



 Seating System

000690860.02

**Sedeo Pro Advanced**  
**Sedeo Pro Advanced UP**

Seating manual



We at SUNRISE MEDICAL have been awarded the ISO-13485 certificate, which affirms the quality of our products at every stage, from R & D to production. Options or accessories shown are available at extra cost.



If you have any queries about the use, maintenance or safety of your seating system, please contact your local approved Sunrise Medical service agent. If you do not know of an approved dealer in your area or have any other questions please write or telephone:

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**Thorns Road**  
**Brierley Hill**  
**West Midlands**  
**DY5 2LD**  
**England**  
**Phone: 0845 605 66 88**  
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**www.SunriseMedical.co.uk**

Dealer signature and stamp

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**1.0 User information**

Congratulations on choosing a Sunrise Medical wheelchair. Sunrise Medical’s high-quality mobility products are designed to enhance independence and make your everyday life easier.

As a part of our ongoing product improvement initiative, Sunrise Medical reserves the right to change specifications and design without notice. However, any changes to information provided for existing users shall be clearly communicated if they are safety critical.

Further, not all features and options offered are compatible with all configurations of the wheelchair.

All dimensions are approximate and may be subject to change.






The intended lifetime of the wheelchair is 5 years. Please DO NOT use or fit any third party components to the wheelchair unless they are officially approved by Sunrise Medical.

**1.1 This user manual**

This user manual will help you to use and maintain your wheelchair safely. This entire user manual for this wheelchair consists of three booklets:

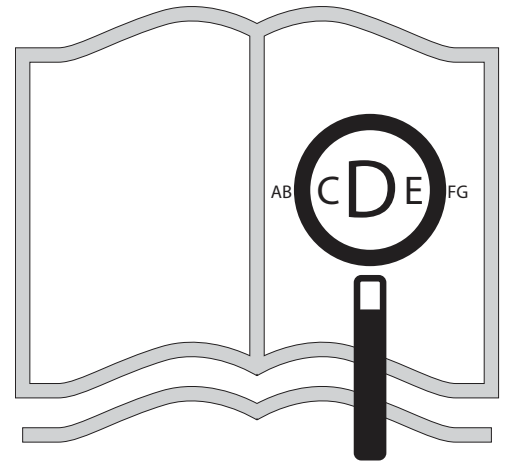
- The general wheelchair user manual
- The user manual for the seating system (this booklet)
- The user manual for the controller.

When necessary this general user manual refers to other manuals as shown below:

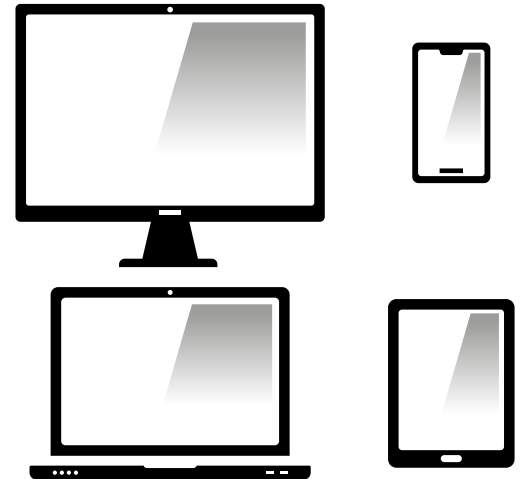
 General manual:	Refers to the general user manual for the wheelchair.
 Controller:	Refers to the user manual for the controller.
 J3 Back & Jay Syncra:	Refers to the user manual for the J3 & Jay Syncra Back Rest.
 Battery charger:	Refers to the user manual for the battery charger.
 Service manual:	Refers to the service manual for qualified personnel.

**Do not use your wheelchair until this entire manual (and all other booklets) has been read and understood!**

If one of the user manuals was not included with your wheelchair, please contact your dealer immediately. In addition to this user manual, there is also a service manual for qualified specialists.



If you are visually impaired, this document can be viewed in PDF format at [www.SunriseMedical.co.uk](http://www.SunriseMedical.co.uk)



or alternatively is available on request in large text.



Fig. 1.1

## 1.2 For further information

Please contact your local, authorized Sunrise Medical dealer if you have any questions regarding the use, maintenance or safety of your wheelchair. In case there is no authorized dealer in your area or you have any questions, contact Sunrise Medical either in writing or by telephone. For information about product safety notices and product recalls, go to [www.SunriseMedical.co.uk](http://www.SunriseMedical.co.uk)

## 1.3 Symbols used in this manual



Potential risk of injury or serious injury or death



Potential risk of injury.



Potential damage to equipment.

### NOTE:

#### General user advice.

Not following these instructions may result in physical injury, damage to the product or damage to the environment!

Notice to the user and/or patient: Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

## 2.0 Safety

Follow the instructions carefully next to these warning symbols! Not paying careful attention to these instructions could result in physical injury or damage to the wheelchair or the environment. Wherever possible, safety information is provided in the relevant chapter.

### 2.1 Seating related symbols and labels used on the product

The signs, symbols and instructions affixed to the wheelchair comprise part of the safety facilities. They must never be covered or removed. They must remain present and clearly legible throughout the entire lifespan of the wheelchair.

Replace or repair all illegible or damaged signs, symbols and instructions immediately. Please contact your dealer for assistance.

Fig 2.1: Warning – Danger of finger entrapment.

Fig 2.2: Warning – Ensure that the seat interface quick release is screwed in tight before using your wheelchair, especially on a slope.

Fig 2.3: Warning – Do not drive your wheelchair on a slope with the backrest reclined and/or the seating in standing mode.

### 2.2 Safety: Temperature

#### WARNING!

- If you do not use the wheelchair, ensure that it is not exposed to direct sunlight for lengthy periods of time. Certain parts of the wheelchair, such as the seat, the back and the armrests can become hot if they have been exposed to full sunlight for too long. This may cause burns or allergic reactions to the skin.

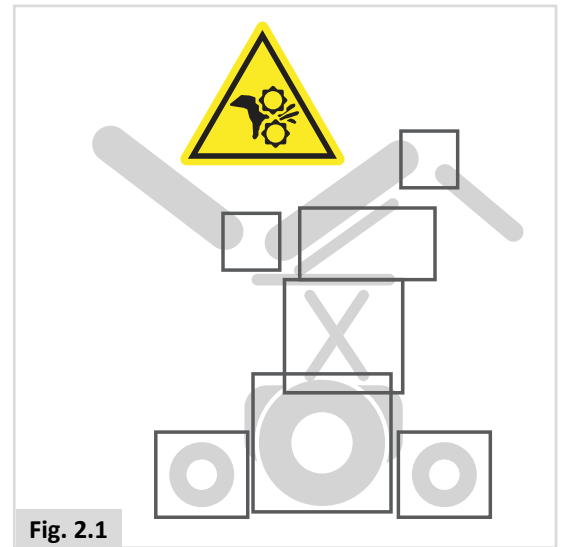


Fig. 2.1



Fig. 2.2



Fig. 2.3

### 2.3 Safety: Moving parts

#### DANGER!

A wheelchair has moving and rotating parts. Contact with moving parts may result in serious physical injury or damage to the wheelchair. Contact with the moving parts of the wheelchair should be avoided.

- Powered tilt in space adjustment
- Powered seat elevator option
- Powered recline adjustment
- Swing-away bracket of the controller

### 2.4 Safety: Choking hazard

#### DANGER!

This mobility aid uses small parts, which under certain circumstances may present a choking hazard to young children.

### 2.5 Safety: Trays

#### Safety: Vent tray

#### DANGER!

Using a vent tray will affect the stability and overall weight of your wheelchair.

- Make sure that the batteries and the ventilator are securely fastened to the tray before use.
- Familiarise yourself with the increased size of the wheelchair before driving to prevent potential collisions.
- When activating the recline backrest make sure that the area around the vent tray is clear.
- Be aware that the vent tray assembly can cause a finger trap hazard when the backrest is reclined.
- The vent tray is not designed to hold anything other than the vent unit and its batteries; it is not designed to hold an oxygen bottle etc. Use of these items may cause your wheelchair to become unstable.
- The vent tray must be installed and maintained by a Sunrise Medical authorised dealer.

#### Safety: Swing away tray:

#### DANGER!

- The maximum weight allowed for the tray is 2.5kg.
- Do not overload the tray, this could cause the tray to break or could cause the chair to become unstable.
- Do not leave lit cigarettes or other heat sources on the tray as this could cause the tray to deform and mark.
- Ensure that all extremities and clothing are clear when positioning the tray for use.

### 3.0 General Description Sedeo Pro Advanced

This wheelchair is equipped with Sedeo Pro Advanced seating system. The Sedeo Pro Advanced seating system provides good support for the head, torso, arms and legs. Optimal body support ensures maximum independence for the wheelchair user. The wheelchair must be adjusted by a qualified specialist. Incorrect settings may have negative consequences for the seating posture.

Due to its modular design, simplicity and wide range of adjustments, the Quickie Q700-UP series is a perfect choice for easy service, refurbishment and recycle requirements.

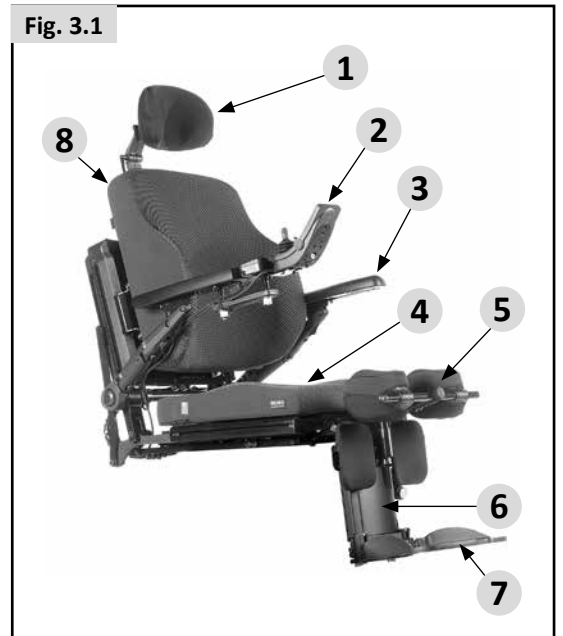
To fulfil individual preferences, needs or circumstances, the Q700-UP series is available in the following configurations:

- Midwheeldrive (MWD): Q700-UP M
- Frontwheeldrive (FWD): Q700-UP F

To have optimum seating support and individual adjustments the Q700-UP series is available in combination with the

- Sedeo Pro Advanced UP seating system.

Fig. 3.1



**Main components:**

1. **Headrest**
2. **Joystick**
3. **Armrest**
4. **Seat cushion**
5. **Knee Fixation (if fitted)**
6. **Leg rest**
7. **Footrest**
8. **Back upholstery**
9. **Power Seating/Stand-up Module (not shown)**



## Benefits of a Daily Standing

The use of any stand-up device should be done only under the prescription and supervision of a medical professional.

At the outset, it is recommended that your introduction to regular standing be closely monitored by your Physical or Occupational Therapist.

It has been documented that the regular and cyclical activity of going from the seated to the standing position may offer many benefits to those that are no longer able to stand on their own. The benefits are twofold:

- 1) There is the ability to once again function in daily activities that necessitate standing (reaching file cabinets and equipment in the workplace, accessing cupboards/stoves/shelving at home, as well as the ability to interact eye to eye); and,
- 2) The potential of physical benefits that result from repeated standing (these benefits may include improved; range of motion, bone density, circulation, bowel and bladder function, etc.).



### **WARNING!**

#### **Elevation to standing position:**

- Elevation to standing position and operation in standing position must only be done on a flat surface. When the chair is in elevated position, never reach out from the chair, due the higher tipping risk.
- The operation of the Stand Up function (and other pre-defined seating positions) will cause multiple actuators to operate simultaneously.
- If the seating system operates unintentionally or erratically immediately switch off the system with the On/Off button.



### **CAUTION!**

#### **Positioning Belt:**

Quickie positioning belts are designed to position the user only and will not protect you in an accident. You may even receive further injury from the belts.

## 4.0 Setting up the seating system

The average wheelchair user does not exist. This is why Sunrise Medical wheelchairs can be adjusted according to specific needs of the user.

In this, we make a distinction between wheelchair settings and wheelchair seating adjustment options. Settings are carried out once, the first time the wheelchair is going to be used. They must be executed by qualified specialist, unless explicitly stated otherwise. Seating adjustment options can be carried out by the user. These adjustment options do not require the use of tools.

### Tool and calibration marks

A M5 Allen key is supplied with the seating system. This can be used by a professional for adjusting all of the seating system settings. The M5 Allen key (A) can be found on the frame at the location indicated in Fig. 4.1.

### 4.1 Pre-set the seat plate width

Lift the seat cushion off the Velcro® strips to access the seat plates.

- Use a 5.0 mm Allen Key, (Hex Wrench).
- Adjust the seat plate width by loosening the four/six screws, circled in Fig. (4.2) for the UP and in Fig (4.3) for the Sedeo Pro Advanced.
- Slide the plates outwards or inwards to achieve the required seat width.
- The seat width is indicated by the scale that runs alongside each slot (Fig.4.2).
- Tighten the four/six screws securely.

### ⚠ CAUTION!

After finishing seat width adjustments, make sure that the armrest can be flipped up without colliding with the backrest. Not doing so can lead to damaging the product severely.

