAFETY

**DO NOT OPERATE THE POWER CHAIR BEFORE READING AND UNDERSTANDING THIS INSTRUCTION MANUAL.**

**IF YOU ARE IN DOUBT ABOUT THE MEANING OF THESE INSTRUCTIONS, OR ANY OF THE CAUTIONS AND WARNINGS, PLEASE CONSULT YOUR HEALTHCARE PROFESSIONAL, DEALER OR RELEVANT TECHNICAL PERSONNEL.**

**FAILURE TO FULLY UNDERSTAND THE POWER CHAIR OPERATION MAY RESULT IN AN UNEXPECTED RESPONSE FROM THE EQUIPMENT WHICH CAN IN TURN LEAD TO POSSIBLE INJURY OR DAMAGE.**

### NOTES

Warning and Caution notices used in this manual, apply to hazards and unsafe practices that could result in personal injury or damage to property.

### WARNING

We supply an extensive range of power chairs to meet the varying needs of individual users. It is the responsibility of the individual user and their healthcare advisor qualified in making such choices, to decide which power chair is suitable for the user's intended purpose.

With regards to restraints, seat positioning straps, posture correction or other positional aids and accessories, it is the obligation of the qualified healthcare professional in conjunction with the dealer to ensure the suitability of such equipment for the safe operation of the power chair.

Serious injury can occur in the event of a fall from a power chair.

For motor vehicle occupancy, the safest alternative is for an individual to be seated and properly secured in a motor vehicle manufacturer designed and installed seating system complying with international standards governing motor vehicle design and safety. Recognizing, however, that many individuals suffering mobility impairment are practically incapable of transferring to an automobile seat for automotive transport, international legislation, enacted with the support of advocates for the disabled and industry stakeholders, have adopted ISO 7176-19 as a crash worthiness testing standard for occupied transfer of mobility devices. Fusione has been tested and successfully passed the ISO 7176-19 for four-point tiedowns.



**Read and follow the information in the owner's manual.**



**Locked and in drive mode.**

**Place unit on level ground and stand to one side when changing from drive mode to freewheel mode or freewheel mode to drive mode.**

**Unlocked and in freewheel mode.**



**Class II device.**



**Power Chair information label**



**Manufactured in**



**Do not remove the anti-tip wheels.**

### 3. QUICK START GUIDE

#### **Assembly**

When lifting always keep the back straight, bend the knees and use the lifting handles provided.

Ensure your freewheel mechanism is fully engaged, so your power chair cannot move while assembling.

Lift the seat onto the seat post and press down to ensure it is fully engaged.

#### **Battery Charging**

The battery **MUST** be charged for 12 hours before first use. Do not be tempted to use the power chair unless the battery has been fully charged as failure to do this will result in battery damage.

Connect the battery charger to the mains supply and the charging socket located on the battery pack. Switch on the mains supply and then switch on the battery charger. RED light = Power On, YELLOW Light = Charging and GREEN Light = Charge Complete. Charge the power chair overnight after each use to maintain battery condition.

If you are in any doubt then please turn to pages 20 and 21 of this manual.

#### **Typical Use**

Designed for use on footpaths, for crossing roads and shopping. It should not be driven through mud, water, snow, sand, loose gravel, long grass, or any other unsound surfaces.

#### **Control Functions**

Your power chair is equipped with the following features that can be found on the tiller fascia panel:

On/ Off Switch, Alarm, Speed Control, head Light, Handle bar, Charging port, power and Directional Control Levers.

If you have previously used or owned a power chair before you **MUST** still read the Owner's Manual carefully to fully understand the controls and safety warnings.

If you are in any doubt of their functions then please turn to pages 12 and 15 of this manual.



## Transporting

Your power chair can be disassembled for transportation (no tools needed):

1. Power off
2. Pull the black strip on the back, so that the latch heads protruding from the fixed plate on both sides exit the fixing plate. Fold the seat down.(8-2)



8-2



8-4

3. Legrest can be removed if there is little room to move. Hold the upper part of legrest (like picture 8-4), make the pin out of hole and lift legrest up.
4. Place the power chair into the trunk

### TIP

To reassemble the power chair, please reverse the sequence above.

