

BARIATRIC SORRENTO™

Operation Manual &
Product Specification



Seating Matters™



WANT TO GO STRAIGHT?

Ensure to engage directional lock castor at front left of chair

This Operation Manual is frequently updated to ensure safe use of your product.

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SAFETY INSTRUCTIONS

All instructions must be read and understood before the product may be used.

Terminologies

Patient: The person sitting in the chair.

User: Competent person with responsibility for the persons sitting in the chair as well as the suitability of the equipment for the Patient. The User is responsible for checking the chair for faults during the course of its use.

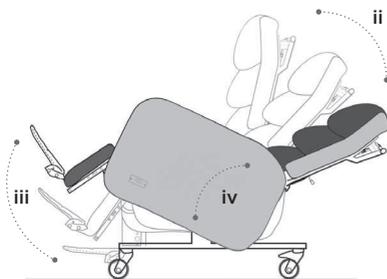
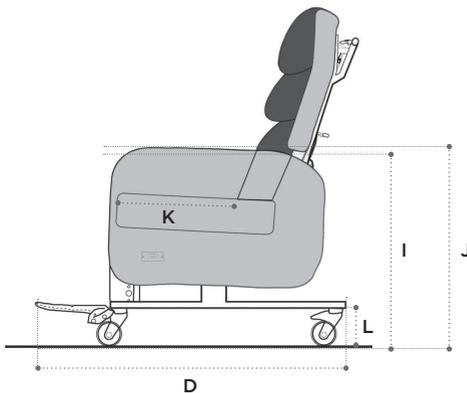
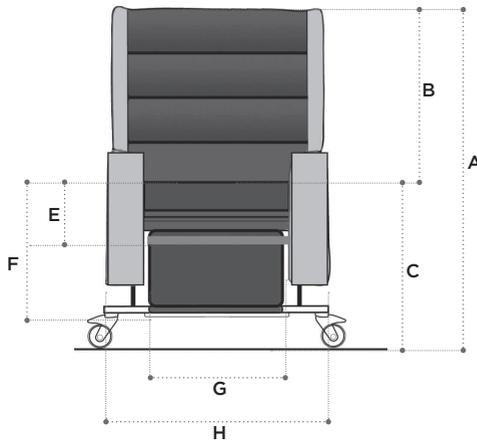
Assembly, Installation, Warnings & Hazards.

1. This chair should be fully assembled, all fixings secured and the chair checked for safety by a competent person before use.
2. The User must ensure that the product is in good condition before use (check all nuts and bolts are fastened, fabric in good condition etc). If there are any problems, these must be reported to your Seating Matters provider and corrected before the chair is put into use.
3. Keep all body parts away from the mechanisms under the chair. Repairs and maintenance should only be carried out by fully trained technicians.
4. Exercise care in using the release lever for the reclining mechanisms and adjustments to avoid injury.
5. Pressure ulcer or pressure injury reduction is not a guarantee with this equipment. The User must ensure that the Patient has a period out of the chair after prolonged sitting to raise tissue oxygenation levels. Although the chair offers pressure management, the body tissue still needs time to recover. In many places, local or national guidelines recommend a maximum of 2 hours sitting at any one time. You must also observe Patient specific recommendations and guidelines as set by their health professional with regard to the use of tilt and recline for appropriate pressure management.
6. The product must be used on a level, plain, hard surface with the brakes engaged to avoid it moving during use and to ensure stability. When the chair is not in transit, all the braking castors on the product must be engaged to prevent risk of injury when being used.

7. The product may not be left in an outdoor environment. More information on fabrics and their environment can be found later in this manual.
 8. A competent person, trained in the use of the chair, should make adjustments and set it up according to the User requirements and Patient dimensions before the Patient sits in the chair. Where possible, adjustments should be made when the Patient is not in the chair to avoid injury to the User and Patient.
 9. Ensure there is more than one competent person there when making adjustments to ensure they are correct and safe for the Patient.
 10. If in doubt as to any the adjustments, feel free to contact Seating Matters direct
 11. Under no circumstances must the User or Patient stand or sit on the footplate of the chair.
 12. The chair should not be transported in a vehicle while the Patient is seated on the chair.
 13. This product should not be lifted at any time unless by competent persons trained in such manual handling.
 14. When operating the leg rest and recline features on the chair please ensure there is a 450mm gap around the chair to prevent the back or leg rest coming into contact with a wall or any other object.
 15. On powered options, please ensure that your chair is charged daily.
- Please call your Seating Matters provider if you have any questions on these points.