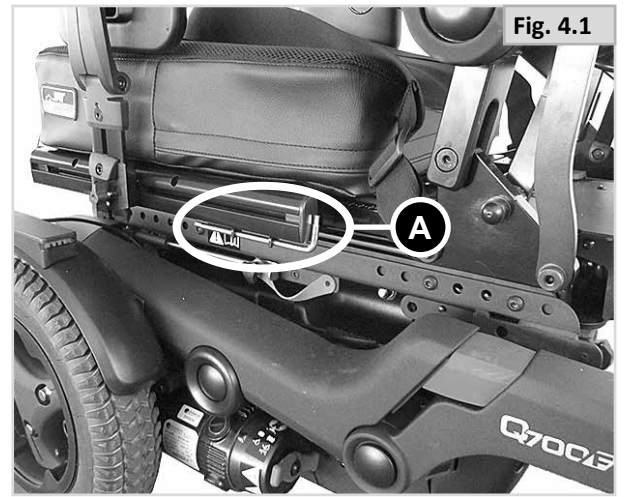


Fig. 4.1

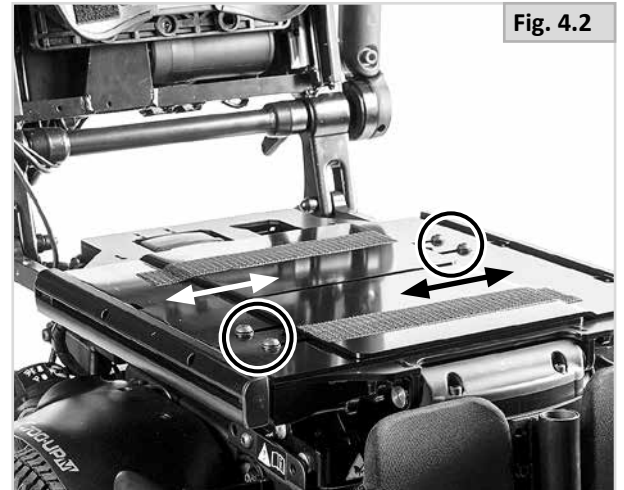


Fig. 4.2

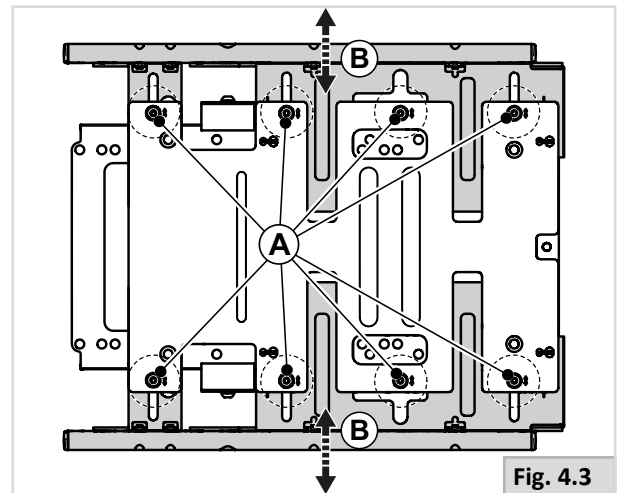


Fig. 4.3

## 4.2 Pre-set seat depth, (Fig. 4.4)

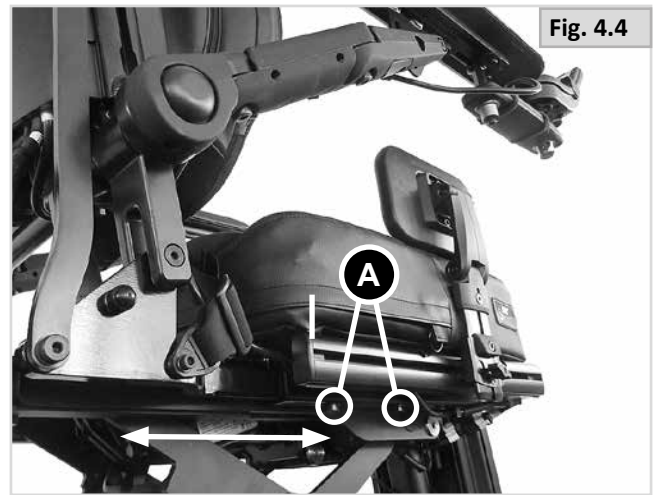
### ⚠ CAUTION!

When a bigger seat depth is required, ensure that the cables are lengthened before the mechanical adjustment takes place.

Be aware. As described below, there is a different procedure for adjusting the seat depth in case of Sedeo Pro Advanced with a standing function (Sedeo Pro Advanced UP).

### ⚠ DANGER!

We strongly recommend that you contact your Sunrise Medical approved service agent to adjust the seat depth, because adjusting the seat depth will affect the centre of gravity.

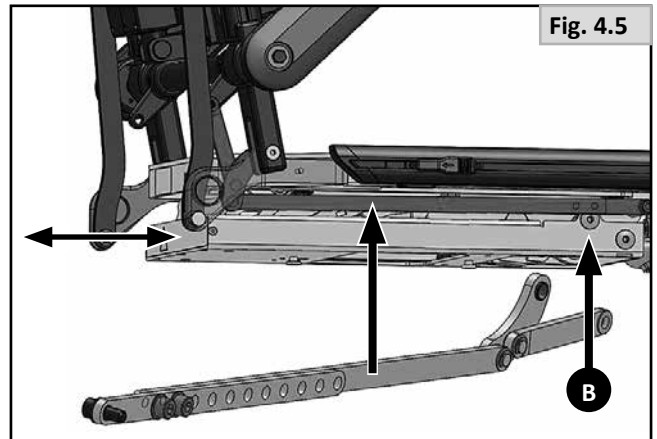


### 4.2.1 Sedeo Pro Advanced (Standard), (Fig. 4.4)

- Use a 5.0 mm Allen Key, (Hex Wrench).
- Loosen the 2 screws, (A), on the bottom of the outer seat plate, but do not take the screws out as these prevent the shift pieces from pulling out.
- The back assembly can now be shifted backwards or forwards to adjust the seat depth.
- Tighten the screws.

### 4.2.2 Sedeo Pro Advanced UP

- Use a 5.0 mm Allen Key, (Hex Wrench).
- Loosen the two screws on both sides (A), on the bottom of the outer seat plate, and take the bolts out (Fig 4.4).
- The back assembly can now be shifted backwards or forwards to adjust the seat depth.
- Tighten the screws.
- In addition, adjust the armrest linkage simultaneously corresponding the marker holes (B in Fig. 4.5).



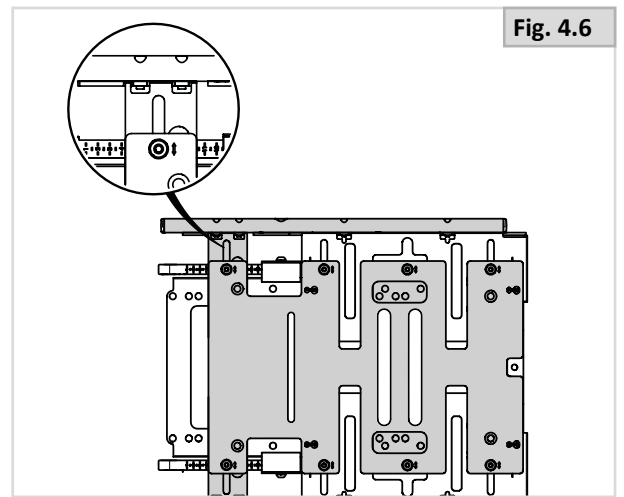
### ⚠ DANGER!

Adjusting seat depth on a Q700 UP requires additional steps.

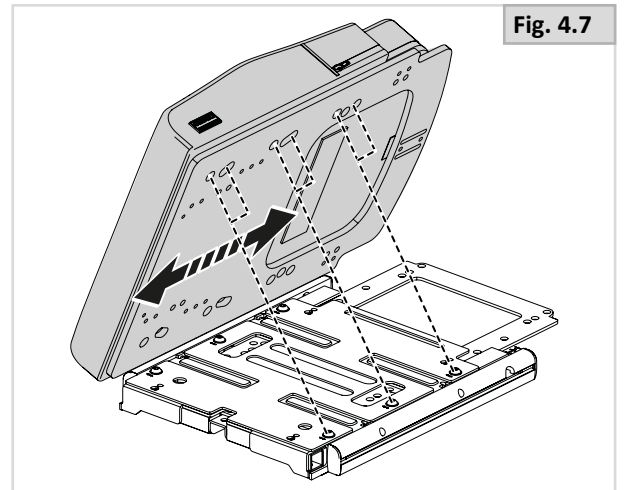
- Besides the seat depth adjustment as described in 4.2.2, the armrest linkage (Fig. 4.4) needs to be adjusted simultaneously.
- Use the corresponding markings on the seat depth in parallel to the armrest linkage.
- Not doing so will lead to mechanical clashes and results in damaging the product.

**Seat cushion depth (Fig 4.6)**

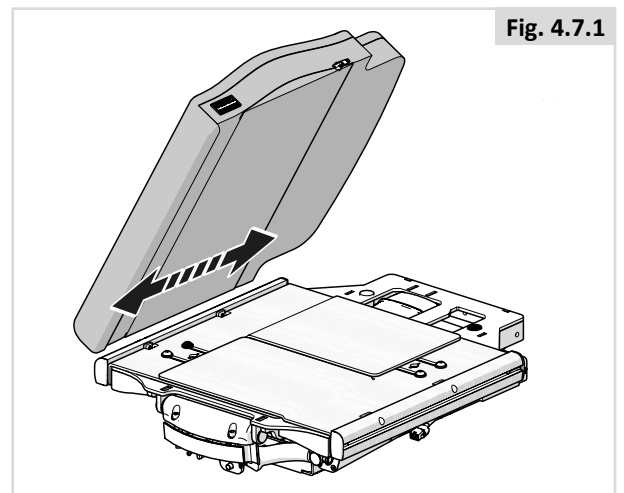
For the standard seat cushion position, use the holes in Fig. 4.7. The cushion can be positioned one position more to the front to create extra seat depth.



**Fig. 4.6**



**Fig. 4.7**



**Fig. 4.7.1**

### 4.3 Pre-set armrests

#### Pre-set armrest height

#### Pre-set reclining flip back armrests

##### Armrest height

Fine or gross adjustment, it is a two-part process:

##### Part 1 (Fig. 4.8)

1. Loosen (A) in order to adjust (B).

##### Part 2 (Fig. 4.9)

2. Loosen (A) in order to adjust (B).
3. Retighten the screws (A in Fig. 4.8) with a torque of 30Nm.

##### Armrest pad depth (Fig. 4.10)

1. Loosen both screws (A) by one turn.
2. Adjust (B) to the desired position.
3. Tighten (A) with a torque of 9Nm.

##### Armrest width adjustment (Fig. 4.11 and 4.12)

1. Using 8mm hex tool, loosen both screws (A) by one turn.
2. Adjust (B) in or out to the desired position.
3. Tighten (A) with a torque of 50Nm.

#### WARNING!

All screws should be checked periodically for tightness. A loose arm pad could slip down when pressed. See maintenance schedule in section 7.1.