### Important

When reassembling the power chair, remember to re-install the battery locking bar; failure to do so may result in the batteries disengaging during use.

Always secure your power chair parts before transportation. Remember to engage the drive unit by pushing the freewheel lever forwards to stop the power chair from moving.

## 4. FEATURES



<b>Model</b>	Fusione
<b>Weight capacity (KG)</b>	≤150 kg / 330 lbs.
<b>Input power (VA)</b>	≤450
<b>L(mm)</b>	1050±30
<b>W(mm)</b>	630±30
<b>H(mm)</b>	1080±30
<b>NW(kg)</b>	96±5
<b>Backrest folding angle</b>	≤125
<b>Armrest distance (mm)</b>	380mm – 558mm
<b>Max speed</b>	≤6 km/h
<b>Level ground braking</b>	40mm
<b>Max. driving gradient</b>	≤3.6m (6°)
<b>Max. safe slope</b>	9°
<b>Static stability</b>	≥9°
<b>Dynamic stability</b>	≥6°
<b>Climbable obstacle height</b>	≥60mm
<b>Wedge width</b>	100mm
<b>Turing radius</b>	641mm
<b>Driving range</b>	≥20km
<b>Battery capacity</b>	40Ah
<b>Voltage</b>	DC 24V

## 5. INSTALLATION AND ADJUSTMENT

Before unpacking, please make sure that the appearance of the carton has no obvious damage or crushing; it should list serial number and other related products.

- (1) When opening the main body carton to pick up the power chair, keep the back straight and bend the knee;
- (2) Check that your rear wheel brake lever is locked;
- (3) Let two people take the main body from the packing box and put it on the ground;
- (4) Lift the backrest from the folded state then pull the black strip on the back, so that the latch heads protruding from the fixed plate on both sides exit the fixing plate. Turn the backrest, adjust to the required angle, loosen the black strap, and then make the plug head be completely ejected from the hole of the fixing plate. The sides are kept consistent. The angle of the backrest can be adjusted as needed (Figure 8-1, 8-2).

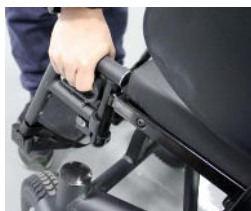


8-1



8-2

- (5) Open the seat box and take the seat out of the carton and install it on the power chair.



8-4



8-5



8-6



8-7

- (6) Take out the pedals, install them and tie the leggings (8-4)
- (7) Remove the handrail, install the left and right handrails, and use the Allen key (included) tool to tighten the headless screws under the armrests. (8-7)
- (8) Insert the rear tube of the controller into the right-hand tube (left) and adjust it to the appropriate position (8-5); tighten the fastening bolts, connect the harness connector of the upper control handle to the main connector, and turn on the power supply to test whether the power chair powers up (8-6).

## **ADJUSTMENT**

### **(1) Controller self-locking**

1. Turn on the power, holding the power button for more than 2 seconds until you hear a beep sound, then release;
2. Push the direction handle to the forward direction for more than 2 seconds until you hear the beep;
3. Then push the direction handle back in the backward direction for more than 3 seconds until you hear the beep;
4. At this point, the power chair will not be able to operate.

### **(2) Controller unlock**

1. Press the power button, when the speed light flash continuously, then release the button.
2. Then push the direction handle to the forward direction for more than 2 seconds until to hear the beep sound;
3. Finally, push the direction handle back in the backward direction for more than 2 seconds until to hear the sound of the beep;

At this point, the power status light will be turned on and you can operate your power chair.

### **(3) Brake handle**

The brake handles of the power chair are paired and are located behind the drive wheel;

When the brake handle is disconnected the chair may be pushed forward (8-8). When push up the brake handle, the motor will be in a snap-in state, then you can drive the chair by using the joystick controller handle (8-9). This safety feature prevents your power chair from moving while parked.



8-9



8-8

## Warning

Especially when on a slope, please ensure the brake handle is in the engaged state, otherwise the power chair may roll. Make sure that the brake lever is in the engaged state after using to prevent this from happening.