BARIATRIC SORRENTO™

TECHNICAL SPECIFICATION



Basic dimensions

A	Overall height	1300mm/51in
B	Back height	750mm/30in
C	Seat height	600mm/24in
D	Overall Length	1300mm/51in

Seat to footplate height adjustments

E	High	310mm/12in from seat
F	Low	520mm/20.5in from seat

Available seat and overall widths

G (Seat width)	H (Overall width)
550mm/22in	885mm/35in
600mm/24in	885mm/35in
650mm/26in	885mm/35in
700mm/28in	935mm/37in
750mm/30in	985mm/39in
800mm/32in	1035mm/41in
850mm/34in	1085mm/43in

Arm height options

I	Medium	740mm/29in
J	High	765mm/30in

Seat depth

K	410 - 660mm/16-26in
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Clearance height

L	140mm/6in
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Recline and tilt angles

ii Back angle recline

90° - 130°
40° range

iii Leg rest angle

90° - 125°
35° range

iv Tilt in space

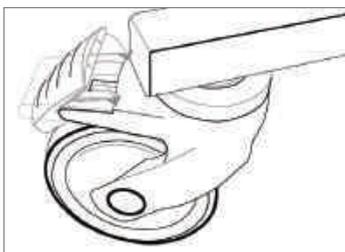
From 5° forward, or anterior, tilt to 30° backward tilt.

Chair weight unloaded is 120 Kg/264 lb/18.89 Stone.
Chair user weight limit is 294 Kg/650 lb/46 Stone.

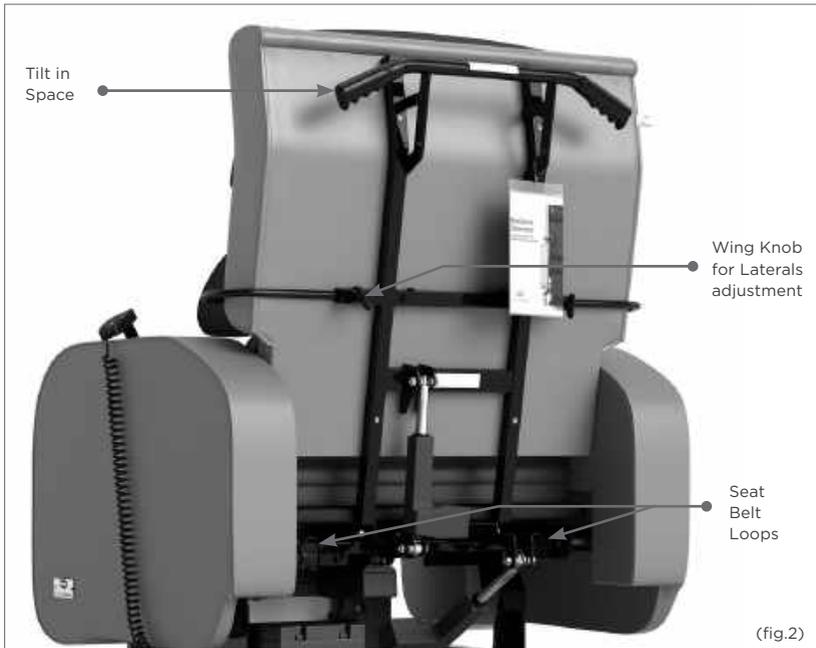
USER GUIDE AND OPERATING INSTRUCTIONS



- **Braking castors:** The BARIATRIC SORRENTO™ chair must be used on a plain, hard surface with the brakes engaged to ensure stability and to avoid the device moving undesirably during use. Braking castors, where provided, must be in the braked position while stationary. (fig.1). A competent person, trained in the use of the chair, should make adjustments and set it up according to the User requirements and Patient dimensions before the Patient sits in the chair.