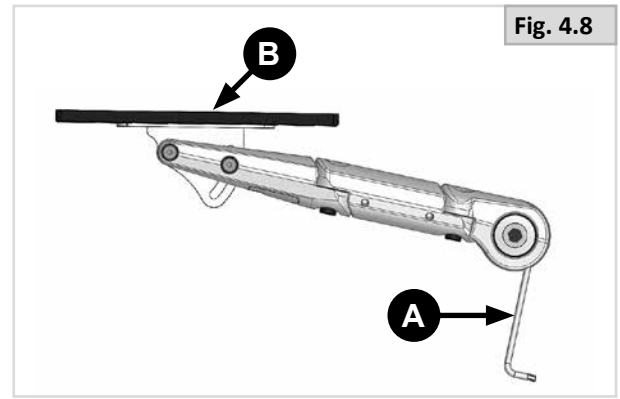


Fig. 4.8

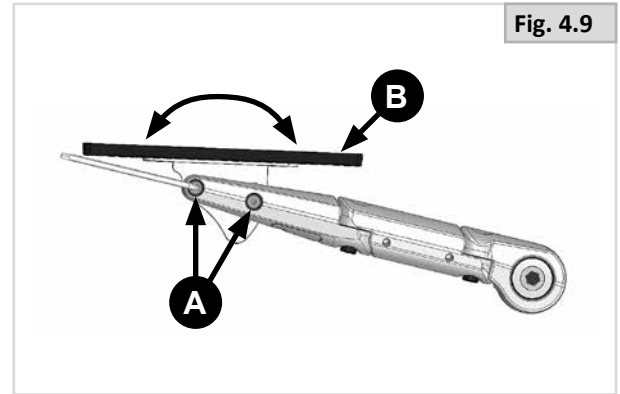


Fig. 4.9

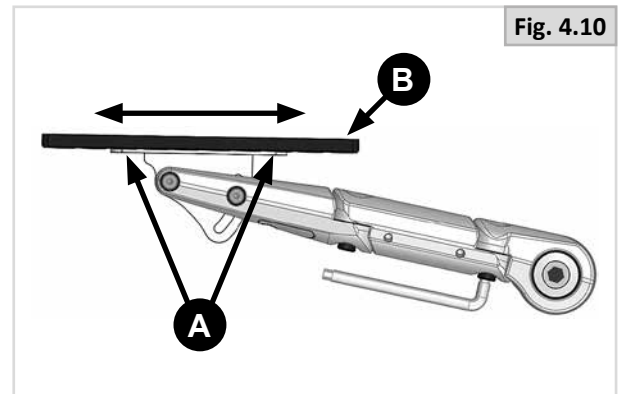


Fig. 4.10

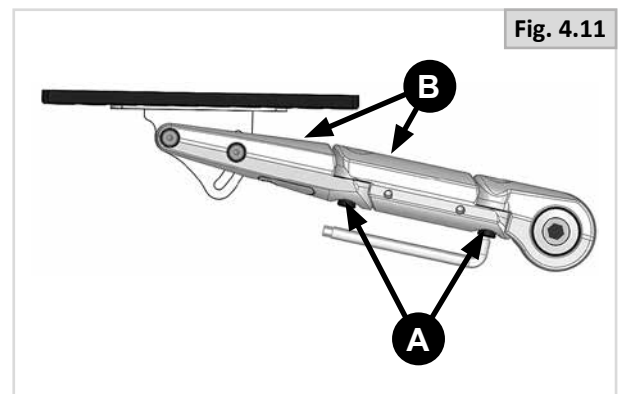


Fig. 4.11

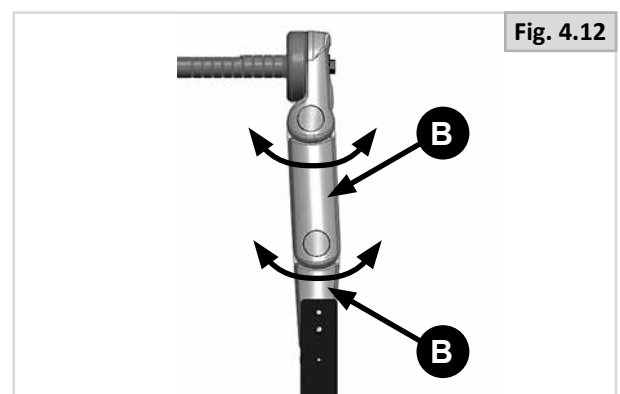


Fig. 4.12

#### 4.4 Pre-set seat width

##### Pre-set the armrest width:

**NOTE:** Only if the armrest width adjustment of Fig.4.11 & 4.12 is not enough, the armrest axle can be moved out.

- Loosen the two screws (5.0mm Allen key) on the traversing tube as shown in (Fig. 4.13 - A).
- Move the armrest receiver brackets to the desired position.
- Tighten the screws firmly prior to use.

##### CAUTION!

- Please check that the new arm rest position does not interfere with any seat positioning.

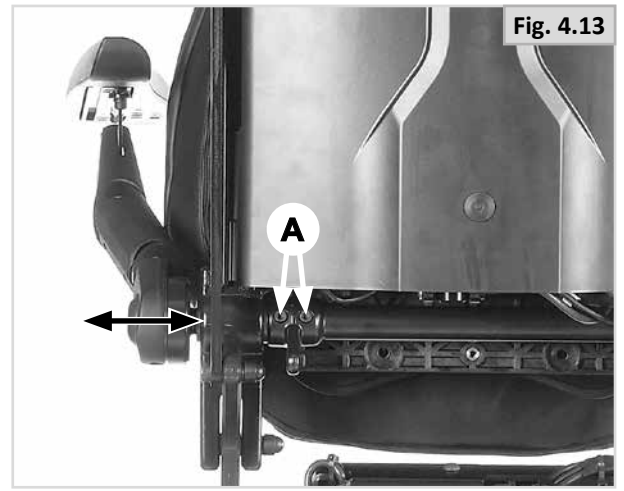


Fig. 4.13

#### 4.5 Pre-set Leg Lower Leg Length (Sedeo Pro Advanced)

##### WARNING!

- Be aware of your environment to make sure you do not injure your legs when Leg Rests are extended.
- Always ensure that the Leg Rests or footplates do not come into contact with the casters before driving the wheelchair.
- Leg Rests are not to be used for lifting or carrying the wheelchair under any circumstances.
- As with all moving parts be careful not to trap your fingers, (Fig. 4.14).

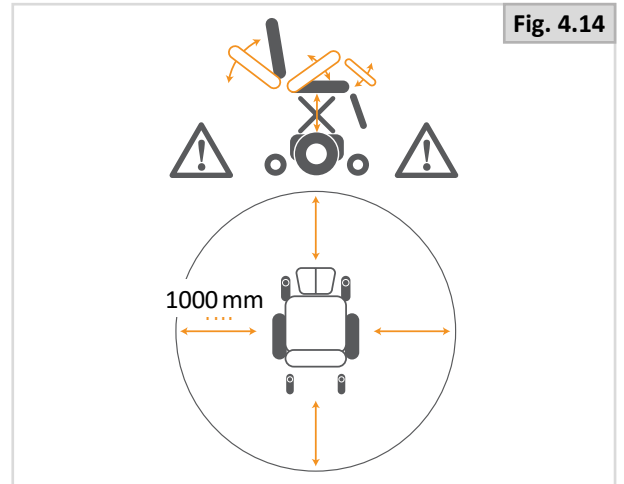


Fig. 4.14

##### Pre-set footplate height and angle

The power centre mount footrest allows angle adjustment from 90° to 180° level to ground and a 185 mm powered length extension. The left and right footplate can be adjusted by an angle of +/- 5.0° and has a mechanical height range adjustment of 200 mm to 460 mm measured from the footplate to the seat pan.

##### Pre-set footplate height:

- Undo the 2 bolts with a 5.0 mm Allen key, (A-Fig.4.15).
- Slide the footplate receiver up or down to the height required.
- Tighten the 2 bolts securely.
- Repeat for the other side.

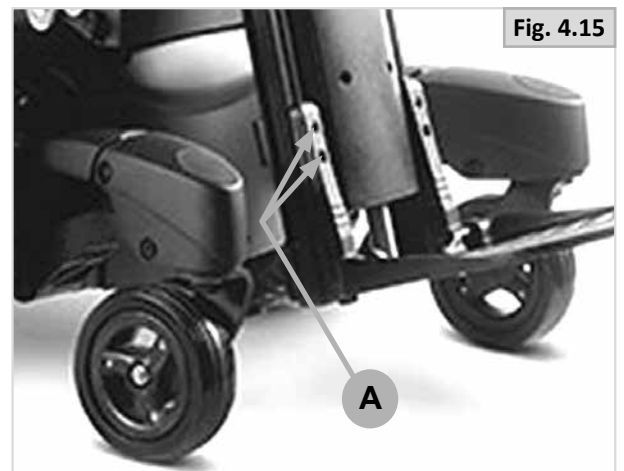


Fig. 4.15

##### Pre-set footplate angle:

- Flip up the footplate so that you can reach the angle setting screw, (B-Fig.4.16).
- Use a 5.0 mm Allen key to adjust the bolt in or out depending on the angle required.

##### WARNING!

- After adjustment and with the seat in its normal drive position: Ensure there is a gap of, (>25 mm.), between the floor and the footplate at all times when manoeuvring the Footplate up or down.
- Perform this test with the user sitting in the chair loading the leg rest.

Using the chair with the leg rest set too low might result in personal injury or damage to the wheelchair and its surroundings.

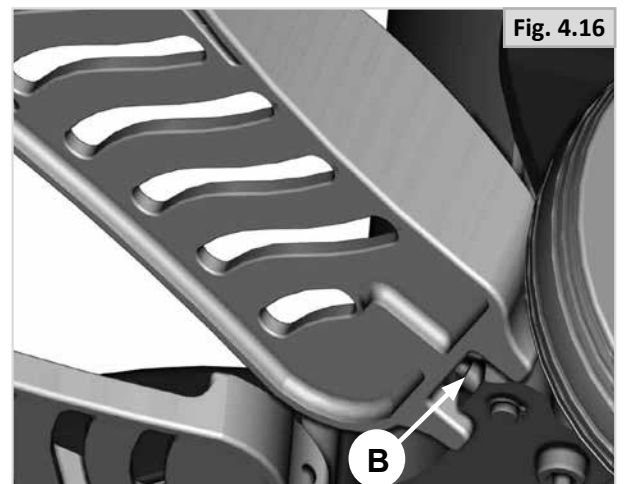


Fig. 4.16

## 4.6 Pre-set Leg Rests and footplates (Sedeo Pro Advanced UP)

### 4.6.1 Pre-set lower leg length (Fig 4.17):

- Loosen bolts and take them out (2x bottom ones) at both sides of the footplates. (C).
- Put footplates in desired position.
- Tighten bolts (2x bottom ones). (C).

Pre-set footplates individually (Fig 4.18):

They height of the footplates can be individually set by:

- Loosen 4 bolts (A)
- Turn screw B (fig 4.16) to adjust footplate height.
- Tighten 4 bolts (A)

### 4.6.2 Depth adjustment of the knee fixation (Fig. 4.19 - 4.20):

The depth of the kneepads can be adjusted by turning the knob (D).

### 4.6.3 Width adjustment of the knee fixation (Fig. 4.19 - 4.20):

- Loosen bolts (E).
- Put kneepads in desired position.
- Tighten bolts (E).

### 4.6.4 Height adjustment of the knee fixation (Fig. 4.19 - 4.20):

2 ways:

Adjust position of knee fixation receiver (2 positions).

- Loosen bolts (4x). (F).
- Put knee fixation receiver in desired position.
- Tighten bolts (4x). (F).

Flip around the kneepads (2 positions). These are mounted off-centred → 2 positions.

- Loosen bolts (E).
- Flip the kneepads around.
- Tighten bolts (E).

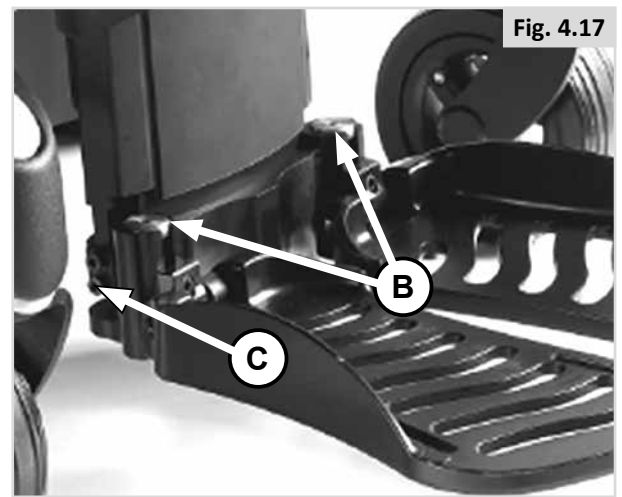


Fig. 4.17

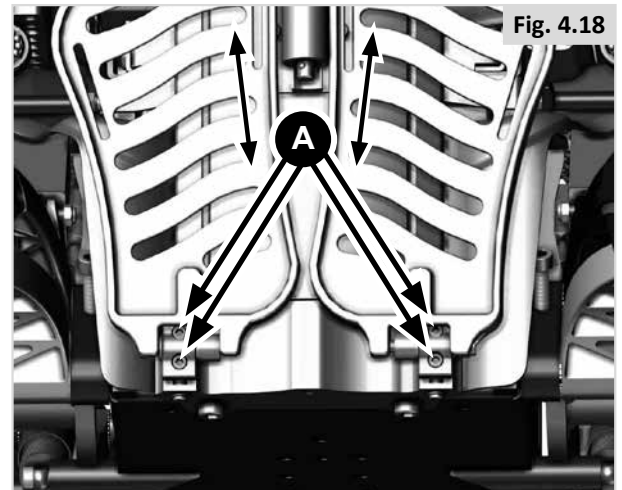


Fig. 4.18



Fig. 4.19

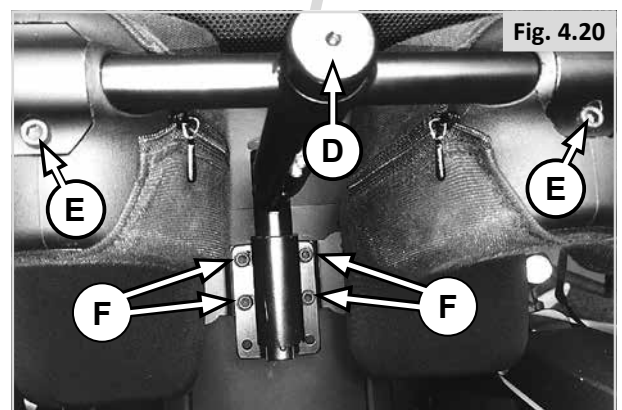


Fig. 4.20

## 4.7 Back Adjustments

### 4.7.1 Sedeo Pro Adjustable Back

#### Backrest height (Fig 4.21)

1. Loosen (A) by one turn.
2. Adjust (B) to the desired position.
3. Tighten (A).

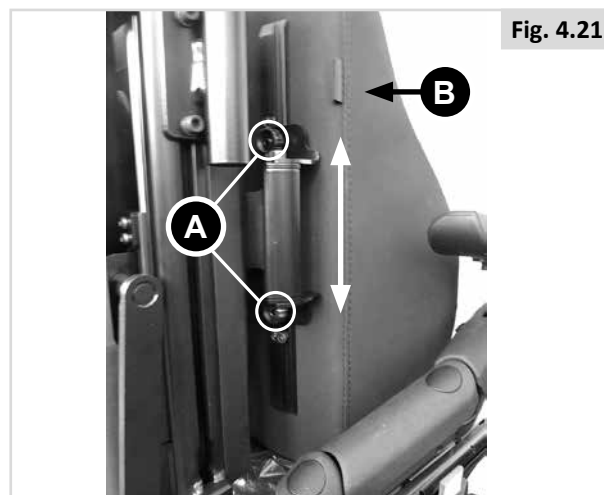


Fig. 4.21

#### Backrest Flexible curvature (Fig. 4.22)

The wheelchair has a padded backrest that can be adjusted to the curvature of the back in order to achieve a comfortable sitting position and good stability. The user can sit in the wheelchair when adjustments are being made to the curvature of the backrest.