### (4) Backrest folding angle adjustment

Pull the middle black strap, so that the latch heads protruding from the fixing plate on both sides exit the fixing plate. Then turn the backrest, adjust it to the required angle, loosen the black strap, and then completely eject the latch head out from the hole of the fixing plate. Make sure you are in the same hole on both sides. See Figure 8-2

### (5) Seat quick release

Please note that the following instructions are for guidance only.

1. First separate the harness connector of the upper control handle from the main connector (8-10);
2. Move the lever under the seat forward, drag the bottom of the seat, and hold the backrest with the other hand (8-11);
3. Another person stand at the opposite side. One hand to hold the bottom of the seat and the other hand held the backrest.



8-10



8-11

### (6) Armrest adjustment

1. When adjusting the armrest up or down, first loosen the screws at the under of handrail (8-12);
2. Pull the armrests up or down to desired position.



8-12

### 3 Instructions for use

#### (1) Normal working conditions

The power chair should work properly under the following conditions:

- a) Ambient temperature: 5 ° - 40 ° C;
- b) Relative humidity:  $\leq 80\%$ ;
- c) Atmospheric pressure: 80kPa - 105kPa;
- d) Power supply voltage: AC 220V $\pm$ 22V, DC 24V $\pm$ 1V;
- e) Power frequency: 50Hz  $\pm$  1Hz.

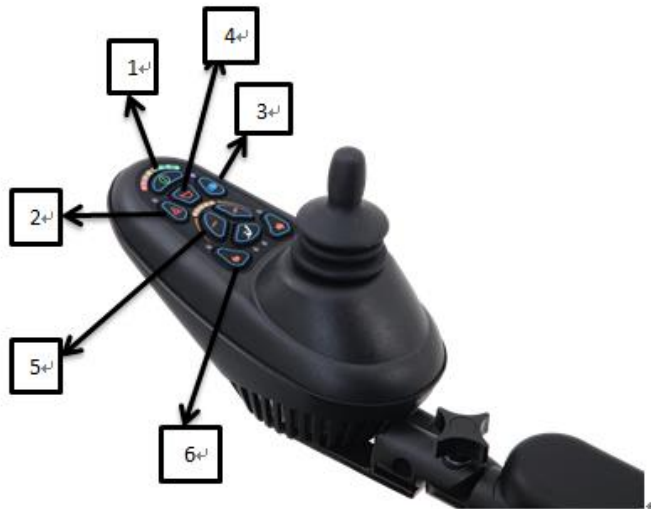
#### (2) Getting on the chair

1. Make sure the power switch button is off and the brake lever is in the engaged state;
2. Move the user smoothly to the seat (the body can be slowly moved to the seat by means of abduction);
3. Place your feet on your feet and lower the raised armrests;
4. Fasten the seat belt to ensure safe driving.

#### (3) Get off the chair

1. Make sure your power chair has stopped and press the power button to turn off the power;
2. Press the seat belt button to unlock the seat belt;
3. (With the aid of a walking aid, etc.) Slowly remove the user from the seat.

#### (4) Control functions



1. Switch
2. Flash warning
3. Front light
4. Horn button
5. Acceleration/deceleration button
6. Turn light

#### **Warning**

If the power status light is red, reduce the maximum travel speed to increase mileage. To prevent battery damage, remember to charge the battery overnight before you use the power chair for the first time.

#### (5) Battery charging

The battery must be charged for 12 hours before the first use. Do not attempt to use this power chair unless the battery is fully charged or it may cause damage to the battery. Connect one end of the charger to the charging socket of the battery compartment, and the other end to the power supply for charging.





ON



OFF



Yellow light: Charging



Green light: Charging completed

## (6) External charger

The external charger is equipped with two parts: the charger body and the transmission line (8-13). Your power chair is equipped with a dedicated external charger (8-14);

Please note that chargers below 5 amps should be used. The charger should be provided by the designated dealer.