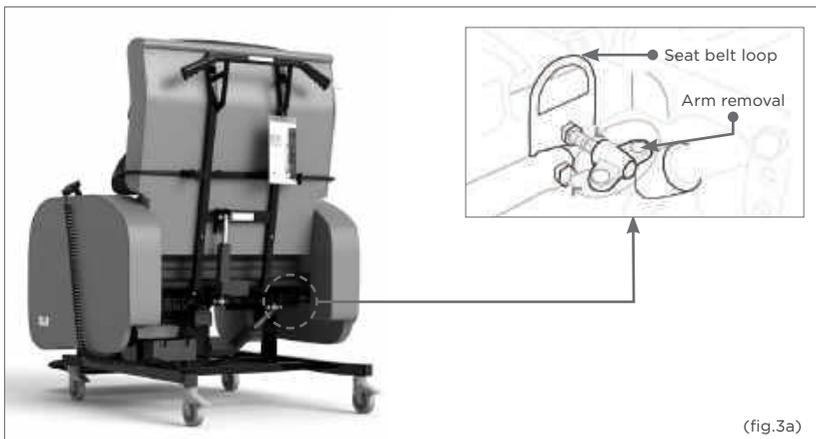
Ensure there is more than one competent person there when making adjustments to ensure they are correct and safe for the Patient. Ensure all fixings are secure before allowing the person to sit in the chair. This includes lateral supports, arm adjustments, seat adjustment and foot plate. Please call your Seating Matters provider if you have any questions on these points. This product should not be lifted at any time unless by competent persons trained in such manual handling.



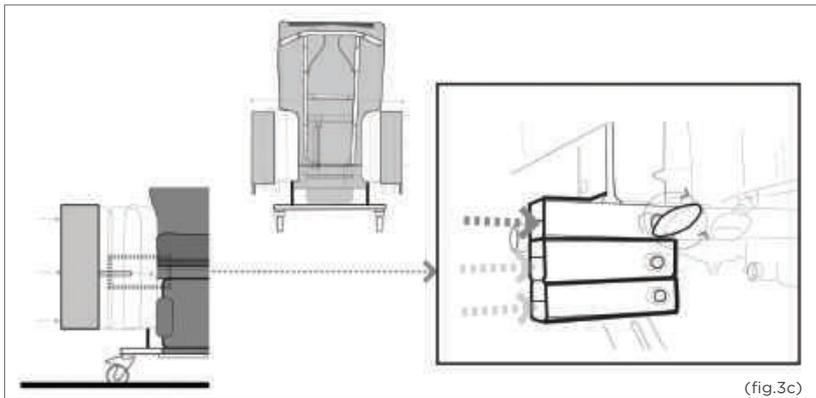
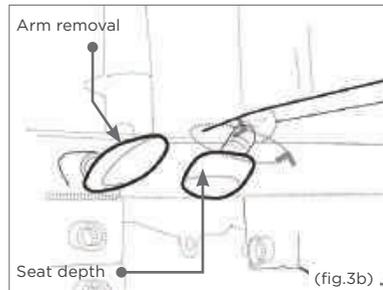
- **Back angle adjustment:** To recline the back of the chair exercise care in case of injury to the Patient or damage to the surrounding environment. Adjustments are performed according to the buttons on the handset (see page 11).
- **Tilt in space:** To tilt the chair, exercise care in case of injury to the Patient or damage to surrounding environment. Adjustments are performed according to the buttons on the handset (see page 11).



- **Seat depth:** To increase or decrease seat depth, loosen the thumb screws set at 45 degrees under the seat (fig.3 & fig.3b). Adjust the seat to the required depth by carefully pulling the seat out. Tighten the screws again to ensure the seat depth does not unintentionally change (fig.3b).



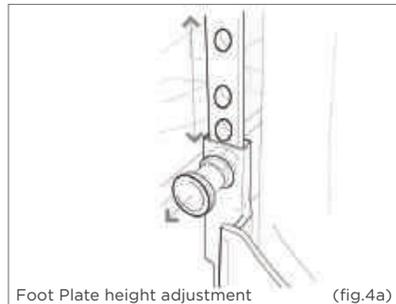
- **Arm removal:** To remove the arms, loosen the thumb screws behind and in front of the arm (fig.3a,b & d) and carefully pull the arm out, leaving it in a safe place to avoid tripping hazards or other injuries. When replacing the arms, ensure the thumb screws are tightened against the frame of the arm.