1. Open zipper
2. Press A to release strap
3. Release or tighten each strap individually
4. Release A to keep the setting of the strap

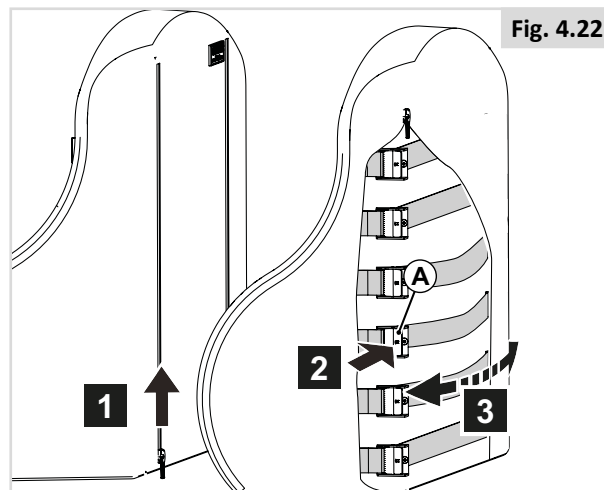


Fig. 4.22

### 4.7.2 JAY Syncra

Mounting and adjusting the Syncra Back should be done without the user in the power chair.

Remove the foam and cover from the back shell until the mounting and adjustments are complete. Once complete, replace foam and cover to the shell assembly.

After finishing the Syncra Back installation, the user can be seated back in the wheelchair.

#### Height Adjustment (Fig. 4.23)

1. Using 5mm hex key, loosen four M8 flanged button head cap screws (D).
2. Slide shell assembly up or down to desired height.
3. Re-tighten the screws.

2" of height adjustment is available in the shell assembly.

If a lower back height is desired, shell assembly (E) can be placed in bottom holes of the bracket.

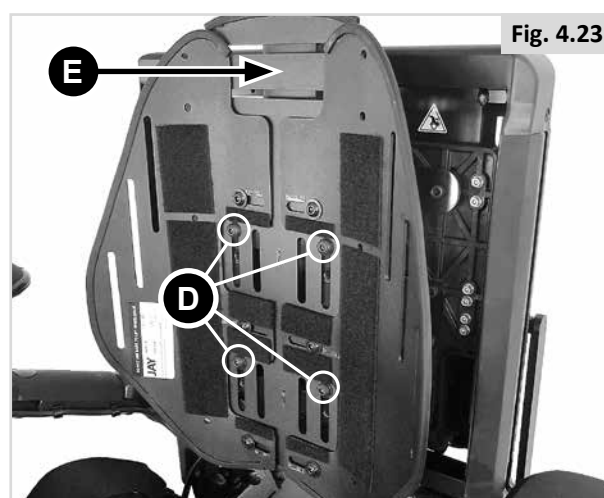


Fig. 4.23

#### D. Width Adjustment (Fig. 4.24)

Shell assembly can grow a total of 2" (1" per each shell side). Foam and cover can accommodate a total of 1" width growth. If more than 1" of width growth is needed, new foam and cover must be ordered in the next size.

Please contact your dealer or Sunrise Medical.

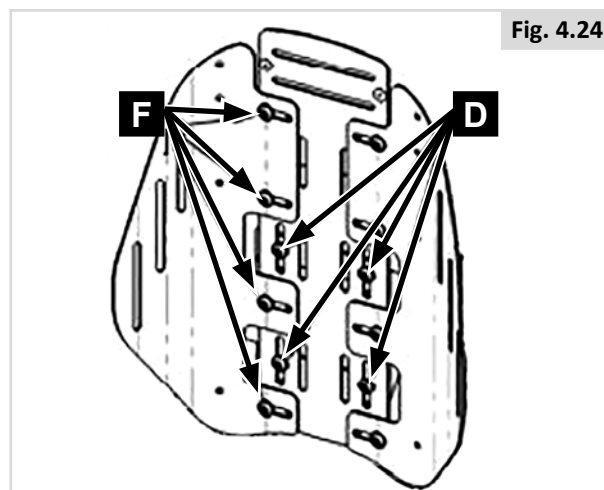


Fig. 4.24



### 4.7.3 JAY 3 Back


Mounting and adjusting the JAY 3 should be done without the user in the power chair.

Remove the foam and cover from the back shell until the mounting and adjustments are complete. Once complete, replace foam and cover to the shell assembly.

After finishing the JAY 3 installation, the user can be seated back in the wheelchair.

#### Height Adjustment (Fig. 4.25)

1. Using 5mm hex key, loosen four M6 screws (D).
2. Slide shell assembly (E) up or down to desired height.
3. Re-tighten the screws.

 **NOTE:** The JAY 3 Backrest can be used in conjunction with the Sedeo Pro Advanced seating system. Please refer to the J3 Back Owner's Manual for fitting and adjustment.

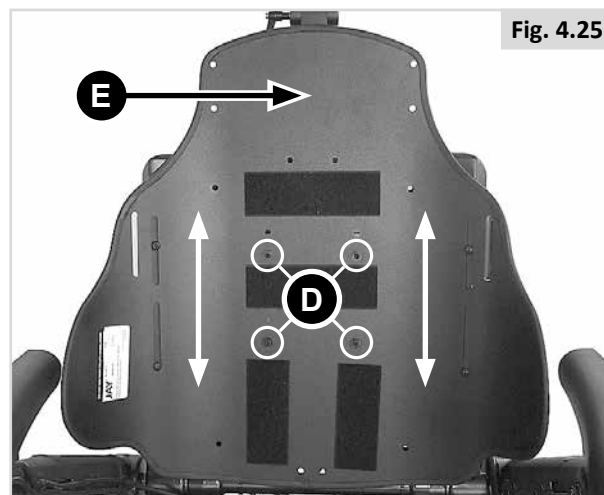


Fig. 4.25

### 4.8 Pre-set headrest

**⚠ DANGER! / WARNING!**

- If a headrest is part of the options selected for the user/chair, never drive the chair without the headrest attached.
- Never use the chair without a headrest if a person is transported with the chair in a vehicle.

#### Headrest height (Fig 4.26)

1. Loosen (A) a few turns.
2. Adjust (B) to the desired position.
3. Tighten (A).

#### Memory setting (Fig 4.27)

1. Loosen (C) by one turn.
2. Slide (D) as far down as possible.
3. Tighten (C).

#### Headrest position (Fig 4.28)

1. Loosen (A) by one turn.
2. Adjust (B) to the desired position.
3. Tighten (A).

**⚠ NOTE / CAUTION!**

Correct the headrest height and tilt the headrest cushion as required.

#### Headrest cushion width position (Fig 4.29)

1. Loosen (A) by one turn.
2. Adjust (B) to the desired position.
3. Tighten (A).

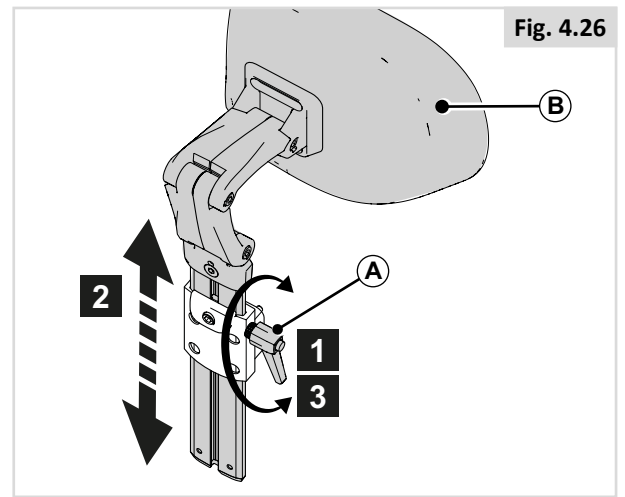


Fig. 4.26

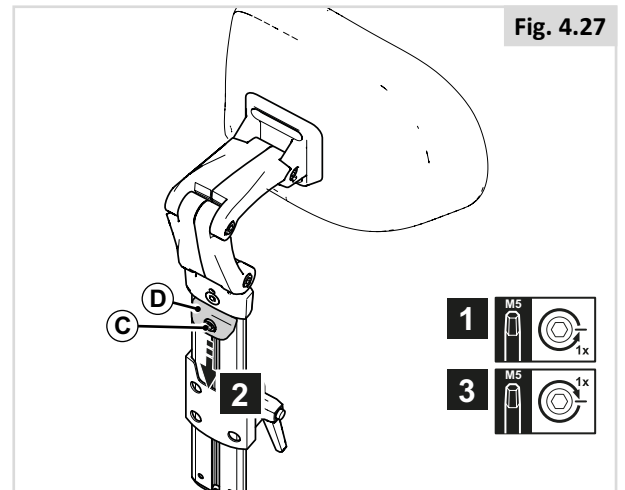


Fig. 4.27

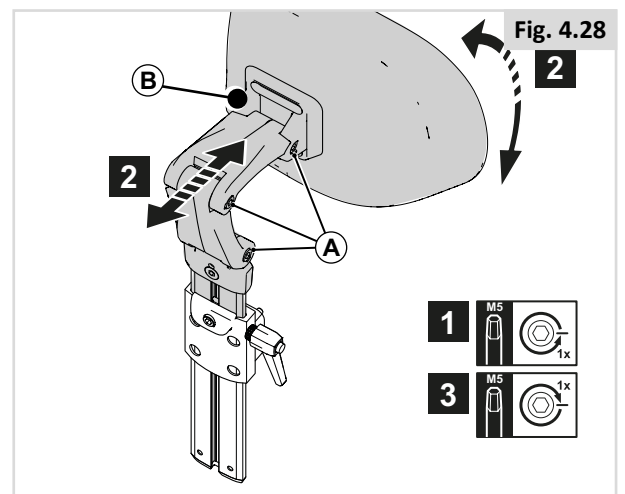


Fig. 4.28

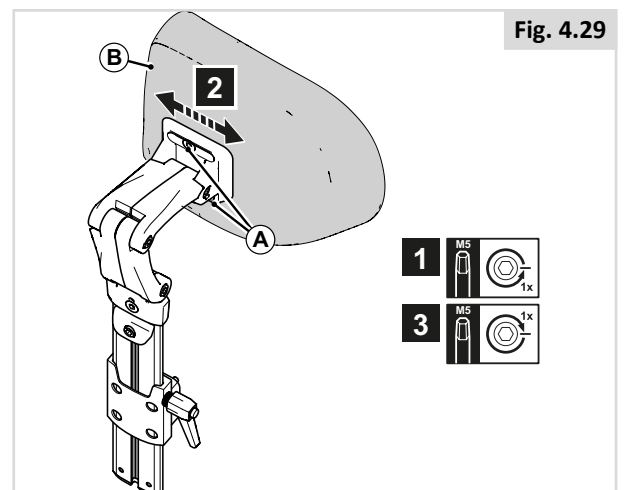
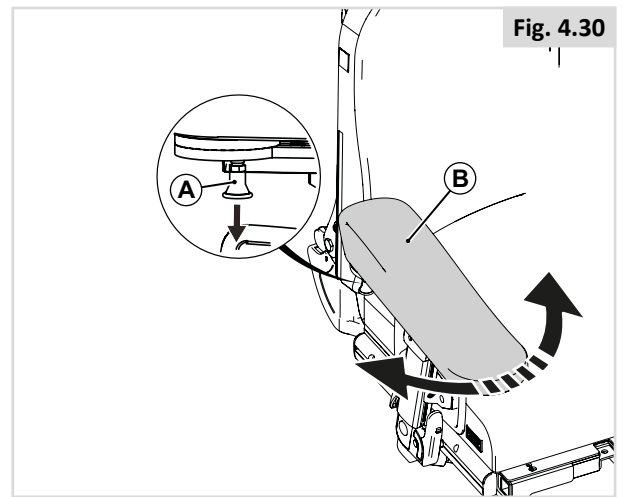