1. Press the power switch button to ensure that the battery status light is off and disconnect the power;
2. Connect one end of the charger to the charging connector of the upper control handle;
3. Make sure the connector of the charger plug and charging socket is dry and intact without damage.
4. Make sure the overload protector is not up before charging ( 8-15).



8-13



8-14



8-15

## Note:

Charger specification model: HP8204B;

Charger input specifications: 115/230VAC 60/50Hz 2.7/1.7A

Charger output specification: 24VDC/5A

The charger indicator has 3 states:

- 1) Green: Power is on;
- 2) Yellow: Charging;
- 3) Green: Battery is fully charged.

Please note that power chairs have a safe circuit to prevent the chair moving during charging. If the power chair cannot be driven normally after charging, please check if the battery charger is disconnected from the charging terminal and check if the connection between the battery and the motor is loose. The charger must be kept at a temperature between -25 ° C and 40 ° C in a dry environment and should not be subject to mechanical damage. In all cases, the charger must be repaired by an authorized dealer.



**Prohibited! Removal of grounding prong can create electrical hazard. If necessary, properly install an approved 3-pronged adaptor to an electrical outlet having 2-pronged plug access**



**Prohibited! Never use an extension cord to plug in your battery charger. Plug the charger directly into a properly wired standard electrical outlet.**



**Prohibited! Do not allow unsupervised children to play near the travel scooter while the batteries are charging. We recommend that you do not charge the batteries while the travel scooter is occupied.**



**Mandatory! Read the battery charging instructions in this manual and in the manual supplied with the battery charger before charging the batteries.**

**Warning! Explosive gases may be generated while charging the batteries. Keep the travel scooter and battery charger away from sources of ignition such as flames or sparks and provide adequate ventilation when charging the batteries**



**Warning! Inspect the battery charger, wiring, and connectors for damage before each use. Contact your authorized provider if damage is found.**



**Warning! Do not attempt to open the battery charger case/battery case. If the battery charger does not appear to be working correctly, contact your authorized provider. If the battery charger is equipped with cooling slots, then do not attempt to insert objects through these slots. Be aware that the battery charger case may become hot during charging. Avoid skin contact and do not place on surfaces that may be affected by heat.**



**Warning! If your battery charger has not been tested and approved for outdoor use, then do not expose it to adverse or extreme weather conditions. If the battery charger is exposed to adverse or extreme weather conditions, then it must be allowed to adjust to the difference in environmental conditions before use indoors. Refer to the manual supplied with the battery charger for more information.**



## 6. BATTERY AND CHARGING INFORMATION

### GENERAL INFORMATION

Batteries are the power source for almost all of the modern mobility products available today. The design of batteries used in mobility products is significantly different from the batteries used to start a car for example. Car batteries are designed to release a large amount of power over a short period of time, whilst mobility batteries (commonly called deep cycle batteries) release their power evenly over a long period of time. Therefore, due to the lower production volumes and increased technological requirements, mobility batteries are typically more expensive. Commonly, 2x 12 volt batteries are used together in a mobility product giving a total voltage of 24 volts. The size of the battery (e.g. its available power) is expressed in amps per hour (e.g. 10amp/hr). The higher the number, the bigger the battery size, weight and, potentially, the greater the distance you can travel.



#### Warning

1. You can only use our original charger. Using other chargers will affect the warranty of the product. Using an unapproved charger can result in serious damage to the battery or power chair. Using the wrong charger can even cause a fire hazard.
2. Handle and dispose of the battery and charger carefully.
3. Do not throw the battery into the fire. Dispose of the battery in accordance with local regulations;
4. Do not place the battery around the heating device. The battery may overheat and may explode;
5. Do not squeeze or puncture the battery. Do not expose the battery to external high voltage, as this may cause internal short-circuit or overheating.



#### Warning

Do not charge the battery in a smoking or open flame environment; do not touch the metal terminals of the battery; use only the batteries provided with the power chair. If the battery is damaged or the battery case is damaged, contact your local dealer immediately and do not attempt to repair it yourself.

#### Dealer alert

Wear insulated gloves and goggles when operating the leaking battery. Damaged and leaking batteries should be replaced in a timely manner.