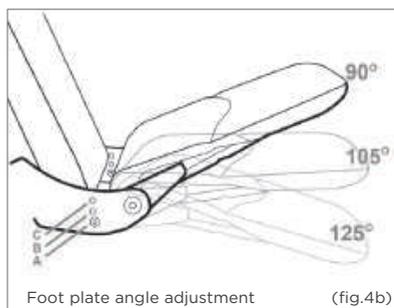
- **Seat width adjustment:** To adjust the seat width, loosen the thumb screws behind and in front of the arm (fig.3a,b & c) and carefully pull the arm out to the desired width (see seat width table on page 4), secure the arms in place and ensure the thumb screws are tightened against the frame of the arm.
- **Arm height adjustment:** To adjust the arm height, loosen the thumb screws behind and in front of the arm (fig.3a,b & c) and carefully remove the arm and insert it into the desired height option on the frame of the chair (fig.3c). Secure the arms in place and ensure the thumb screws are tightened against the frame of the arm.



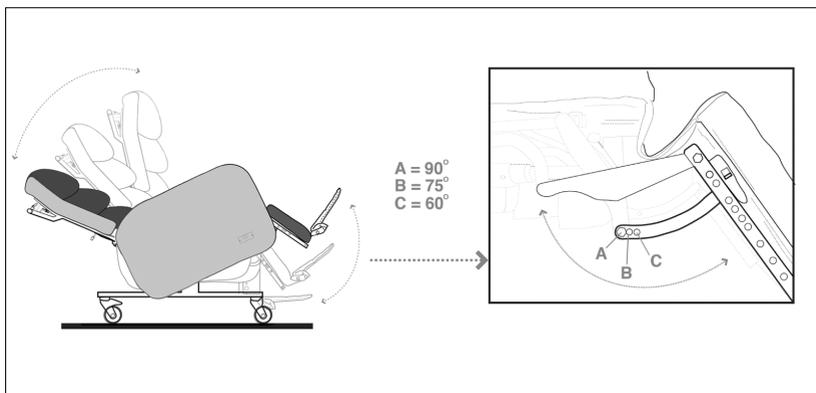
- **Leg elevation:** Before changing the angle of the elevating leg rest, the User or Patient must ensure there are no objects in the immediate environment that could obstruct the leg rest elevation or come into contact with the Patient's legs. Use the handset control to move the leg rest until it is in the required position and release the button. Ensure that only the weight of the Patient's legs are placed on this leg rest.



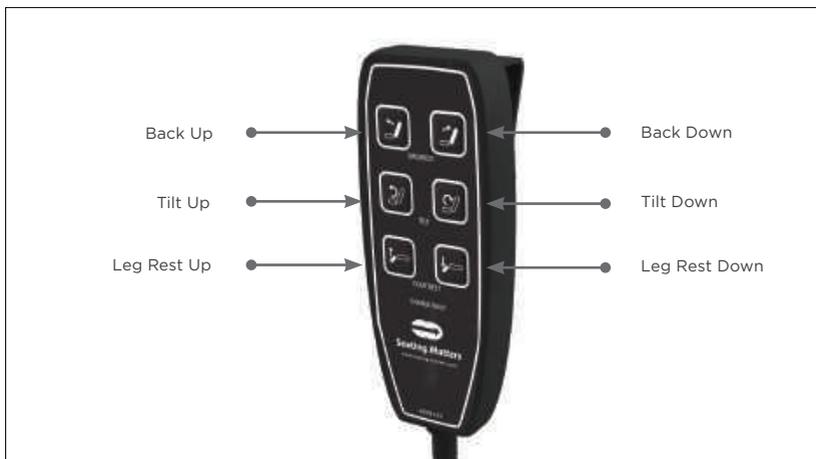
- **Foot plate height:** The foot plate can be adjusted in height by pulling out the spring plungers and sliding it up and down on the glide rail (fig.4a). When the spring plungers are released, they will catch into the nearest hole immediately below the pins. The foot plate can also be removed by dropping it off the bottom of the chair.