Fig. 4.29

#### 4.9 Hemiplegia armrest (Fig 4.30)

1. Pull (A) out of the locked position and twist (B) into the desired position.

**NOTE / CAUTION!**  
Ensure that (B) is properly secured!



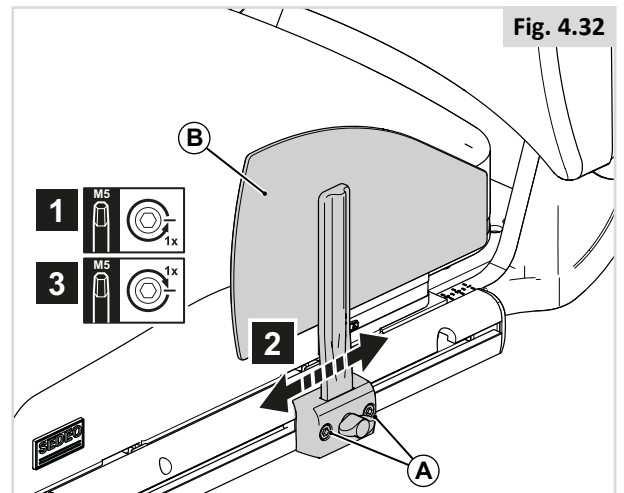
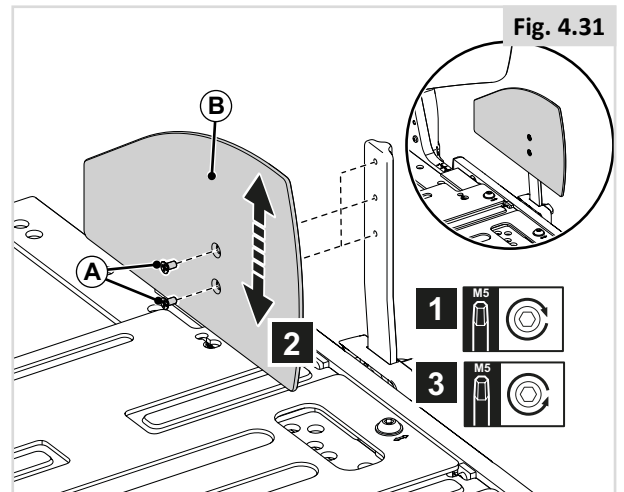
#### 4.10 Side guard

##### Side guard height (Fig 4.31)

1. Unscrew (A).
2. Adjust (B) to the desired position.
3. Tighten (A).

##### Side guard depth (Fig 4.32)

1. Loosen (A) by one turn.
2. Adjust (B) to the desired position.
3. Tighten (A).



## 4.11 Swing-away controller bracket

The joystick is mounted with a mechanism that allows the joystick to be locked in a forward or retracted position, and can accommodate a mid-line mount so the joystick can be located in the centre of the wheelchair.

### Swing-away, (Fig. 4.33).

- To Swing-away the joystick, push outward on the inside of joystick.
- Push the joystick away from the front of the armrest until it locks into the outside swing-away position.
- To return to forward position, push the back of the joystick, forward until it locks into place.
- To Swing-away the joystick to the inside, push inward on the outside of joystick.
- Push the joystick away from the front of the armrest until it locks into the inside swing-away position.
- To return to forward position, push the back of the joystick, forward until it locks into place.

### Pre-setting depth of the controller, (Fig. 4.34)

1. Loosen (A).
2. Slide (B) into desired position.
3. Tighten (A).

There are two ways to pre-set the height of the controller.

### Pre-setting height of the controller (1), (Fig. 4.35).

1. Loosen (A).
2. Slide (C) into desired position.
3. Tighten (A).

### Pre-setting height of the controller (2), (Fig. 4.36)

1. Loosen (D).
2. Slide (B) into desired position.
3. Tighten (D).

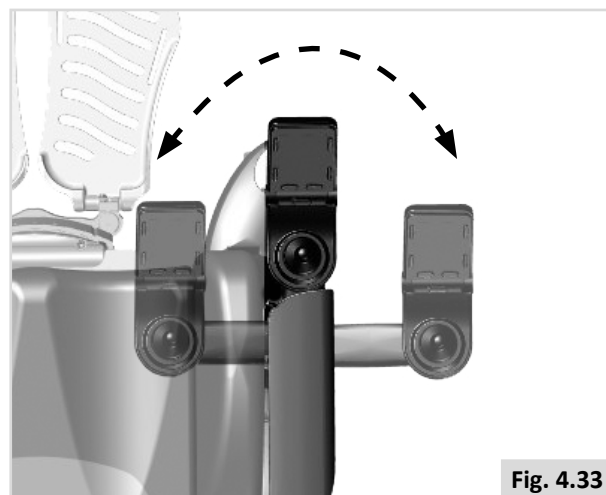


Fig. 4.33

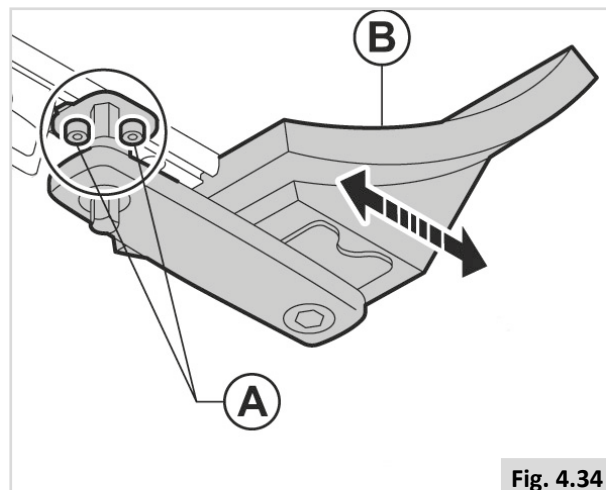


Fig. 4.34

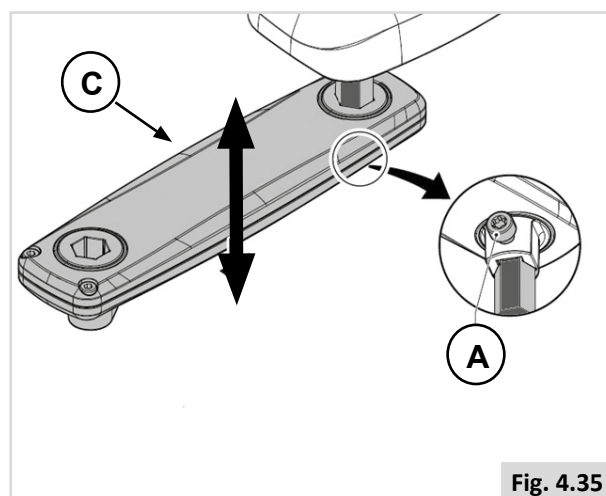


Fig. 4.35

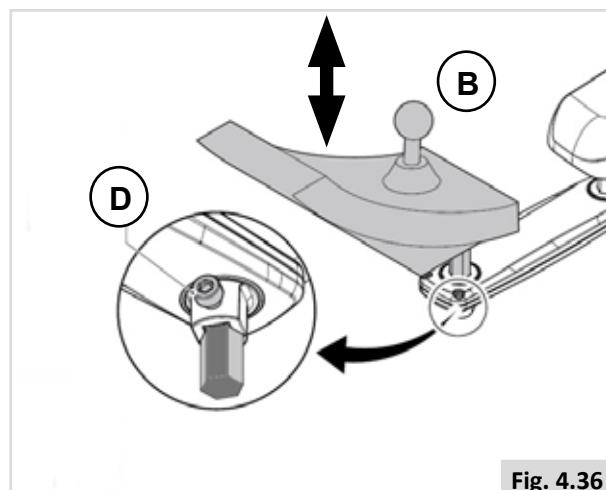


Fig. 4.36

## 5.0 Seating positioning accessories

### 5.1 Lap strap / seating positioning belt

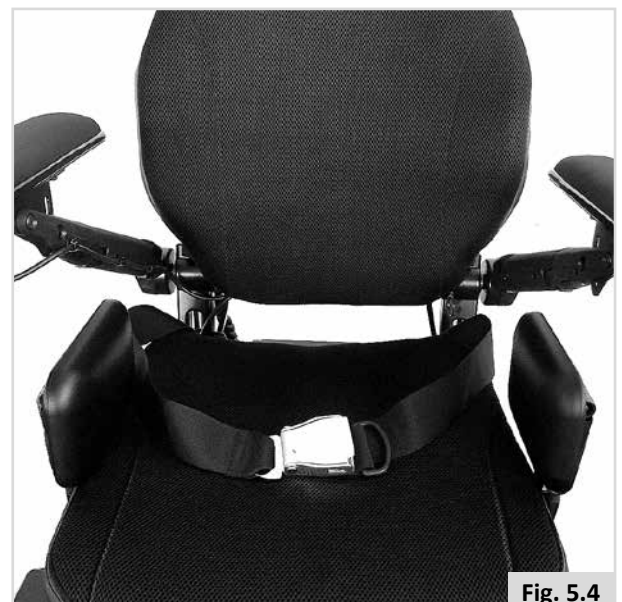
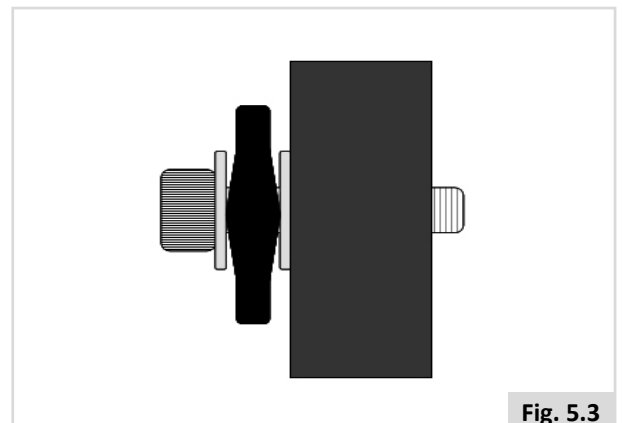
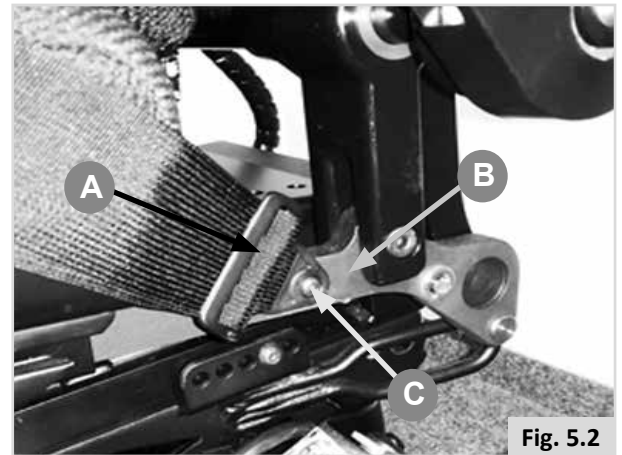
#### DANGER!

- This product is only to be used to position a single person in a wheelchair.
- Lap straps are not suitable for transit purposes, approved occupant restraint systems must be used.
- Failure to heed these warnings may result in severe injury or death.
- Ensure that the carer or attendant is trained in the correct operation of the belts.
- Untrained carers or attendants may lead to delays, if an emergency situation occurs.

#### Mounting a lap strap / seating positioning belt

Feed the bracket ends of the straps under the backrest brace bar as shown, using the lower fixing hole. Ensure that the adjuster buckles can be accessed and the strap is not twisted, (A-Fig. 5.2).

- Put a washer on the bolt.
- Pass the bolt through the lap strap-fixing bracket.
- Put the next washer on to the bolt, (Fig. 5.3).
- Screw the bolt into the lowest hole in the frame. (B-Fig.5.2)
- Tighten using a 5.0mm hex wrench to a torque value of 10Nm, (C-Fig.5.2).
- Adjust the lap strap to suit, leaving no more than a hand's width gap for comfort and safety.
- The hand clearance should be with the lap strap under normal tension and not allow large gaps or loops, (Fig. 4.7).
- Generally, the lap strap should be fixed so that the straps sit at an angle of approximately 45° (Fig. 4.8), and when correctly adjusted should not allow user to slip down in the seat.
- Place the strap loosely across the seat with the opening end of the buckle facing to the right for a left-handed person and to the left for a right-handed person. Pass the other ends of the strap through the gap between the backrest posts and the backrest. (Fig. 5.4)



## Positioning an person with a lap strap

### DANGER!

- Always make sure that the lap strap is correctly secured and adjusted prior to use.
- Too loose a strap could cause the user to slip down and cause serious injury.
- Check lap strap and securing components at regular intervals for any signs of fray or damage. Replace if necessary.
- When servicing, check for correct operation of the release buckle and for any signs of wear on the material or plastic brackets.
- Regular Checks/Activities:
  - As with all positioning components, there is a need for corrective adjustments as the person changes their seating position over time.
  - Check the belts regularly for correct fitting, to ensure the safety and comfort of the user.

### NOTE:

- Standard Sling - Lap strap movement is restricted by upholstery.
- Contoured back - Use universal bottom bracket as per recline back method.