## **BATTERY, CHARGING AND BATTERY MAINTENANCE**

### **Battery**

If the appearance of the battery is damaged, please handle it carefully. Watch out! The battery fluid is corrosive. Avoid direct contact. If contact with skin or clothing occurs, rinse immediately with soap and water. If it comes into contact with your eyes, immediately rinse your eyes with water for at least 10 minutes and seek medical attention. In this case, call your local dealer for assistance. Please do not dispose of the battery as ordinary waste. Follow local laws!

### **Charging**

1. Charge the power chair only with an approved charger.
2. No matter how many times your power chair is driven in a day, your battery will fully charge overnight. Please do not interrupt the charging cycle.
3. If you are not using your power chair for a long time, continue to charge it regularly. This will not damage the battery.
4. When the power is turned off, do not connect the charger plug to the handle lever terminal, as this will drain the battery.
5. If you leave your power chair for more than 5 days, charge your battery for 12 hours, then unplug the charger and make sure the battery is disconnected.
6. Incorrect charging at full load can damage the battery and can result in shorter driving distances and permanent failures.
7. Except in an emergency, do not charge intermittently during the day and wait until the night to charge.
8. The battery needs to be checked regularly for signs of damage. If there is any obvious damage, please contact your local dealer immediately.

Following all eight of these recommendations will help make your power chair drive farther and your battery last longer.

### **Note!**

Watch out! Do not short the battery terminals! Keep away from all conductive jewelry (such as watches, necklaces, etc.) before checking the battery.

When charging is complete, remove the charging plug from the power chair. The power chair cannot be operated while charging.

### **Maintenance**

The type of battery used here is an internal battery that uses a completely sealed gel electrolyte, which means that no special maintenance is required other than normal charging. At the same time, the tightness of the battery compartment allows you to transport safely without having to worry about electro-hydraulic spillage.

**CAUTION:** Do not expose the battery to high temperatures. Do not recharge under outdoor conditions. Do not smoke near the charge. Exclude all open flames from the area.

## **Range**

We measure the mileage of power chairs with uniform standards and methods, but there are still differences in actual mileage due to the differences in terrain, user weight and environmental conditions.

The measured mileage is based on the ISO 7176-4 standard.

The theoretical maximum mileage of an power chair should be indicated, but the mileage is still reduced due to the following single or combined or environmental factors:

1. The user weighs more than 120 kg
2. The battery's operating conditions and age are lower and older than required
3. Difficult, unsuitable terrain (i.e. hilly, sloping ground, muddy ground, gravel, grass, snow and ice, and other environmental factors);
4. The slope on which the power chair climbs
5. Extreme ambient temperature
6. Tire wear
7. Frequent driving and parking
8. Indoor thick carpet.

Note: When you are driving outdoors and find that your power chair status light is red, you can increase your mileage by lowering the maximum available speed.

We have set out a battery care plan for maintenance free batteries. If a different care plan is followed, this may result in lower than expected performance from your power chair.

## 7. GENERAL WARNINGS

### PERSONAL & OPERATIONAL GUIDELINES

Drive profiles should only be adjusted by healthcare professionals and approved agents/dealers, who are totally conversant with the process. They must also fully understand the user's capabilities and the user's ability to operate the power chair safely.

Incorrect settings may cause injury or damage to the user, bystanders, the power chair and/or nearby property.

To determine personal mobility limitations, practice combinations of bending, reaching, mount and dismount techniques, whilst in the presence of a healthcare professional. Practice the above techniques BEFORE actively using the power chair.

For users with balance problems, practice the above techniques with the aid of an assistant, in the presence of a healthcare professional.

**DO NOT** attempt to pick up objects that cause you to shift your weight in the seat, or require you to bend excessively in any direction. Such action may result in the power chair tipping over, or in injury to the person or both.

**DO NOT** use an escalator to move the power chair between floors as serious bodily injury could arise from such actions.

**DO NOT** drive on the road, dual carriageways or motorways.

**DO NOT** drive up, down or across inclines that have water, ice, oil or any other slippery substance on the surface. Failure to note the above conditions could cause loss of control.