- **Footplate angle:** There are three angle settings on the footplate labelled A, B and C (fig.4b). To change the angle of the footplate loosen the bolts at each side of the footplate (left and right), remove the bolts, set the footplate to the desired angle (A,B or C, fig.4b) and insert and tighten the bolts in the new bolt hole. Please Note: When getting out of the chair, simply lift up the footplate so that it is parallel with the calf pad. Do not stand on the footplate when getting out of the chair.
- **Negative angle leg rest:** The leg rest on the chair can be put into a negative angle setting for clients with tight hamstrings. See diagram below showing positions A, B and C. To change the setting loosen the bolts at each side of the leg rest (left and right), remove the bolts, move the leg rest to the desired setting and insert and tighten the bolts.



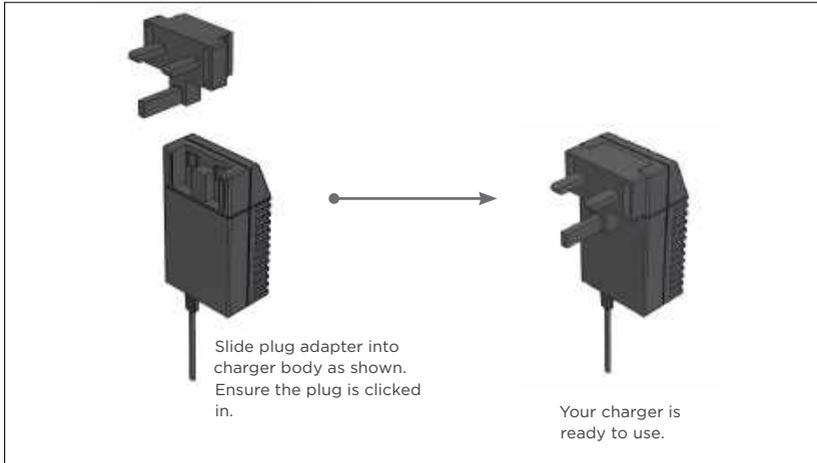
- **Chair movement:** To move the chair around, ensure that the back is in a fully upright position and push using the push handle on the back. Only a competent person should move this chair.
- **Seat cushion:** The seat cushion on the BARIATRIC SORRENTO™ is a waterproof, pressure redistributing, medium foam cushion providing pressure management and comfort. The seat cushion will have non-slip material on one face and a zip closure on one side.
To fit the seat cushion to the chair, ensure the non-slip material is on the bottom and makes contact with the non-slip material already on the baseplate, with the zip closure at the rear. This is important as the foam's structure allows good immersion and envelopment of the body ONLY when fitted as instructed.
- **Fully Motorised Hand Control:** Your chair is fully motorised. The Tilt In Space, Leg rest and Back angle recline are controlled by the electric handset, simply push the button to operate the desired function.



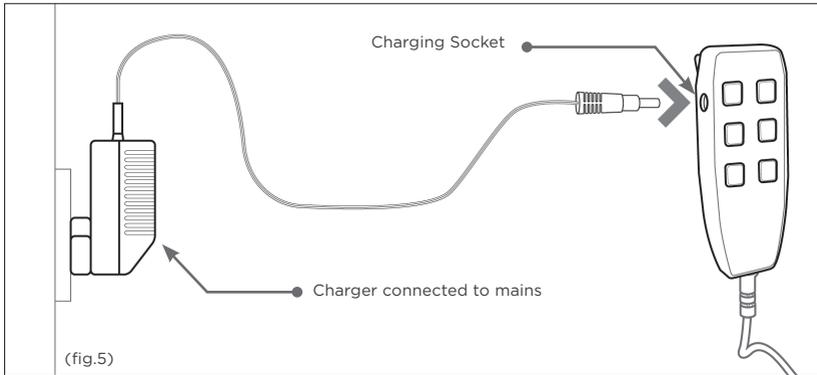
• Charging your chair:

Your chair will arrive fully charged, ready for use. Please charge your chair daily.

Charger Assembly Guide



To charge your chair, plug the charger into a wall socket and plug the connector end of the charger into the charging socket on the side of the handset (fig.5). Charge the chair until the orange light on the charger turns green. Do not operate the chair during charging.