Fig. 5.5

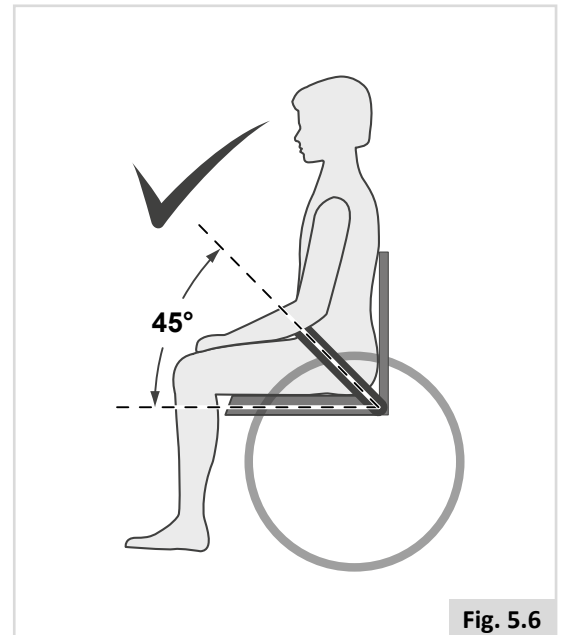


Fig. 5.6

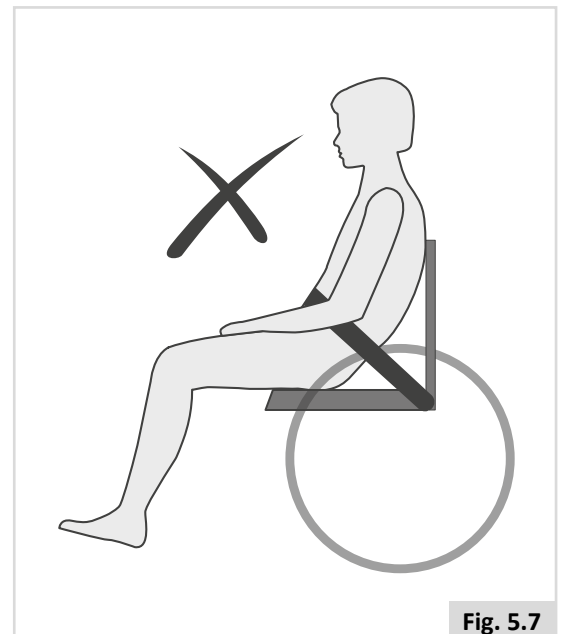


Fig. 5.7

## 5.2 Stand Up Functions (Q700-UP)

### WARNING!

- The chest strap may only be assembled and adapted by an authorized dealer.
- Before operating the stand-up function the chest strap and the positioning belt, supplied as standard has to be buckled in accordance with these user instructions.
- Always also use the knee fixation for the stand-up procedure.

### DANGER!

Due to the risk of choking, it is extremely hazardous to use the belts without using the knee fixation.

### 5.2.1 Chest strap Adjustments:

#### Setting the height of the chest strap, (Fig.5.8).

For:

**Flexible Back Seat (Fig. 5.8.1)**

**JAY Synchra Seat (Fig. 5.8.2)**

**JAY J3 Seat (Fig. 5.8.3)**

**NOTE:** A 5.0 mm Hexagon wrench, (Allen Key), is required.

#### Positioning:

- Seat the user into the chair in the correct seating position.
- Loosen the Allen screw to be able to position the chest strap at the desired height.
- Tighten the Allen screws to a torque value of 9 Nm (+/- 10%).

### DANGER!

- To prevent choking hazards the belt may not be adjusted too high or too low relative to the user's body.
- Make sure the rider does not slide in the wheelchair seat. If this occurs, the rider may suffer chest compression or suffocate due to pressure from the chest strap.
- Never use the chest strap as a patient restraint.
- Never use the chest strap on a user who is comatose or agitated.

### CAUTION!

Ensure the belt position does not interfere with any other device attached to the wheelchair.

Fig. 5.8



Fig. 5.8.1

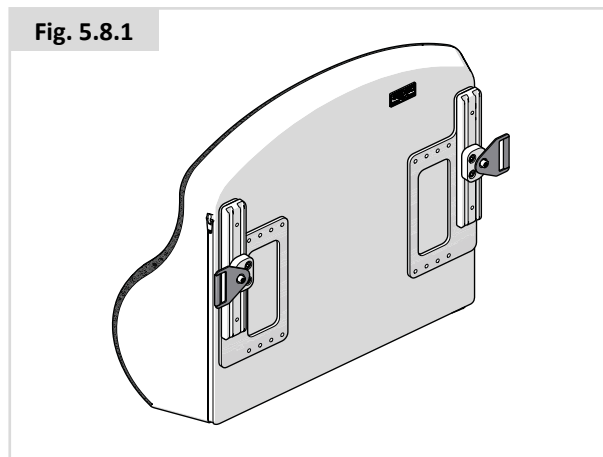


Fig. 5.8.2

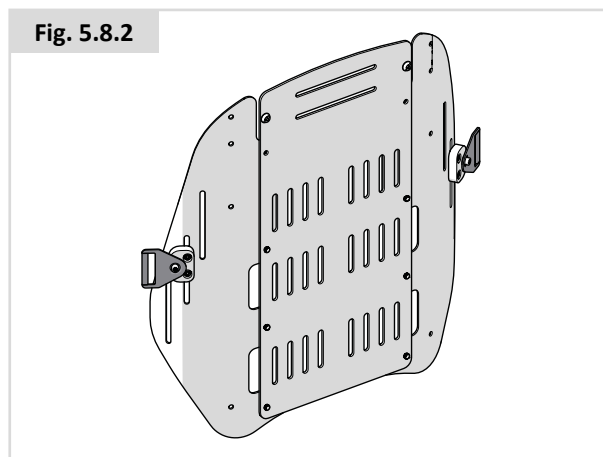
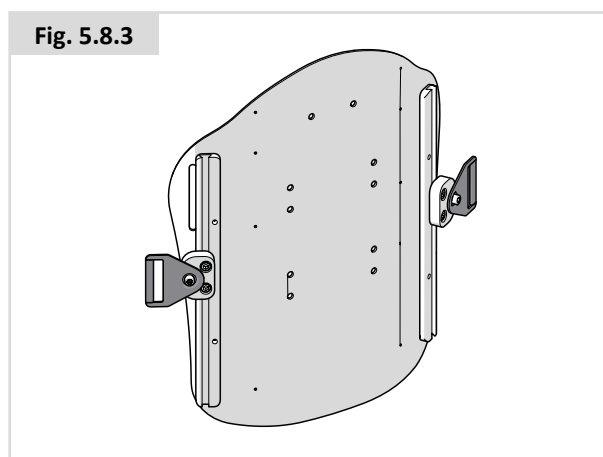


Fig. 5.8.3



**Adaptation/Adjustment:****Seat the user into the wheelchair.**

- Feed the buckle on the chest strap through the loop, (Fig. 5.11).
- Pull the chest strap so that it fully supports the users upper body firmly and comfortably, (Fig. 5.12).
- Ensure that chest strap is not too tight.
- Close the buckle until a loud click is heard, (Fig. 5.13).
- The D-Ring facilitates easy adjustment for the user, (Fig. 5.14).
- Ensure the chest strap fully supports the user and that there is enough room to fit a hands width between the user and the support. (Fig. 5.15).

**Safety:**

In addition to the chest strap latches, the chest strap incorporates two further safety features that prevent the unintended opening of the belt.

Each of the chest strap latches is secured with an overlaying safety Velcro strap. In addition to these, on each side of the chest strap there is a securing strap, which is guided through the D-Ring adding another degree of safety.

 **WARNING!**

- Never use the stand-up function without the knee fixation, chest strap and positioning belt attached and safely locked.
- Make sure the rider does not slide in the wheelchair seat. If this occurs, the rider may suffer chest compression or suffocate due to pressure from the supports.
- Never use positioning supports as a patient restraint.
- Never use positioning supports on a user who is comatose or agitated.

**Fig. 5.11****Fig. 5.12****Fig. 5.13****Fig. 5.14****Fig. 5.15**




## 6.0 Using the seating system

### 6.1 Getting in and out of the wheelchair (Transferring)

Sunrise Medical recommend that you consult your healthcare professional for assistance in developing your personal front or side transfer technique to best suit your needs and avoid any personal injury.

#### DANGER!

##### To prevent a fall:

- Ensure controller is switched off during transfers to avoid unintentional movement. If you fail to do so, you may touch the joystick and cause your system to move when you do not expect it.
- Ensure that the free wheel lever has been set to 'drive',  General manual.
- Rotate the front casters so that they point forward.
- Work with your health care professional to learn all safe methods for transfers.
- Make sure motor brakes are engaged. This keeps the system from moving when you transfer.
- It is dangerous to transfer on your own. It requires good balance and agility. Be aware that there is a point during every transfer when the seating system seat is not below you.
- Learn how to position your body and how to support yourself during a transfer.
- Have someone help you until you are sure you can do a safe transfer on your own.
- Do not stand on the footrest. Putting your full weight on the footrest may lead to wheelchair damage and to hazardous situations, including the wheelchair tipping up.
- Make sure your feet do not "hang up" or get caught in the space between the footrests.

##### Preparing for a forward transfer (Centre Mount Leg Rest):

#### DANGER!

Move your wheelchair as close as possible to the seat you intend to transfer into.

On the centre mount leg rest, flip both footplates up out of the way, (Fig.6.1 & Fig.6.2 - A).

##### Preparing for side transfer:

#### DANGER!

- Move your wheelchair as close as you can to the seat you are transferring to. If possible, use a transfer board.
- Transfer as far back onto the seat surface as you can. This will reduce the risk that you will miss the seat or fall.

##### Flip up armrest

- On the side you wish to transfer from; flip the armrest all the way up until it goes into its mechanical stop. This frees your space for side transfer. (Fig. 6.3).

Fig. 6.1

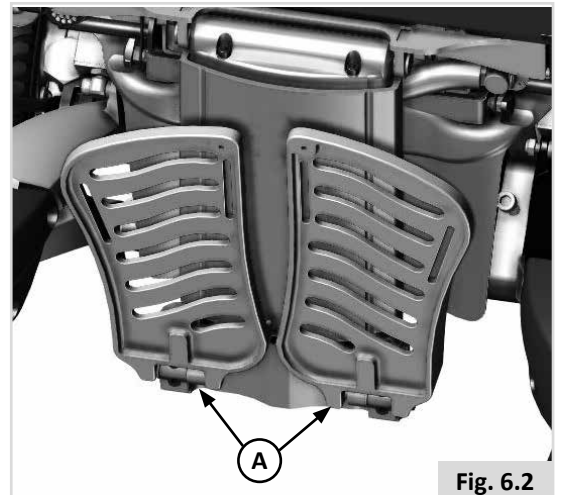
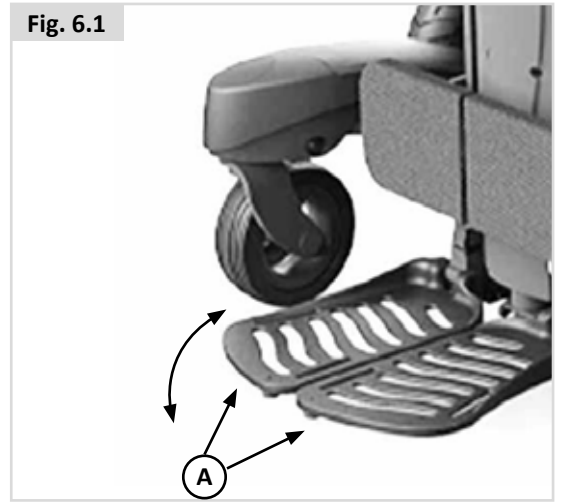


Fig. 6.2



Fig. 6.3

## 6.2 Making a transfer

Sunrise Medical recommend that you consult your healthcare professional for assistance in developing your personal front or side transfer technique to best suit your needs and avoid any personal injury.

### Preparing for a forward transfer:



#### **DANGER!**

It is dangerous to transfer on your own. It requires good balance and agility. Be aware that there is a point during every transfer when the seating system seat is not below you.

### Remove the front knee fixation:

To remove, (Fig.6.4 - Fig.6.5):

- Press the Red lever, (A), on the top of the front Knee fixation assembly.
- Gently lift the assembly up and out of the receiver.

To Refit, (Fig.6.4 - Fig.6.5):

- Press the Red lever, (A), on the top of the front Knee fixation assembly.
- Place the lower edge of the tube into the receiver.
- Push home and release the button.
- Ensure the assembly is fixed firmly in place.

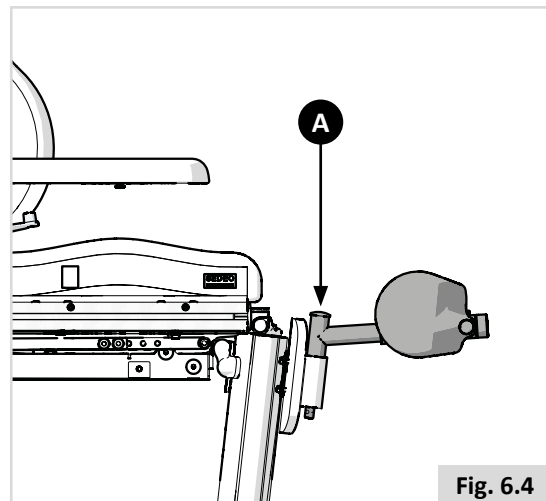


Fig. 6.4

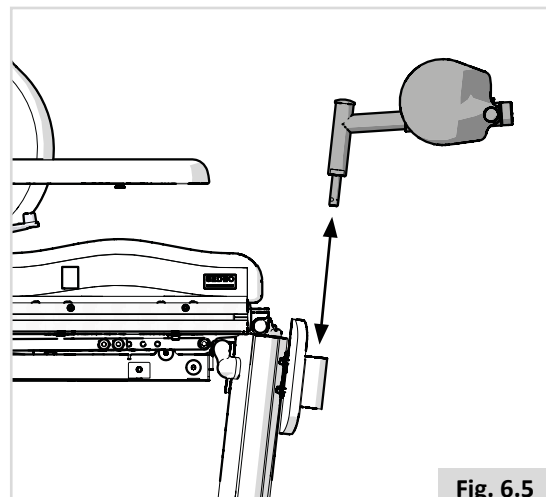




Fig. 6.5

### 6.3 (Powered) seating options

The wheelchair can be equipped by the following mechanical and/or powered options to adjust your seating position. These options can be operated by the user without the use of tools.