**DO NOT** attempt to drive over kerbs or obstacles in excess of 45mm. Disregarding this warning could cause the power chair to tip resulting in possible bodily harm.

**DO NOT** make sharp turns in forward or reverse at high speeds.  
Always disassemble the power chair into its stowable parts and then lift each assembly one at a time.

**DO NOT** carry passengers on your power chair.

**DO NOT** attempt to tow another vehicle.

**DO NOT** operate the power chair without first checking that it is safe to do so. Always be

aware of your surroundings.

**DO NOT** attempt to use your power chair without first checking that all wiring harnesses are connected and all detachable parts/assemblies are correctly aligned and firmly fixed in place.

**DO NOT** attempt to fit parts, accessories or adapters that are not authorized.

**DO NOT** connect any medical device, such as a ventilator, life support machine etc. to the power chair's electrical system. Failure of the equipment may result from such connections.

**DO NOT** operate your power chair whilst under the influence of alcohol, drugs or prescription medication that may impair judgement.

**DO NOT** operate your power chair if you feel acutely unwell.

**DO NOT** operate your power chair if your vision is seriously impaired.

If you have any doubts about medical conditions, health problems or treatments that may affect your ability to operate the power chair safely, please consult your healthcare professional.

We specifically disclaim responsibility to all personal injury and property damage that may occur during use which does not comply with the relevant national or local statutes.

**DO NOT** attempt to operate your power chair whilst standing next to it.

Always ensure that you are able to operate all the controls from a seated position, that the seat is securely locked into place.

**DO NOT** stand on any of the body panels, only the footboard.

**DO NOT** stand on the power chair seat.

**DO NOT** attempt to transfer into or out of the power chair seat without first checking that it is LOCKED into position. Attempting unsafe transfers can result in bodily injury and/or damage.

**DO NOT** drive your power chair if the seat is not LOCKED in the FORWARD position. The seat must be secured in the FORWARD facing position BEFORE and DURING operation of the power chair. Attempting to operate the power chair with the seat not secured in the front facing position, could result in damage and/or bodily injury.

**DO NOT** attempt to climb, ascend, or descend ramps greater than 10 degrees, or transverse slopes with a gradient greater than 10 degrees.



**DO NOT** attempt to reverse down slopes in excess of 8 degrees. When negotiating ramps or inclines, if the throttle lever is released a roll back will occur. In FORWARD or REVERSE motion the power chair will ROLLBACK approximately 30cms (1ft), before the brake engages.

Check that all electrical connections are secure before using your power chair.

**DO NOT** under any circumstances, disconnect, cut, extend or otherwise modify ANY of the wiring harnesses installed within or connected to your power chair.

**DO NOT** under any circumstances, disconnect, cut, extend or otherwise modify ANY of the wiring harnesses installed within or connected to your power chair battery charger.

It is important that your power chair battery charger is connected to a properly installed electrical socket with an earthed outlet.

**Failure to comply with the above requirements could result in a possible SHOCK HAZARD.**

**DO NOT** use any batteries that are not DEEP CYCLE GEL, AGM or SEALED LEAD-ACID type. Other types of batteries are NOT SUITABLE.

Please read battery/battery charger information before installation.

This power chair has been tested to ISO 7176 Part 9 "Climatic Tests for Power chairs." The test provides the power chair user or their attendant, sufficient time to remove the power chair from a rainstorm, whilst retaining normal operation of the power chair.

**DO NOT** operate your power chair during an electrical storm.

**DO NOT** leave your power chair in a rainstorm of any kind.

**DO NOT** use your power chair in a shower or leave it in a damp bathroom or sauna.

**DO NOT** leave your power chair in a damp area for any length of time.

**DO NOT** Jet wash, hose down, or use an automated car-wash on your power chair. Direct exposure to rain, sea spray or moisture could cause the power chair to malfunction electrically and mechanically and may cause rusting.

## Maximum User Weight Limitations

Fusione ≤150KG (330 lbs.)

Running noisy ≤70 db.