Orange Light



Green Light

Light Colour	Indication
No Light	No Power
Orange	Plugged in, charging
Green Buzzer	Plugged in, fully charged

DRIVE ASSIST™

QUICK START GUIDE

Mode Options

Continuous Drive Mode	Green Light	Press On Button Once
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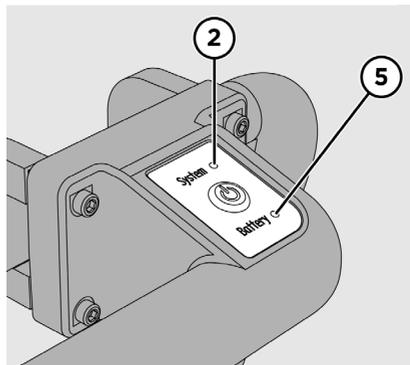
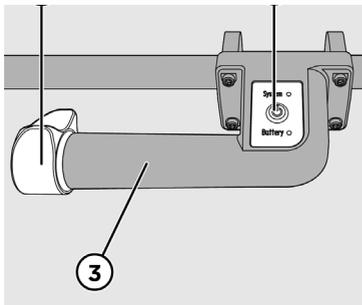
This operation mode is full speed. Used for moving chair for longer distances. Note for safety reasons, a 6 second wait period occurs after each drive period.

Manoeuvring Mode	Blue Light	Press On Button a Second Time
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This operation is half speed. Used for moving chair over shorter distances and manoeuvring within a smaller space.

Quick Start Guide

1. Press power on (1) and wait until light turns green (2).
2. Continuous Drive Mode is selected automatically. If you wish to switch to Manoeuvring Mode press the On Button (1) again and the system light will turn to blue (2).
3. Place hands firmly on the handle (3) and use your right thumb to gently press the drive switch (4) forward or backwards depending on direction you wish for the chair to travel in.



HOW TO CHARGE

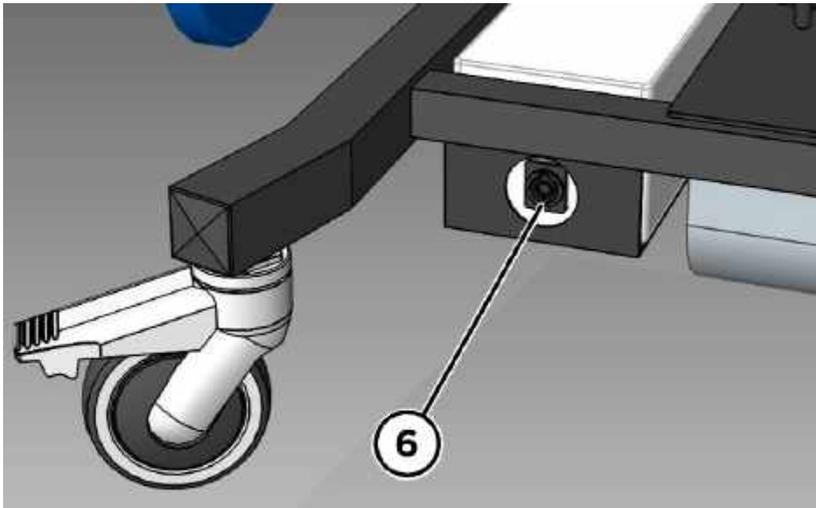
Charging

- When the battery light is green, this means there is at least 80% charge.
- When the battery light is red this means there is only 20% charge left.

How to Charge

1. Remove the control box connection (6) at the back of the chair on the bottom left.
2. Once removed, plug in the charging adapter.

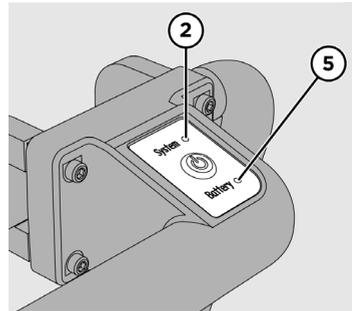
If the system is being used each day, the battery should be charged daily. It takes approximately 2 hours to charge 25% of the battery. Aim to fully charge the battery each day.



INDICATOR LAMP SIGNALS

Charging

The system LED lamp (2) indicates the operating mode of the control system. The battery LED lamp (5) provides information on the charge level of the rechargeable battery pack. An acoustic warning signal also sounds if there is a fault of the rechargeable battery is flat. The following table provides an overview of all status indicators and warning signals.