Powered adjustable seating options (Fig. 6.6 - Fig. 6.8).

How to operate these powered seating options can be found in  Controller +  Seating:

1. Powered posterior tilt function
2. Powered seat elevator
3. Powered backrest recline
4. Powered elevating leg rests
5. Powered stand-up function
6. Powered anterior tilt function

The wheelchair may be equipped with a feature that allows the powerchair to be driven up to 4.5kph/3mph when the seat is elevated, this feature is called C-Me. For guidance with user weight limits and recommended chair configuration when using C-Me, please refer to your Sunrise Medical authorized dealer.

#### DANGER!

- Use of the powered adjustable seating options may influence the stability of the wheelchair.
  - Only use the powered adjustable seating options when the wheelchair is on a flat surface! Do Not attempt to operate any power seating option while positioned on an incline.
  - Please stay clear of any powered actuator while the component is in motion. Sunrise power mechanisms move over large ranges of travel. Users should be aware of their surroundings while components are in motion.
  - While driving this seating system in the reclined, elevated, or tilted position use caution.
  - Do not attempt to operate any power seating option while this seating system is in motion.
  - Do not attempt to operate the lift or tilt power seating options around children.
  - Through programming it is possible to reverse the direction of all powered seating functions, ensure you know which direction your seat is going to move before operating.
  - Please be aware that the lift/tilt modules present a trap hazard. Make sure that during operation the lift/tilt modules are free from all clothing, hands, feet and other extremities, to prevent injury.
  - Do not drive on ramps or slopes with the seating in the elevated position. Before attempting to climb or descend a slope, return the wheelchair to a standard seated drive position, with the backrest upright.
  - This power system is designed to automatically reduce the maximum driving speed to a creep and/or C-Me mode when certain power seating limits are reached. Depending on the configuration of the chair there might be multiple creep and/or C-Me speeds.
  - Before operating your chair in creep and/or C-Me mode, read all warnings and guidelines related to this feature. They will help in understanding how to reduce the risk of a fall or tip-over and how to identify environmental conditions that could affect your safety when driving while the chair is in creep and/or C-Me speed.
1. When driving indoors or outdoors, in creep mode, it should only be used on flat, level, and hardscape surfaces.
  2. Driving in creep mode should never be attempted on uneven terrain like gravel, grass, bumpy surfaces, uneven pavement, or hills.
  3. NEVER raise the seat when the chair is being operated in the proximity of any of the terrain types listed above, or on any uneven surface.

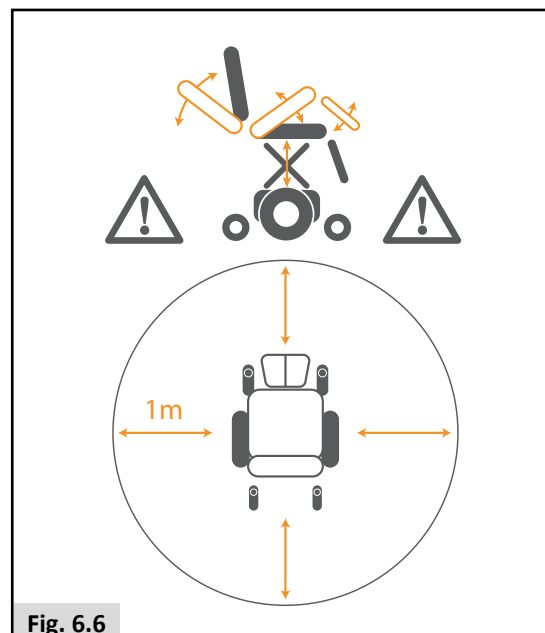


Fig. 6.6

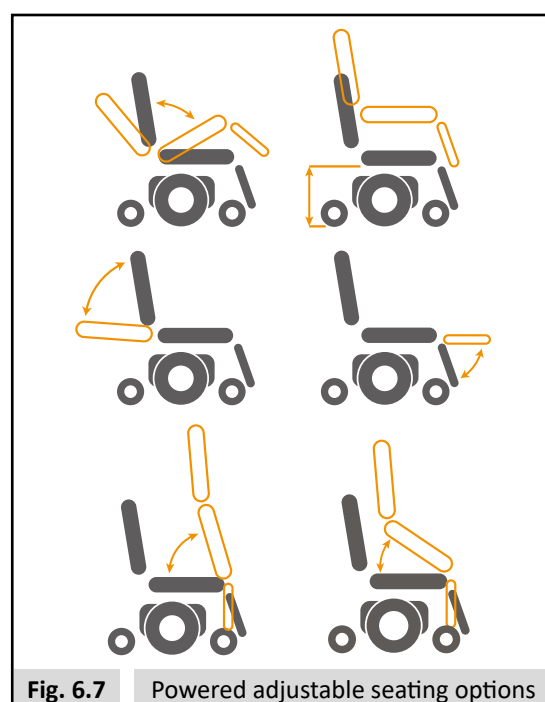


Fig. 6.7 Powered adjustable seating options

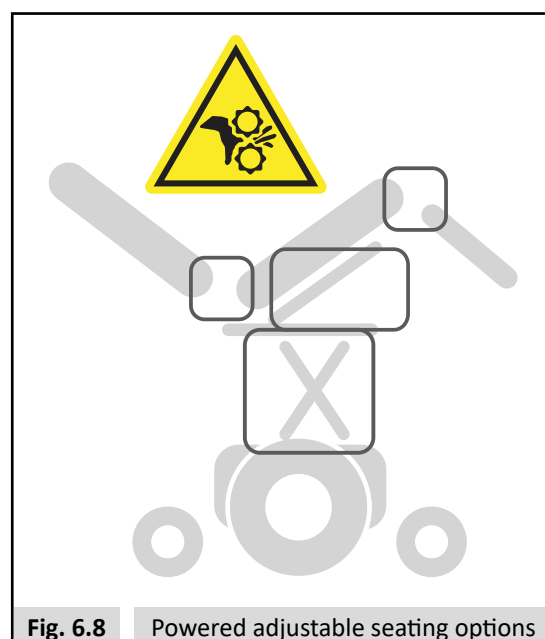


Fig. 6.8 Powered adjustable seating options

## 6.4 Seat Memory Position

The control system on the Q700-UP has five predefined seat memory positions. Each memory location has a set of factory seat positioning presets:

Seating, Stand-Up, Lie-Down, Transfer and Relax. There is a 6th Memory position (Personalised Position) that can be used as a customer-specific seat position. The Seat actuators are all working with a feedback system to track their positions and movements.

The control system on the Sedeo Pro Advanced has 3 predefined seat memory positions.

Each memory location has a set of factory seat positioning presets:- Seating, Lie-Down and Relax.

There is a 4th Memory position (Personalised Position) that can be used as a customer-specific seat position. The Seat actuators are all working with a feedback system to track their positions and movements.

This is important:

- a. To reach the required memory position.
- b. To prevent mechanical clashes of the seat.
- c. To operate the actuators especially towards the memory positions in an ergonomic, smooth and safe way.

Although there is one free programmable seat Memory position, all predefined Memory positions, if not suitable for the user, can be changed and personalised to the needs required. The software takes into account the range of the available mechanical movements and also all safety aspects.

## 6.5 Electric Seating function

### Seat function:

The seat function as described in 6.4 is a predefined 'standard' seat position.

It also creates the possibility to always return to this 'standard' seat position when you are using other memory positions (Standing, Relax or Lie down). This can be achieved by pulling the joystick backwards.

## 6.6 Electric Lie Down function

The Quickie Sedeo Pro Advanced has an electric lie down function. This function makes it possible for the user to lie down in the wheelchair.

### WARNING!

- Only use the lie down function on a sound and level surface.
- The lie down procedure automatically locks the front and rear castor arms.
- If the locking procedure fails, the chair will automatically stop in a safe position. The seat can always be returned to the normally seated position in any mode.

## 6.7 Electric Relax function

The Quickie Sedeo Pro Advanced has an electric relax seating function. This function makes it possible for the user to come to a relaxed seating position in the wheelchair.

## 6.8 Anterior Tilt Function

The Quickie Sedeo Pro Advanced has an electric anterior tilt function. This function makes it possible to support forward transfers in combination with a footplate to ground setting. This memory setting can also be used to support daily activities like reaching out for devices or things that are in a lifted reach position.

### DANGER:

The use of knee fixation is mandatory when using the anterior tilt function.

## 6.9 Electric Transfer function

The Quickie Q700-UP M/F has an electric transfer function. This function makes it possible for the user to transfer in and out of the wheelchair.

## 6.10 Electric Standing function

The Quickie Q700-UP M/F has an electric Standing function. This function makes it possible for the user to stand up in the wheelchair.

### DANGER:

The use of knee fixation and chest straps are mandatory when using the standing function.

### WARNING!

- Before using the standing function ensure that the front knee fixation is in place.
- Only use the standing function on a sound and level surface.
- The stand up procedure automatically locks the front and rear castor arm suspension (MWD).
- A load shift to the front can prevent suspension locking.
- The stand up procedure automatically lowers the front anti tip wheels (FWD).
- Do not change height setting of front anti tip wheels as that would have a negative effect on static/dynamic stability in standing function.
- If the locking procedure fails the chair will automatically stop in a safe position. The seat can always be returned to the normally seated position in any mode.

## 7.0 Maintenance and cleaning

### 7.1 General Maintenance

- All fasteners should be checked monthly for wear, such as loose bolts or broken components.
- Loose fasteners should be re-tightened according to the installation instructions.
- Check all straps monthly for fraying, ripped seams or other indications of excessive wear damage. Discontinue use if damage is found.
- Chest straps should be replaced at the first indication of damage and/or excessive wear.
- If a broken or loose component is found, discontinue use immediately and contact your authorised Sunrise Medical supplier for replacement.
- Check all Velcro fastening straps for correct adhesion when pressed together.
- Ensure that any contamination, such as fluff, hair, etc. is removed from the Velcro straps. Such contamination may affect adhesion.

### 7.2 Cleaning your seating system:

The wheelchair should be wiped over once per week with a slightly damp, not wet, cloth and any fluff or dust that has accumulated around the actuators should be blown or dusted away.

#### CAUTION!

Make sure that you dry all parts of your wheelchair if it becomes wet or damp after cleaning or if it is used in a wet or damp atmosphere.

#### DANGER!

It is important that should the wheelchair be used by more than one person it is cleaned thoroughly to ensure there is no cross infection.

### 7.2.1 Cleaning and inspection of your seating

#### WARNING!

Tears, dents, wearing or slackening of upholstery particularly near to metal could result in poor posture or lower levels of comfort and pressure relief.

#### **Cleaning instructions for seating:**

You can wash all parts of the covers with a gentle-wash detergent at 40°C. You can spin-dry the covers, but do not dry them in a dryer. You can remove all parts of the covers independently of each other and wash them separately. Take out the foam inlays prior to washing and close the Velcro fasteners!

Where upholstery cannot be removed, clean regularly to prevent build up or soiling. Clean with a damp soapy cloth however disinfectants may be used in dilution as specified by their manufacturer. Ensure surfaces are rinsed well with clean water and dried thoroughly.

### 7.3 Hygiene measures when being re-used:

Prior to the wheelchair being re-used, it must be carefully prepared. All surfaces which come into contact with the user must be treated with a disinfection spray.

To do this, you must use a suitable disinfectant for rapid alcohol-based disinfection of medical products and medical devices.

Please take into account the manufacturer's instructions for the disinfectant you are using.

#### CAUTION!

- Do not use solvents, bleaches, abrasives, synthetic detergents, wax polishes or aerosols.
- Disinfectants may be used in dilution as specified by their manufacturer.
- Ensure surfaces are rinsed with clean water and dried thoroughly.

#### 7.4 General cleaning instructions:

##### CAUTION!

- You should remove stains on your seat as soon as possible.
- After a long period of use, you should clean the cover of your seat with a standard commercially available dry foam cleaning agent.
- You should always clean the whole surface and not just individual spots in order to avoid unattractive edges. The longer you wait the more difficult it will be to remove them.
- Avoid powerful rubbing with aqueous solutions. This will roughen up cover fabric.
- Dirt stains (e.g. beer, blood, cola, red wine etc.) are best removed with the dry foam cleaning agents or with a mild action detergent.
- Please follow the respective instructions for use when treating the covers.
- The covers should be allowed to dry for at least 48 hours after cleaning with foam cleaning agents.
- Grease stains (e.g. ballpoint pen, lipstick, chewing gum etc.). Use a proprietary stain remover. Carefully rub the soiled location on the surface only with a clean cloth impregnated with the stain remover.
- Use only a very small quantity of stain remover.
- Test a small inconspicuous area first.
- The upholstery material must not be saturated, since the stain remover might then attack it and destroy it.
- Do not use a hose or a pressure washer to clean your chair.

##### WARNING!

- Always read the label on any commercial or domestic cleaning substances.
- Always follow the instructions carefully.

#### 7.5 Cleaning Accessories:

- All parts/ accessories such as swing away trays should be cleaned with a damp cloth.
- All lateral supports, headrest, armrests, side- guards, calf pads, lap belts and kneepads should be cleaned with a damp cloth.

#### Cleaning controls:

Should the control of your wheelchair become soiled or dirty, it can be wiped with a damp cloth with a dilute disinfectant until clean.

#### Cleaning controls:

Should the control of your wheelchair become soiled or dirty, it can be wiped with a damp cloth with a dilute disinfectant until clean.

##### DANGER!

- This is important should the wheelchair be used by more than one person to ensure there is no cross infection.
- Ensure that wafer boards, joysticks (all variants), head arrays and switches (all variants) are cleaned with a mild disinfectant and a cleaning cloth to avoid any cross infection possibilities. Following removal from chair regularly wash the sip and puff mouth piece and tube to maintain cleanliness and functionality.
- Ensure control is switched off before cleaning.

#### 7.6 Storage:

To keep the upholstery and other parts of the wheelchair in good condition, store in a dry environment as close to room temperature as possible.

##### CAUTION!

- Never store your wheelchair in direct sunlight or in a damp/ outdoor environment.
- Direct sunlight might bleach upholstery / plastic parts and cause metal parts to become hot.

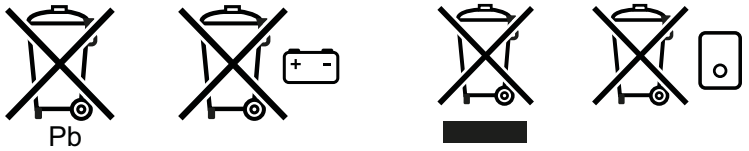
Storage Temperature: Min: -40°C Max: 65°C

No restrictions on humidity and air pressure.

## 8.0 Disposal

The symbols below mean 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 local 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 and national requirements.



In the following section, there is a description of the materials used on the wheelchair, in view of the disposal or recycling of the wheelchair and its packaging.

There may also be special local regulations in force with regard to disposal or recycling, these must be taken into account when disposing of your wheelchair. (This can include the cleaning or decontamination of the wheelchair prior to disposal).

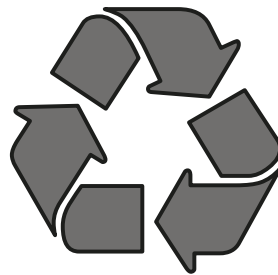
**Aluminium:** Castor forks, wheels, side-guards for the chassis.

**Steel:** Fixing points, quick-release axle

**Plastic:** Handles, tube stoppers, castors and wheel/tyre


**Packaging:** Plastic bags made of soft polyethylene, cardboard

Disposal or recycling should be done through a licensed agent or authorised place of disposal. Alternatively, your wheelchair may be returned to your dealer for disposal.




## 9.0 Trouble shooting

If the wheelchair is not working, as it should, check the following points.

- Check whether the batteries are charged.
- Turn the wheelchair off and then back on again.
- Check whether the battery plugs are all securely in place.
- Check whether the freewheel lever is in the DRIVE position
- Check the position of the speed regulator.
- Make sure that the controller isn't locked  Controller

If the problem has not been resolved:

- Consult the trouble shooting section for the controller  Controller

### 9.1 Emergency Seat Movement Mode

- Read the following instructions before starting!
- When the R-Net electronic detects an actuator feedback fault, the seating module will stop all actuator movements that may cause risks for a mechanical clash.
- If you attempt to operate actuators this will cause a system "beep" signal as soon as the joystick is moved forwards or backwards within the seating mode. No actuators will operate.
- There are situations where a user still needs to be moved into a more comfortable or safe position due to ease the transfer out of the seat.
- If seat movement is required, the Wheelchair control can be switched into the emergency seat mode to operate all actuators. **IN THIS MODE THE CONTROL IGNORES the actuator feedback and clash rules SO THERE IS A RISK OF DAMAGE.**

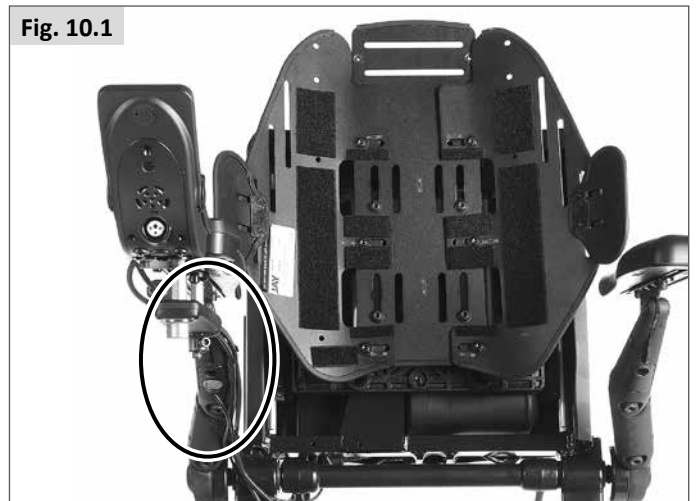
#### WARNING!

Due to the disabled clash rules within this mode function, it is important to move the seat functions careful and in a specific order to prevent unsafe conditions or damages to the seat.

### Accessing the Emergency Seat Movement Mode

1. There is a specific "Emergency Seat Mode" activation switch attached to the inner plastic cover of the right side flip back armrest (Fig.10.1). The switch may be covered with a label. Remove the label to be able to activate the switch.
2. With the chair switched on and the controller in seating mode, press and hold the "Emergency Seat Mode" activation switch and deflect the joystick forward for 30 seconds to activate the emergency seating mode.
3. Once in the emergency seating mode you will hear a beep sound every second.
4. When in the emergency seating mode, all seat elements in the joystick display will flash.
5. If the chair has a CTRL+5 the colour LEDs will turn solid blue.
6. The chair will be in drive lockout, showing the red turtle in the display.
7. If in Memory or the Seat Lift function is selected in the display, the actuators will not move when deflecting the joystick forwards or backwards.
8. Selecting a single actuator axis (Backrest Recline, Seat Tilt Back, Seat Tilt Forward, Foot Lift, Foot Length) with a left/right joystick deflection, you can then move these single actuators at 50% speed in both directions.

Fig. 10.1





## Recommended process to move the seat from standing to seated within the emergency mode

- i. When in Emergency Seating Mode select the Forward Tilt function by deflecting the joystick left/right until you see it described in the display.
- ii. Pull the joystick back and bring the seat into a horizontal position.
- iii. Operate the Foot Lift angle down to the 90° position. Make sure that the bottom rear of the footplates do not touch the ground. If this is the case move the Foot Length actuator to a shorter position and then continue to achieve the 90° legrest position.
- iv. Select the Backrest Recline actuator and move it upwards to a comfortable user position.
- v. Now select again the Forward Tilt actuator and move it further down. Watch the rear of the seat frame and stop the down movement if there is a clash risk between the rear seat frame and the motor/brake.
- vi. You may solve this situation by selecting the Tilt Back and move this down. Watch the legrest rear part to prevent clashes between the legrest and the front chassis.
- vii. This procedure will bring the seat into a comfortable user position to either exit the seat/chair or, after the motor brake release and switching off the chair, to push it with the user
- viii. To exit the Emergency Seat Mode simply power cycle the wheel chair (switch off and on again).

### NOTE!

Circumstances that do not allow the chair to switch to the Emergency Seating Mode:

1. No Battery Power
2. 1 or more Actuator power cables cut
3. Both Caster Lock Actuators are not detected by the Seating Module
4. Forward Tilt power supply for the feedback system not present
5. Malfunction of any module preventing the Joystick to select seating mode



### WARNING!

Whenever you have used the Emergency Seating Mode we strongly recommend you contact your Service Provider immediately.

## 10.0 Technical specifications:

### 10.1 Applicable norms / standards

EN-ISO10993-5: 2009	Biological evaluation of medical devices.
EN 1021 1&2	Assessment of the ignitability of upholstered furniture. Ignition source: smouldering cigarette/ match lame equivalent.

**10.2 Technical specifications:****Sedeo Pro Advanced seating system**

	Metric system values		Imperial system values & alternative	
	Minimum	Maximum	Minimum	Maximum
Seat angle adjustment				
Powered tilt with COG adjustment optional	0° - 50°		0° - 50°	
Effective seat depth	400 mm	560 mm	15.7"	22.0"
Effective seat width	380 mm	560 mm	15.0"	22.0"
Seat to floor height: Powered tilt & seat elevator (300 mm)				
pos. 1 60 Ah Batteries 0° seat angle	430 mm	730 mm	16.9"	28.7"
pos. 2 60 Ah Batteries 0° seat angle	445 mm	745 mm	17.5"	29.3"
pos. 3 60 or 80 Ah batteries 0° seat angle	460 mm	760 mm	18.1"	29.9"
pos. 4 60 or 80 Ah batteries 0° seat angle	470 mm	770 mm	18.5"	30.3"
pos. 5 60 or 80 Ah batteries 0° seat angle	480 mm	780 mm	18.9"	30.8"
Armrest height to seat plate distance	180 mm	370 mm	7.0"	14.5"
Backrest angle	85° - 175°		85° - 175°	
Powered recline with anti shear				
Backrest height	560 mm	760 mm	22.0"	30.0"
Legrest angle (powered centermount)	90° - 180°		90° - 180°	
Powered centermount				
Lower leg length	340 mm	520 mm	13.4"	20.5"
Powered centermount				

**10.3 Technical specifications:****Sedeo Pro Advanced UP seating system**

	Metric system values		Imperial system values & alternative	
	Minimum	Maximum	Minimum	Maximum
Seat angle adjustment				
Powered tilt with COG adjustment	0° - 22°		0° - 22°	
Effective seat depth	400 mm	540 mm	15.7"	21.0"
Effective seat width	380 mm	560 mm	15.0"	22.0"
Seat to floor height: Powered tilt & seat elevator (300 mm)				
pos. 1 60 Ah batteries	450 mm	750 mm	17.7"	29.5"
pos. 2 60 or 80 Ah batteries	465 mm	765 mm	18.3"	30.1"
pos. 3 60 or 80 Ah batteries	480 mm	780 mm	18.9"	30.7"
Backrest angle	85° - 175°		85° - 175°	
Powered recline with anti shear				
Backrest height	560 mm	760 mm	22.0"	30.0"
Legrest angle (powered centermount)	90° - 180°		90° - 180°	
Powered centermount				
Lower leg length	320 mm	420 mm	12.6"	16.5"
Powered centermount				

## 11.0 Warranty

### THIS GUARANTEE DOES NOT AFFECT YOUR LEGAL RIGHTS IN ANY WAY.

Sunrise Medical\* provides a guarantee, as set out in the warranty conditions, for products to its customers covering the following.

#### Warranty conditions:

1. Should a part or parts of the product require repair or replacement as a result of a manufacturing and/or material fault within 24 months, then the affected part or parts will be repaired or replaced free of charge. The warranty will only cover manufacturing defects
2. To enforce the warranty, please contact Sunrise Medical Customer Service with the exact details of the nature of the difficulty. Should you be using the product outside the area covered by the Sunrise Medical customer service agent, repairs or replacement will be carried out by another agency as designated by the manufacturer. The product must be repaired by a Sunrise Medical designated Customer Service agent, (dealer).
3. For parts, which have been repaired or exchanged within the scope of this warranty, we provide a warranty in accordance with these warranty conditions for the remaining warranty period for the product in accordance with point 1.
4. For original spare parts which have been fitted at the customer's expense, these will have a 12 months guarantee, (following the fitting), in accordance with these warranty conditions.
5. Claims from this warranty shall not arise, if a repair or replacement of a product or a part is required for the following reasons:
  - a. Normal wear and tear, which include but is not limited to the following parts where fitted; batteries, armrest pads, upholstery, tyres, brakes shoes, ferrules, etc.
  - b. Any overloading of the product, please check the EC label for maximum user weight.
  - c. The product or part has not been maintained or serviced in accordance with the manufacturer's recommendations as shown in the user instructions and/or the service instructions.
  - d. Accessories have been used which are not specified as original accessories.
  - e. The product or part having been damaged by neglect, accident or improper use.
  - f. Changes/modifications have been made to the product or parts, which deviate from the manufacturer's specifications.
  - g. Repairs have been carried out, before our Customer Service has been informed of the circumstances.
6. This guarantee is subject to the law of the country in which the product was purchased from Sunrise Medical"

\* Means the Sunrise Medical facility from which the product was purchased.

#### Additional Notes For Australia Only:

- i. For goods provided by Sunrise medical Pty Ltd in Australia, our goods come with a guarantee by Sunrise Medical that cannot be excluded under Australian Consumer Law.
- ii. You are entitled to a replacement or refund for a major failure and for compensation for any foreseeable loss or damage.
- iii. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
- iv. The benefits to you given by this warranty are in addition to your other rights and remedies under a law in relation to the goods to which the warranty relates.







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