## DISPOSAL



The symbol above means that in accordance with local laws and regulations your product should be disposed of separately from household waste. When this product reaches the end of its life, take it to the collection point designated by local authorities. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects the environment. Ensure you are the legal owner of the product prior to arranging for the product disposal in accordance with the above recommendations.

## DISPOSAL OF YOUR POWER CHAIR

Your power chair must be disposed of according to applicable local and national statutory regulations. Contact your local waste disposal agency or authorized provider for information on proper disposal of travel chair packaging, metal frame components, plastic components, electronics, batteries, neoprene, silicone, and polyurethane materials.

## 8. ROUTINE MAINTENANCE

The following table gives an indication as to when routine maintenance checks should be made.

<i>Maintenance, fault finding and servicing should be carried out by an authorised dealer unless otherwise indicated</i>	Daily	Weekly	Quarterly	Annually
<b>The checks below can be carried out by the user</b>				
<b>Battery charge check (Fig. C)</b> Look at battery charge indicator on tiller before use to ensure batteries are fully charged.	•			
<b>Wipe over with a damp cloth</b> Use a damp soft cloth and mild detergent on panels, battery wells, tiller and seat.		•		
<b>Check tyres</b> Each tyre should be free of debris, oil, deep cuts or distortion.		•		
<b>Long overnight battery charge</b> Please ensure that the batteries are charged for a minimum of 8 hours.		•		
<b>Check tires for wear (See Fig. A and Fig. B)</b> Look at the tires to ensure that the tread is visible and continuous.			•	
<b>The checks below must be carried out by an authorized dealer</b>				
<b>Seat swivel, seat slide(where fitted)</b>				•
<b>Inspection of wiring and connectors for chafing and wear</b>				•
<b>Battery terminals</b> Clean and protect with petroleum jelly.				•
<b>Ensure parking brake (where fitted) is correctly adjusted</b>				•
<b>Check stabilizer wheels for wear</b>				•
<b>Inspect motor brushes</b>				•
<b>Full service by dealer</b>				•



Fig. A



Fig. B

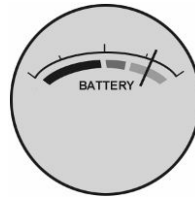


Fig. C

### **Storage**

When storing your power chair for long periods (in excess of one week), charge batteries for 12 hours and then disconnect the batteries to minimize battery discharge.

### **Electronic faults**

Do not attempt to investigate faults in the control box, the control pod or charger as the design and set up of the electronics is of a safety critical nature.

Spare parts and service are available from authorized dealers.

### **Replacing LED`s (where fitted)**

**Caution!** Disconnect batteries before changing LED`s.

### **Wheels**

Note: Wheels should only be removed and refitted by an authorized dealer.

## 9. TROUBLE SHOOTING GUIDE

SYMPTON	POSSIBLE CAUSE	SOLUTION
<b>Shortened range</b>	Batteries not charged for long enough	Charge batteries for eight hours or more
	Batteries weak and cannot hold charge	Replace battery pack
<b>Battery pack not charging or battery gauge shows empty after charging</b>	Battery pack fault	Replace charger
	Charge fault	Contact local mobility dealer
	Charger loom or plug damaged	Check plugs and looms
	Loose connection	Try a wall socket in a different room
	No output from wall outlet	Unplug from wall & change fuse
	Fuse in charger mains plug blown	Switch off and press button back in
	Button on battery pack has popped out	Switch off and press button back in
	Output fuse in charger blown	Unplug from wall and contact dealer
<b>Battery charging current high</b>	Faulty batteries	Replace battery pack
	Power chair switched on during charging	Turn Power chair off
<b>No drive</b>	Brake-release lever disengaged	Engage brake-release lever
	Flat batteries	Charge battery pack
	Power chair is not switched on with key	Ensure the key is switched on
	Battery pack not engaged properly	Check battery pack is fully engaged onto connectors
	Charger plugged in	Unplug charger
	Button on battery pack popped out	Reset circuit-breaker button
	Disconnected loom or plugs	Check all plugs & looms
	Control system fault	Contact dealer
<b>Motor runs irregularly and/or noisily</b>	Electrical malfunction	Contact dealer
	Control system fault	Contact dealer