Status	Acoustic Signal	LED Status Displays
Initialisation		● System lights up Red
Error	Intermittent	● System flashes Red
Operational		● System lights up Green
Driving		● System flashes Green
Manoeuvring Mode		● System lights up Blue
Driving in Manoeuvring Mode		● System flashes Blue
Pause		● System flashes Yellow
Installation Position		● System lights up Yellow
Rechargeable Battery is Flat	Intermittent	● Battery flashes Red
Rechargeable Battery Charge Level is over 80%		● Battery lights up Green
Rechargeable Battery Charge Level is less than 80%		● Battery lights up Yellow
Rechargeable Battery Charge Level is less than 60%		● Battery lights up Red
Rechargeable Battery Charge Level is less than 50%	Intermittent	● Battery flashes Red

WORKING ENVIRONMENT

- **Dartex Multi-stretch:** Waterproof, stain resistant, flame retardant, multidirectional stretch for pressure redistribution i.e. seat cushion, calf panels, lateral supports and seat back.
- **Vinyl:** Non-absorbent, anti-bacterial, flame retardant, strong, durable material for outer arms, outside back etc.

Cleaning and Maintenance of Fabrics

- **Vinyl:** (Arms and outside back) Vinyl is resistant to urine, most household stains, mild acids/alkalis, drinks and beverages as they are not absorbed and can be wiped off without any problem or lasting damage. Some difficult substances such as lipstick, ball point pen ink and food colourings should be cleaned off immediately to avoid permanent staining.
- **Cleaning:** To ensure proper cleaning and longevity of the fabrics, the chairs should be cleaned with warm soapy water followed by a clean water rinse to help retain the attractive appearance and durability. Heavy, ingrained soiling may be removed by scrubbing with a soft brush. Strong detergents, solvent cleaners, polishes or patent chemical cleaners should not be used as they are unnecessary and may cause embrittlement and cracking of the material. Additional Care – special attention should be given to head rest and arm rest areas, as build-up of body oils in these areas may cause the vinyl to harden.

Dartex Multi Stretch Fabric (Patient contact surface)

Properties: This fabric is waterproof, has the ability to be wiped clean and has biostatic (anti-mycotic) coatings to provide an impenetrable barrier to virus and bacteria. Superficial dirt may be removed by wiping with a soft cloth moistened with water containing a neutral detergent. More persistent contamination may be treated by wiping with alcohols or turpentine substitute, followed by hot water and detergent. Routine cleaning and disinfection may be carried out on the coating with hand hot water and a neutral detergent or with a sodium hypochlorite solution (0.1% or 1000 parts per million available chlorine). The material is compatible with the 10,000ppm available chlorine in solution required for the decontamination of blood spills.

Excess solution must be removed and the surface thoroughly rinsed and dried prior to reuse or storage. Proprietary disinfectants may be used provided manufacturer's instructions are followed. All cleaning agents, and disinfectants, must be thoroughly rinsed off and the item dried before storage.

Failure to do this may result in damage to the polyurethane coating, react with the chair frame, or negate the biocompatibility results of the fabric. It is essential that articles be thoroughly dried after all cleaning procedures and before storage.

SEATING MATTERS RECYCLING POLICY

Seating Matters are committed to reducing waste and improving our care for the environment. We aimed to construct our chairs with as many recyclable materials as possible that could be repurposed indefinitely.

The WEEE Directive

The WEEE Directive, 2012/19/EC, urges producers of Electrical and Electronic Equipment (EEE) to provide information on how these products can be treated, reused or recycled.

In order to comply with this directive in the European Union, Seating Matters electrical components are marked with a crossed out wheelee bin. This indicates that the electrical components should be treated in accordance with the WEEE regulations after their useful life.

Advice on Recycling

- Your Seating Matters product may contain batteries which should not be disposed of in household waste.
- Never dispose of the battery in a fire. This may cause an explosion.
- The product may contain substances that could be harmful to the environment.
- Electrical components must be taken to a proper recycling facility.
- Your Seating Matters product contains component parts which can be recycled.
- We thank you for being environmentally responsible and for making efforts to recycle your Seating Matters product at the end of its' safe and useful life.
- Contact your local authority or governmental agency for the regulations that apply in your area.
- If you wish to have Seating Matters recycle your product and your behalf, you are welcome to return the product to our company.