**DO NOT ATTEMPT TO OPEN ANY PARTS OF THE POWER CHAIR  
CONTROL SYSTEM, BATTERY PACK, LOOMS, PLUGS OR BATTERY  
CHARGER.  
THE CONTROL SYSTEM IS SAFETY CRITICAL AND THERE ARE NO USER  
SERVICEABLE PARTS**

Your power chair is fitted with a self-diagnostic controller that will give a sequence of audible beeps when an error is detected to help you, or the authorized service agent, determine the drive electronics fault. Should you switch on the power chair and hear the beeps note the number of beeps, separated by a short delay between each sequence, and refer to the table below.

NUMBER OF BEEPS	REPRESENTS	POSSIBLE CAUSE	SOLUTION
1	Battery power low	Power not enough	The battery needs charging
2	Low battery voltage	Power not enough	The battery needs charging
3	High battery voltage	Too high voltage, while overloading or climbing	Decrease speed while climbing
			Check battery connection
4	Electric current over limit	Electric current over limit of motor	Check motor and relative wiring connections.
			Switch off and wait a few minutes and switch on.
5	Freewheel level issue	The freewheel level is on	Check the relative wiring of the freewheel level.
			Confirm the level is on the correct position
6	Accelerate the variable resistor issue	When turning on the controller, accelerate variable resistor isn't in the neutral position	Accelerate variable resistor may be in neutral position
			Accelerate variable resistor may need to recalibration.

7	Speed limited variable resistor issue	Accelerate variable resistor, Speed limited variable resistor or other wiring issue	Check all the accelerate variable resistor, Speed limited variable resistor or other wiring.
8	Motor voltage issue	Motor and other relative wirings issue	Check Motor and other relative wirings.
9	Other issues	Some inner issues in the controller	Check all the connection and wirings.
10	Pushing/Slipping issues	The speed of pushing or slipping is over limited	Switch off and on the controller

## 10. WARRANTY

### Warranty condition

1. The repair or replacement will be carried out by an authorized Dealer/Service Agent.
2. To apply the warranty conditions should your power chair require attention under these arrangements, notify the designated distributor immediately giving full information about the nature of the difficulty. Should you be outside the locality of the designated distributor, work under the "Warranty Conditions" will be carried out by a service agent designated by the manufacturer.
3. Should any part or parts of the power chair require repair or replacement as a result of a specific manufacturing or material defect within two years from the date on which the possession of the power chair was transferred to the original purchaser, and subject to it remaining within that ownership, then the part or parts will be repaired or replaced completely free of charge if returned to the authorized service agent. Note: This guarantee is not transferable.
4. Any repaired or replaced part will benefit from these arrangements for the balance of the warranty period applicable to the power chair.
5. Items of a consumable nature will not generally be covered during the normal warranty period unless such items have clearly suffered undue wear as a direct result of an original manufacturing defect. These items include amongst others upholstery, tyres, inner tubes, batteries, armpads, hand grips and other similar parts.
6. The above warranty conditions apply to all power chair parts for purchased models. Updated sentence.
7. Under normal circumstances, no responsibility will be accepted where the power chair has required repair or replacement as a direct result of:
  - (i) The power chair or part not having been maintained in accordance with the manufacturer's recommendations, where such exist. Or failing to use only the specified original equipment parts.
  - (ii) The power chair or part having been damaged by neglect, accident or improper use.
  - (iii) The power chair or part having been altered from the manufacturer's specifications, or repairs having been attempted prior to the Service Agent being notified.



Please find the distributor's address and telephone number on the last page. In the event of a breakdown, contact them and try to give all relevant details so they can help you quickly.

The power chair shown and described in this manual may not be exactly the same in every detail as your own model. However, all instructions are still entirely relevant, irrespective of detail differences.

The manufacturer reserves the right to alter without notice any weights, measurements, or other technical data shown in this manual. All figures, measurements, and capacities shown in this manual are approximate, and do not constitute specifications.

THIS IN NO WAY AFFECTS YOUR STATUTORY RIGHTS

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