Plastic Components

Many of our plastic components are made from polypropylene and can be recycled as long as they are recycled with other polypropylene resin materials. Polypropylene sheets can be recycled with any other materials that have this symbol.



Plastic Trays

Our plastic tray tables are made from Polyethylene Terephthalate Glycol (PETG) which is a sturdy, transparent, easily cleaned material. Like acrylic, PETG is 100% recyclable and can be recycled and repurposed indefinitely. Capable of being sterilized, it's a renowned food-safe material and will



help us meet a higher standard towards infection prevention & control. PETG's damage resistance is far higher than that of acrylic & has an impact resistance 30 times that of glass. PETG can be recycled with any other materials that have this symbol.

Safety

The BARIATRIC SORRENTO™ is CE marked to show conformance to the Medical Devices Directive 93/42/EEC and conforms to BS ISO 7176 at medium hazard.

Regional Variations

The device referred to as a "Bariatric Sorrento™" is a Seating Matters product category and the information included in this document reflects common features

INTELLECTUAL PROPERTY

Seating Matters are at the forefront of seating research and design, therefore we take the protection of our intellectual property very seriously and have our designs, patents and trademarks protected in many jurisdictions throughout the world.

- The Seating Matters Trademark is registered throughout the European Union and various countries globally.
- Patent Pending: No. GB1915470.7
- US Design Patent: No. 601360S, No. D611718; No. 600932, No. D602704S.
- Australian Design Registration: No. 325536, No. 324011, No. 325537, No. 324012.
- Community Design Registration: No. 001016364-002, No. 000942180-0004, No. 002428813-0001, No. 001016364-001, No. 012673018.
- Canadian Design Registration: No. 130224, No. 128763, No. 130217, No. 128764.

BARIATRIC SORRENTO™ MAINTENANCE AND SERVICING

Regularly servicing your Seating Matters chair will prevent untimely and inconvenient breakdowns, reduce repair costs and extend the chair's life. Damage to the chair can also cause excess strain for the User and Patient.

Important

Parts can only be changed by service persons trained in Seating Matters products and use only Seating Matters parts. We recommend that your chair is serviced every year by a Seating Matters approved provider for any running repairs and maintenance.

Maintenance

Carry out the following regular checks to ensure the operation and safety of the chair. If you are in any doubt about the functioning of your chair contact your Seating Matters approved provider immediately.

Daily

- Check that the castors are not damaged.
- Check that the castors turn freely.
- Make sure that the castor forks run free and are not bent.
- Check all fabrics for damage or contamination and replace where necessary.
- See Cleaning and Maintenance of Fabrics section in manual for cleaning instructions.
- Check batteries and electrical connections are secure.

Weekly

- Check the castor fittings for hair and dirt etc. which could restrict the castor movement.
- Pick out any such material with tweezers or take the spindle out, clean it and then replace it.
- If it is still not free (one continuous turn without it sticking) contact your Seating Matters approved provider for replacement.

Monthly

- **Castors:** Make sure the top of the castor housing is parallel with the floor. Any variation will cause restricted movement. If it is damaged contact your Seating Matters approved provider for replacement.
- **Mechanisms:**
Check all tilting mechanisms are working smoothly.
Check that cables are not kinked or frayed.
Check that all nuts and bolts are present.
Check that all nuts and bolts are secure.

Note: If nuts or bolts need attention, contact your Seating Matters approved provider **IMMEDIATELY** and **DO NOT USE** the chair until it has been serviced.

- **Leg rest:** Check that all leg rests are easily removed/swung-away and replaced or repositioned easily. Ensure that parts lock in place securely. If parts are not locking try lubricating. If the problem still remains contact your Seating Matters approved provider.
- **Frame:** Check the visible parts of the frame for cracks, splits, large dents or other damage. If you find any of these things **DO NOT USE**. Contact your Seating Matters approved provider immediately.



WE ARE HERE TO HELP

For any questions or queries
regarding your Seating Matters
chair please contact:

