



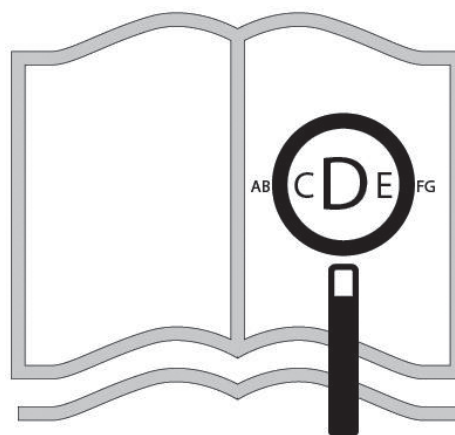
Cirrus G5

Instructions for Use

 **Breezy®**

MB3171-EN

www.sunrisemedical.com



Wheelchair Components

EN



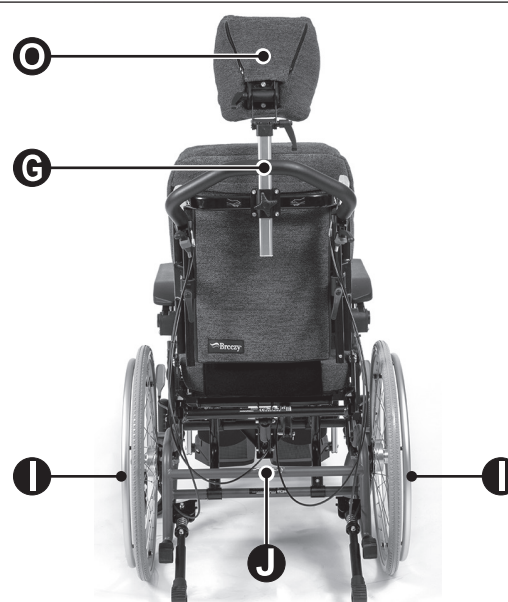
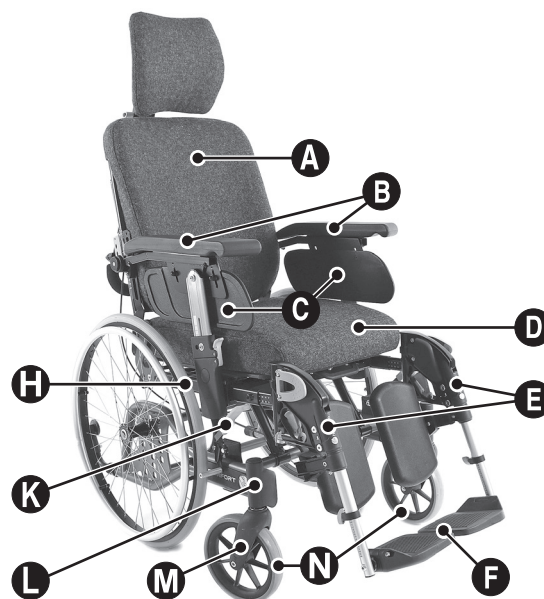
We at SUNRISE MEDICAL have been awarded the ISO-13485 certificate, which affirms the quality of our products at every stage, from R & D to production. This product complies with the standards set forth in EU and UK regulations. Options or accessories shown are available at extra cost.



EN 07

Wheelchairs:

- A. Backrest and back cushion
- B. Armrest
- C. Clothes protector
- D. Seat and seat cushion
- E. Leg support
- F. Footplate
- G. Push bar
- H. Driving wheel
- I. Hand rim
- J. Wheel block
- K. Brake
- L. Bearing housing for castor
- M. Castor wheel fork
- N. Castor wheel
- O. Headrest

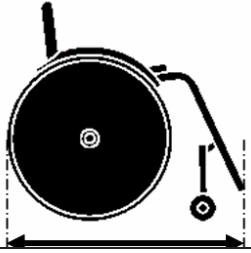
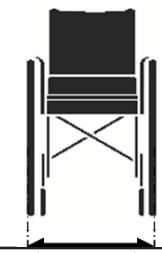
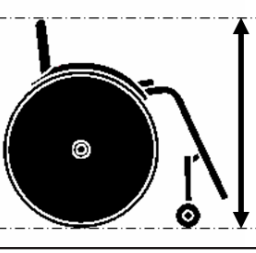
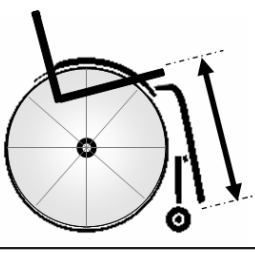
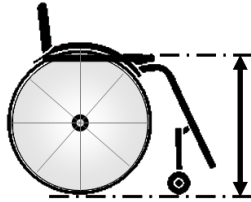
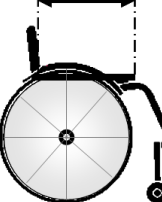
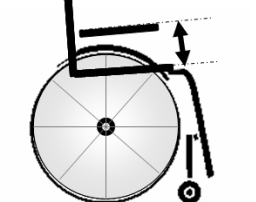
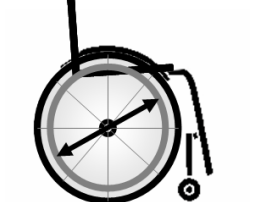
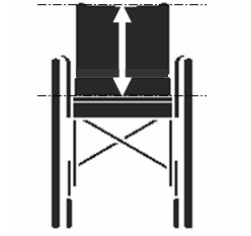

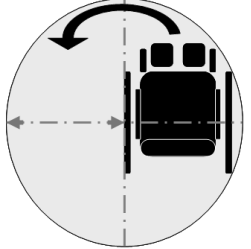
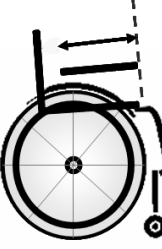
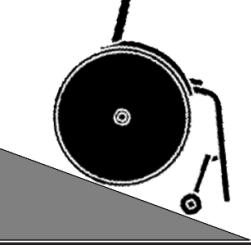
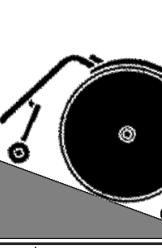

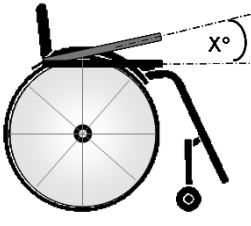
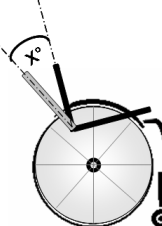
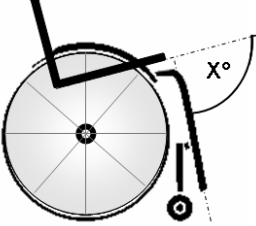
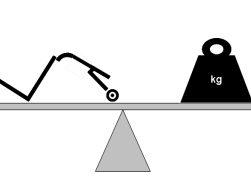
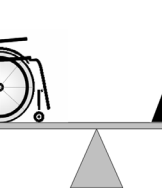

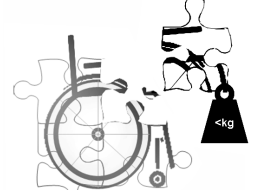


Assembly

The standard wheelchair is delivered complete. All you need to do is:

- Fold up the back - **see page 16**
- Fit the leg supports - **see page 19**



	1150 ↕ 850		780 ↕ 630		1100 ↕ 945		480 ↕ 330
	525 ↕ 375		550 ↕ 390		280 ↕ 180		535 ↕ 445
	650 ↕ 550		540 ↕ 390				
	960 ↕ 810		470 ↕ 400				MAX mm ↕ MIN mm
	7° ↕ 0°		7° ↕ 0°		7° ↕ 0°		< MAX ↕ MIN
	25° ↕ 0°		35° ↕ 0°		180° ↕ 90°		< MAX ↕ MIN
	18.0 ↕ 18.0		48 ↕ ?		135 ↕		4.0 ↕ ---



20" Rear wheel positioning			5", 6", 8" Front wheel configuration									
			A	B	C	D	E	F	C	D	E	F
	Fixed seat	Sliding seat	20" 5"	20" 5"	20" 6"	20" 6"	20" 6"	20" 6"	20" 8"	20" 8"	20" 8"	20" 8"
	a	b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c
	375	400	1 1 A									
	400	425		2 2 2 B								
	425	450			3 3 3 C							
	450	475				4 4 4 D			4 4 4 C			
	475	500					5 5 5 E			5 5 5 D		
	500	525						6 6 F			6 6 E	
	525	550										7 7 F

22" Rear wheel positioning			5", 6", 8" Front wheel configuration									
			B	C	D	E	F	C	D	E	F	
	Fixed seat	Sliding seat	22" 5"	22" 6"	22" 6"	22" 6"	22" 6"	22" 6"	22" 8"	22" 8"	22" 8"	22" 8"
	a	b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c
	400	425	1 1 B									
	425	450		2 2 2 C								
	450	475			3 3 3 D				3 3 3 C			
	475	500				4 4 4 E				4 4 4 D		
	500	525					5 5 5 F				5 5 5 E	
	525	550										6 6 F

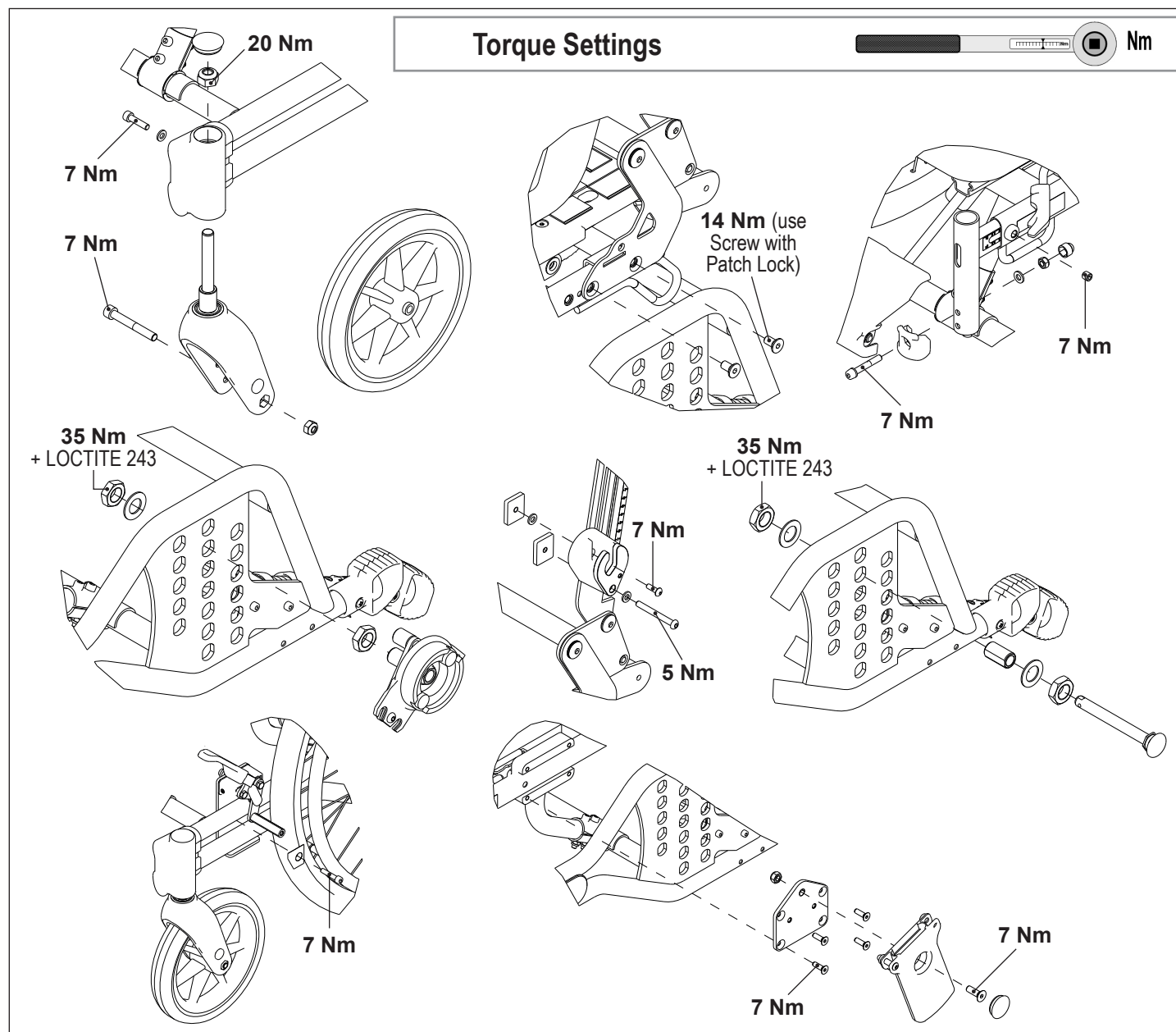
24" Rear wheel positioning			6", 8" Front wheel configuration									
			C	D	E	F	C	D	E	F		
	Fixed seat	Sliding seat	24" 6"	24" 6"	24" 6"	24" 6"	24" 8"	24" 8"	24" 8"	24" 8"	24" 8"	24" 8"
	a	b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c
	425	450	1 C									
	450	475		2 2 D				2 2 C				
	475	500			3 3 E				3 3 D			
	500	525				4 4 F				4 4 E		
	525	550									5 5 F	

16" Rear wheel positioning			5", 6", 8" Front wheel configuration									
			A	B	C	D	E	C	D			
	Fixed seat	Sliding seat	16" 5"	16" 5"	16" 6"	16" 6"	16" 6"	16" 6"	16" 8"	16" 8"	16" 8"	16" 8"
	a	b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c	a b c
	375	400	3 3 A									
	400	425		4 4 B								
	425	450			5 5 C							
	450	475				6 D			6 C			
	475	500						7 E			7 D	

Torque

NOTE: Wherever torque settings are specified, it is strongly recommended that a torque meter (not included), is verify correct torque specification is achieved. If no other information is given, the generic torque for M6 screws.

⚠ DANGER! Some of the screws that are used during manufacture are fitted with threadlock, (blue dot on the thread) and can be undone and re-tightened up to three times before they must be replaced with new screws and threadlock. Alternatively, you can put Loctite™ 243 threadlock on the screws and re-fit them.



Foreword

Dear Customer,

We are very pleased that you have decided in favour of a high-quality SUNRISE MEDICAL product.

This Owner's manual will provide numerous tips and ideas so that your new wheelchair can become a trustworthy and reliable partner in your life.

Maintaining close ties to our customers means a lot to us at Sunrise Medical. We like to keep you up-to-date about new and current developments at our company. Keeping close to our customers means: fast service, as little red tape as possible, working closely with customers. When you need replacement parts or accessories, or if you just have a question about your wheelchair – we are there for you.

We want you to be satisfied with our products and service.

At Sunrise Medical we are constantly working to develop our products further. For this reason, changes can occur in our palette of products with regard to form, technology, and equipment. Consequently, no claims can be construed from the data or pictures contained in this owner's manual.

The management system of SUNRISE MEDICAL is certified to DIN EN ISO 13485 and ISO 14001.



As the manufacturer, SUNRISE MEDICAL, declares that this product conforms to the Medical Device Regulation (2017/745).



As the manufacturer, SUNRISE MEDICAL, declares that the product conforms to the UK Medical Devices Regulation 2002 No. 618.

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.

B4Me special adaptations

Sunrise Medical strongly recommends that in order to ensure that your B4Me product operates, and performs as intended by the manufacturer; all the user information supplied with your B4Me product is read and understood, before the product is first used.

Sunrise Medical also recommends that the user information is not discarded after reading it, but it is kept safely stored for future reference.

Medical Device Combinations

It may be possible to combine this Medical device with one or more other Medical Device or other product. Information on which combinations are possible can be found at www.Sunrisemedical.co.uk. All combinations listed have been validated to meet the General Safety and Performance Requirements, Annex I Nr. 14.1 of the Medical Device Regulation 2017/745.

Guidance on the combination, such as mounting, can be found at www.SunriseMedical.co.uk

Please contact your local, authorised SUNRISE MEDICAL dealer if you have any questions regarding the use, maintenance or safety of your wheelchair.

In case there is no authorised dealer in your area, or you have any questions, contact Sunrise Medical either in writing or by telephone.

Sunrise Medical

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West Midlands

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www.SunriseMedical.co.uk



IMPORTANT:

DO NOT USE YOUR WHEELCHAIR UNTIL THIS MANUAL HAS BEEN READ AND UNDERSTOOD.

Use

Wheelchairs are exclusively for a user who is unable to walk or has limited mobility, for their own personal use, when self-propelling and being moved by a third party (pushed by attendant) within the home and outdoors.

The maximum weight limit (includes both the user and any weight of accessories fitted to the wheelchair) is marked on the serial number label, which is affixed to the cross-brace or the stabilising bar under the seat.

Warranty can only be issued if the product is used under the specified conditions and for the intended purpose. The expected life of the wheelchair is 5 years. NO NON-STANDARD PARTS are to be fitted, other than those officially approved by Sunrise Medical.

Area of Application.

Indications

The varieties of fitting variants, as well as the modular design, mean that it can be used by those who cannot walk or have limited mobility because of:

- Paralysis
- Loss of extremity (leg amputation)
- Extremity defect deformity
- Joint contractures/joint injuries
- Illnesses such as heart and circulation deficiencies, disturbance of equilibrium or cachexia, Neurological disease patterns, Muscle dystrophy, Hemiplegia as well as for elderly people who still have strength in the upper body.

Contraindications

The wheelchair shall not be used without attendant in case of:

- Perception disorder
- Imbalance
- Loss of both arms, if not supported by a caregiver
- Joint contracture or joint damage on both arms
- Seating disability

When considering provision, please also note the body size, weight, physical and psychological constitution, the age of the person, living conditions and environment.

NOTE:

Please note that driving a wheelchair requires sufficient cognitive, physical and visual skills. The user must be able to assess the effects of actions during the operation of the wheelchair and, if necessary, to correct them. These capabilities and the safe use of the additionally attached components cannot be assessed by Sunrise Medical as a manufacturer. We cannot accept any liability for any damage resulting from this.





Please refer to the operating instructions of the wheelchair and the additionally mounted components. Instruct the user in the safe use of the wheelchair and the additionally mounted components. Inform users of specific warnings that need to be read, understood, and respected.

Table of Contents

Use	7
Area of Application	7
Definitions	9
1.0 General safety notes and driving restrictions	10
2.0 Warranty	12
3.0 Transportability	13
4.0 Transport without occupant	15
4.1 Fold the backrest up or down	16
5.0 Use of the wheelchair	17
5.1 Quick-release axle	17
5.2 Push bar - height adjustable	17
5.3 Push bar - angle adjustable	17
5.4 Armrests, swing away - swing up, removing and fitting	18
5.5 Swing out/attach/remove the leg supports	19
5.6 Adjusting the legrest angle and the calf support - Angle adjustable legrest	19
5.7 Sliding seat	20
5.8 Wheel locks	20
5.9 Anti-tip stabiliser/tipping bar	21
5.10 Changing the sitting position by adjusting the backrest and seat angle	21
5.11 Moving in and out of the chair	22
5.12 Negotiating obstacles, stairs	23
5.13 Negotiating obstacles, kerbs	23
6.0 Settings	24
6.1 Adjusting the seat height	24
6.2 Adjusting the seat height back and centre of gravity	25
6.3 Adjusting the seat height front by turning the bearing housing	25
6.4 Adjusting the seat height front by adding/removing spacers	25
6.5 Different ways to adjust the front seat height	26
6.6 Adjusting the brakes	26
6.7 Adjusting the anti-tip stabiliser	26
6.8 Adjusting the neck support	27
6.9 Adjusting the curvature of the backrest	28
6.10 Adjusting the back height	28
6.11 Trunk support	28
6.12 Adjusting the length of the leg supports - angle adjustable leg support	28
6.13 Adjusting the angle of the fixed leg supports	28
6.14 Footplate – angle adjustment	29
6.15 Adjusting the seat depth/upper leg length by moving the leg support fitting ..	29
6.16 Remove the leg support fitting	29
6.17 Adjusting the seat depth/centre of gravity	30
6.18 Adjusting the height of the armrests	31
6.19 Adjusting the depth of the armrest	31
6.20 Adjusting the height of the cloth protector	31
6.21 Fitting the hip belt (accessory)	32
Name Plate	34
Daily Checks	34
Tyres and mounting	35
Maintenance and Care	35
Trouble shooting	36
Disposal / Recycling of Materials	36
Accessories	37

Definitions

Definitions of words used in this manual

Word	Definition
 DANGER!	Advice to the user of Potential Risk of serious injury or death if the advice is not followed
 WARNING!	Advice to the user of a potential risk of injury if the advice is not followed
 CAUTION!	Advice to user that potential damage to equipment may occur if the advice is not followed
NOTE:	General advice or best practice
	Reference To Additional Documentation

NOTE:

The wheelchairs shown and described in this user guide may not correspond in every detail exactly to your own model. However, all instructions are completely relevant, regardless of possible detail differences.

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

NOTE:

Please keep a note of your local service agent's address and telephone number in the space provided. In the event of a breakdown, contact them and try to give all relevant details so they can help you quickly.

Dealer signature and stamp

1.0 General safety notes and driving restrictions

The engineering and construction of this wheelchair has been designed to provide maximum safety. International safety standards currently in force have either been fulfilled or exceeded in parts.

Nevertheless, users may put themselves at risk by improperly using their wheelchairs. For your own safety, the following rules must be strictly observed.

Unprofessional or erroneous changes or adjustments increase the risk of accident. As a wheelchair user, you are also part of the daily traffic on streets and pavements, just like anyone else. We would like to remind you that you are therefore also subject to any and all traffic laws. Be careful during your first ride in this wheelchair. Get to know your wheelchair.

Before each use, the following should be checked:

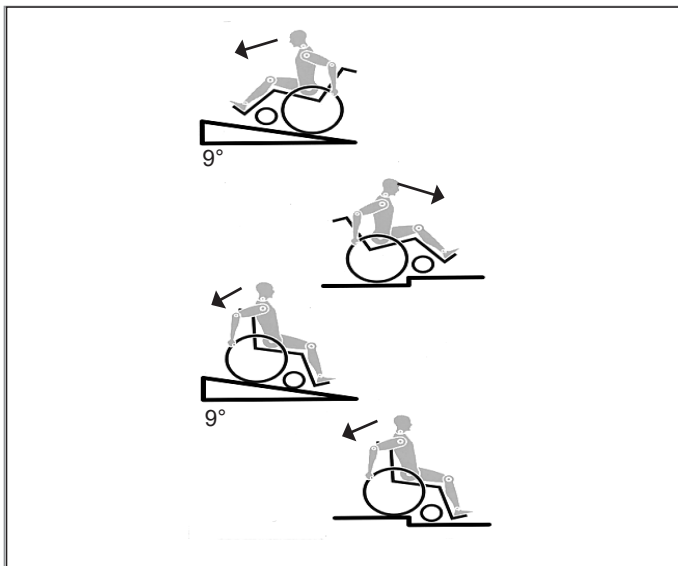
- Fixed axles or Quick-release axles on the rear wheels.
- Velcro on seats and backrests
- Tyres, tyre pressure and wheel locks

Before changing any of the adjustments of this wheelchair, it is important to read the corresponding section of the user's manual.

It is possible that potholes or uneven ground could cause this wheelchair to tip over, especially when riding uphill or downhill. When riding forwards over a step or up an incline, the body should be leaning forward.

DANGER!

- NEVER exceed the maximum load of 135 kg, for user plus any items carried on the wheelchair. If you exceed the maximum load, this can lead to damage to the chair, or you may fall or tip over, lose control and may lead to serious injury of the user and other people.
- When it is dark, please wear light clothing or clothing with reflectors, so that you can be seen more easily. Make sure that the reflectors on the side and back of the wheelchair are clearly visible.
- We would also recommend that you fit an active light.
- To avoid falls and dangerous situations, you should first practice using your new wheelchair on level ground with good visibility.



- When getting on or off the wheelchair, do not use the footboards.
- These should be flipped up beforehand and swung to the outside as far as possible. Always position yourself as close as possible to the place where you wish to transfer to.
- Only use your wheelchair with care. For example, avoid travelling against an obstacle without braking (step, kerb edge) or dropping down gaps.
- The wheel locks are not intended to stop your wheelchair in motion. They are only there to ensure that your wheelchair does not begin rolling unintentionally. When you stop on uneven ground, you should always use the wheel locks to prevent unintended movement. Always apply both wheel locks; otherwise, your wheelchair could tip over.
- Explore the effects of changing the center of gravity on the behaviour of the wheelchair in use, for example on inclines, slopes, all gradients or when overcoming obstacles. Do this with the secure aid of a helper
- With extreme settings (e.g. rear wheels in the most forward position) and less than perfect posture, the wheelchair may tip over even on a level surface.
- Lean your upper body further forward when going up slopes and steps.
- Lean your upper body further back when going down slopes and steps. Never try to climb and descend a slope diagonally.
- Avoid using an escalator which may lead to serious injury in the event of a fall.
- Do not use the wheelchair on slopes more than 7°. The Dynamic safe slope is dependent on the chair configuration, the users abilities and the style of riding. As the users abilities and style of riding cannot be predetermined then the max safe slope cannot be determined. Therefore this must be determined by the user with the assistance of an attendant to prevent tipping. It is strongly recommended that inexperienced users have Anti-tips fitted.
- It is possible that potholes or uneven ground could cause this wheelchair to tip over, especially when riding uphill or downhill.
- Do not use your wheelchair on muddy or icy ground.
- Do not use your wheelchair where pedestrians are not allowed.
- To avoid hand injuries do not grab in between the spokes or between the rear wheel and wheel lock when driving the wheelchair.
- In particular when using lightweight metal handrims, fingers will easily become hot when braking from a high speed or on long inclines.
- Only attempt stairs with the help of an attendant. There is equipment available to help you, e.g. climbing ramps or lifts, please use them. If there is no such equipment available, then the wheelchair must be tipped and pushed, never carried, over the steps (2 helpers). We recommend that users over 100 kg in weight are not transferred in this way. In general, any anti-tip tubes fitted must be set beforehand, so that they cannot touch the steps, as otherwise this could lead to a serious tumble. Afterwards the anti-tip tubes must be set back to their correct position.

DANGER!

- Make sure that the attendant only holds the wheelchair using securely mounted parts. Do not use removable parts (e.g. not on the footrests or the side guards).
- When using the lifting ramp make sure that the anti-tip tubes fitted are positioned outside the danger area.
- Secure your wheelchair on uneven ground or when transferring, e.g. into a car, by using the wheel locks
- When using the lifting ramp make sure that the anti-tip tubes fitted are positioned outside the danger area.
- Secure your wheelchair on uneven ground or when transferring, e.g. into a car, by using the wheel locks.
- If and whenever possible, during a journey in a specially fitted vehicle for disabled people, vehicle occupants should use the seats in the vehicle and the appropriate restraint system. This is the only way to ensure that occupants will have the maximum protection if there is an accident.
- Depending on the diameter and setting of the castors, as well as the centre of gravity setting of the wheelchair, the castors may begin to wobble at high speeds. This can lead to castor seizure and the wheelchair may tip over. Therefore, please make sure that the castors are adjusted correctly (see the Chapter "Castors").
- Anti-tip tubes should prevent the chair tipping over backwards unintentionally. Under no circumstances should they take the place of transit wheels, and be used to transport a person in a wheelchair with the rear wheels removed.
- When reaching for objects (which are in front of, to the side or behind the wheelchair) make sure that you do not lean too far out of the wheelchair, as if you change the centre of gravity there is a risk of tipping or rolling over. The hanging of additional load (back pack or similar items) onto your chair back posts can affect the rearward stability of your chair, especially when used in combination with recliner backrests. This can cause the chair to tip backwards causing injury.
- For thigh amputees you must use anti-tip tubes.
- Before setting off, check that your tyre pressure is correct. For rear wheels it should be at least 3.5 bar (350 kPa). The max. pressure is indicated on the tyre. The knee-lever wheel locks will only work if there is sufficient tyre pressure and if the correct setting has been made (see the Chapter on "Wheel locks").
- If the seat and back sling are damaged, you must replace them immediately.
- Be careful with fire, in particular with burning cigarettes. Seat and back slings can be set alight.
- If the wheelchair is subject to direct sunlight / cold temperature for a long period of time, then parts of the wheelchair (e.g. frame, legrests, wheel locks and side guard) may become hot (>41°C) / very cold (<0°).
- Always make sure that, if fitted, the quick-release axles on the rear wheels are set properly and lock in (locking ball bearings are showing completely through the axle sleeve). If the button on the quick-release axle is not pressed in, the rear wheel cannot be removed.

CAUTION!

- The effect of the knee-lever brake as well as the general driving characteristics are dependent on tyre pressure. The wheelchair is significantly lighter and easier to manoeuvre when the rear wheels are pumped up correctly and both wheels have the same pressure.
- Make sure that your tyres have sufficient tread!
- Please note that you are subject to any and all traffic laws when driving in public traffic.
- Always be careful when handling or adjusting the wheelchair!
- Adjustments which require tools should always be done by authorized dealers.
- Clean the wheelchair regularly to avoid rust and salt corrosion.
- Check the rivets, nuts and bolts to make sure they are tight and that no wheelchair parts will come loose.
- With all moving parts there is a natural risk of finger traps. Please handle with care.
- The products shown and described in this manual may not be exactly the same in every detail as your own model. However, all instructions are still entirely relevant, irrespective of detail differences.
- The manufacturer reserves the right to alter without notice any weights, measurements or other technical data shown in this manual. All figures, measurements and capacities shown in this manual are approximate and do not constitute specifications.

DANGER!

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

Lifetime

The expected lifetime of this product is 5 years provided that:

It is used in strict accordance with the intended use all service and maintenance requirements are met.

2.0 Warranty

GUARANTEE

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

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

Warranty conditions

1. Should a part or parts of the wheelchair require repair or replacement as a result of a manufacturing and/or material fault within 24 months or for frame and cross-braces within 5 years after delivery to the customer, then the affected part or parts will be repaired or replaced free of charge. (Batteries are guaranteed for a period of 12 months subject to the correct battery care plan being followed)
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 wheelchair outside the area covered by the Sunrise Medical customerservice agent, repairs or replacement will be carried out by another agency as designated by the manufacturer. The wheelchair 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 wheelchair 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. Consumable parts such as pads, tyres, inner tubes and similar parts are excluded from the warranty, except in the case that premature wear of the part is the direct result of a manufacturing fault.
6. Claims from this warranty shall not arise if a repair or replacement of a wheelchair or a part is required for the following reasons:
 - a) 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.
 - b) Accessories have been used which are not specified as original accessories.
 - c) The wheelchair or part having been damaged by neglect, accident or improper use.
 - d) Changes/modifications have been made to the wheelchair or parts, which deviate from the manufacturer's specifications.
 - e) Repairs have been carried out, before our Customer Service has been informed of the circumstances.
7. 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:

1. *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.*
2. *You are entitled to a replacement or refund for a major failure and for compensation for any foreseeable loss or damage.*
3. *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.*
4. *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.*

3.0 Transportability

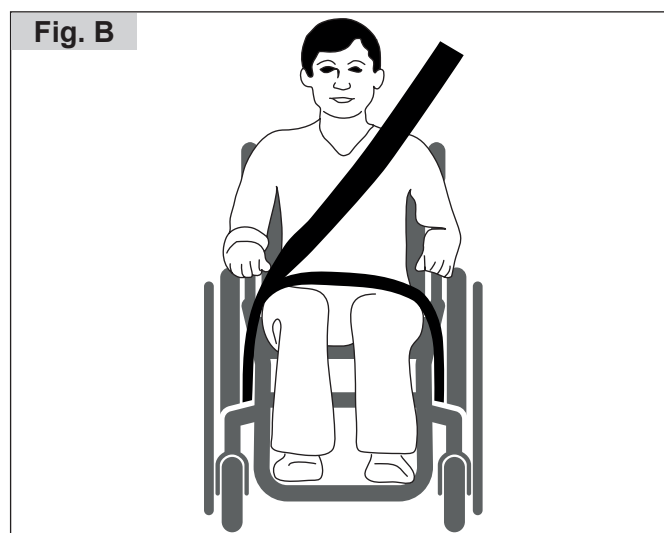
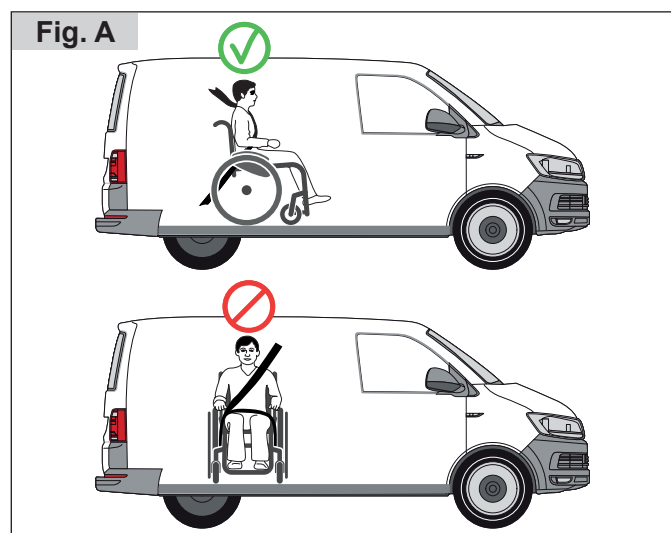
DANGER!

There is a risk of serious injury or death if this if this advice is ignored!

Transportation of your wheelchair within a vehicle:

A wheelchair secured in a vehicle will not provide the equivalent level of safety and security as a vehicle seating system. It is always recommended that the user transfers to vehicle seating. It is recognized that this is not always practical for the user to be transferred and in these circumstances, where the user must be transported whilst in the wheelchair, the following advice must be followed:

1. Confirm that the vehicle is suitably equipped to transport a passenger in a wheelchair, and ensure the method of access/ egress is suitable for your wheelchair type. The vehicle should have the floor strength to take the combined weight of the user, the wheelchair and accessories.
2. Sufficient space should be available around the wheelchair to enable clear access to attach, tighten and release the wheelchair and occupant tie down restraints and safety belts.
3. The occupied wheelchair must be located in a forward-facing position and secured by the wheelchair tie down and occupant restraint straps (WTORS tie downs meeting the requirements of ISO 10542 or SAE J2249) in accordance with the WTORS manufacturer's instructions.
4. The wheelchair's use in other positions within a vehicle has not been tested e.g. transportation in a side facing position must not be carried out under any circumstances (Fig. A).
5. The wheelchair should be secured by a Tie Down Restraint system, conforming to ISO 10542 or SAE J2249 with non-adjustable front straps and adjustable rear straps, which typically use Karabiner clips/S hooks and tongue and buckle fittings. These restraints generally comprise of 4 individual straps that are attached to each corner of the wheelchair.
6. The tie-down restraints should be fitted to the main frame of the wheelchair as indicated in the diagram on the following page, and not to any attachments or accessories, e.g. not around the spokes of wheels, wheel locks or footrests.
7. The tie-down restraints should be attached as close as possible at an angle of 45 degrees and tightened securely in accordance with the manufacturer's instructions.
8. Alterations or substitutions must not be made to the wheelchair securement points or to structural and frame or components without consulting the manufacturer. Failure to do so will invalidate the ability of a Sunrise Medical wheelchair to be transported within a vehicle.
9. Both pelvic and upper torso restraint belts must be used to restrain the occupant to reduce the possibility of head and chest impacts with the vehicle components and serious risk of injury to the user and other vehicle occupants. (Fig B) The upper torso restraint belt should be mounted to the vehicle "B" pillar - failure to do so will increase the risk of serious abdominal injuries to the user.
10. A head restraint suitable for transportation (see label on headrest) must be fitted and suitably positioned at all times during transportation.
11. Postural supports (lap straps, lap belts) should not be used or relied on for occupant restraint in a moving vehicle unless they are labelled as meeting the requirements specified in ISO 7176- 19 or SAE J2249.
12. The safety of the user during transportation depends upon the diligence of the person securing the tie-down restraints and they should have received appropriate instructions and/or training in their use.
13. Wherever possible remove and stow safely away from the wheelchair all auxiliary equipment, for example: Crutches, Loose cushions and Tray Tables.
14. Articulating/elevating leg rest should not be used in the elevated position when the wheelchair and user are being transported and the wheelchair is restrained using Wheelchair Transport and Occupant Restraints.



15. Reclining backrests should be returned to an upright position.
16. The manual wheel locks must be firmly applied.
17. Restraints should be mounted to the vehicle "B" pillar and should not be held away from the body by wheelchair components such as armrest or wheel.

Occupant Restraints Instruction:

1. The pelvic restraint belt must be worn low across the front of the pelvis so that the angle of the pelvic belt is within the preferred zone of 30 to 75 degrees to the horizontal. A steeper (greater) angle within the preferred zone is desirable i.e. closer to, but never exceeding 75 degrees. (Fig C)
2. The upper torso restraint belt must fit over the shoulder and across the chest as illustrated Fig d and e Restraint belts must be adjusted as tightly as possible consistent with user comfort. Restraint belt webbing must not be twisted when in use. The upper torso restraint belt must fit over the shoulder and across the shoulder as illustrated in Fig D and E.
3. The attachment points to the chair are the inner front side frame just above the castor, and the rear side frame. The straps are fitted around the side frames at the intersection of the horizontal and vertical frame tubes. (See Fig G)
4. The tie down symbol (Fig F) on the wheelchair frame indicates the position of the wheelchair restraint straps. The straps are then tensioned after the front straps have been fitted to secure the wheelchair.

Positioning of wheelchair tie down restraints on wheelchair:

1. Position of the front and rear wheelchair tie down restraint and the tie down label (Fig.G).

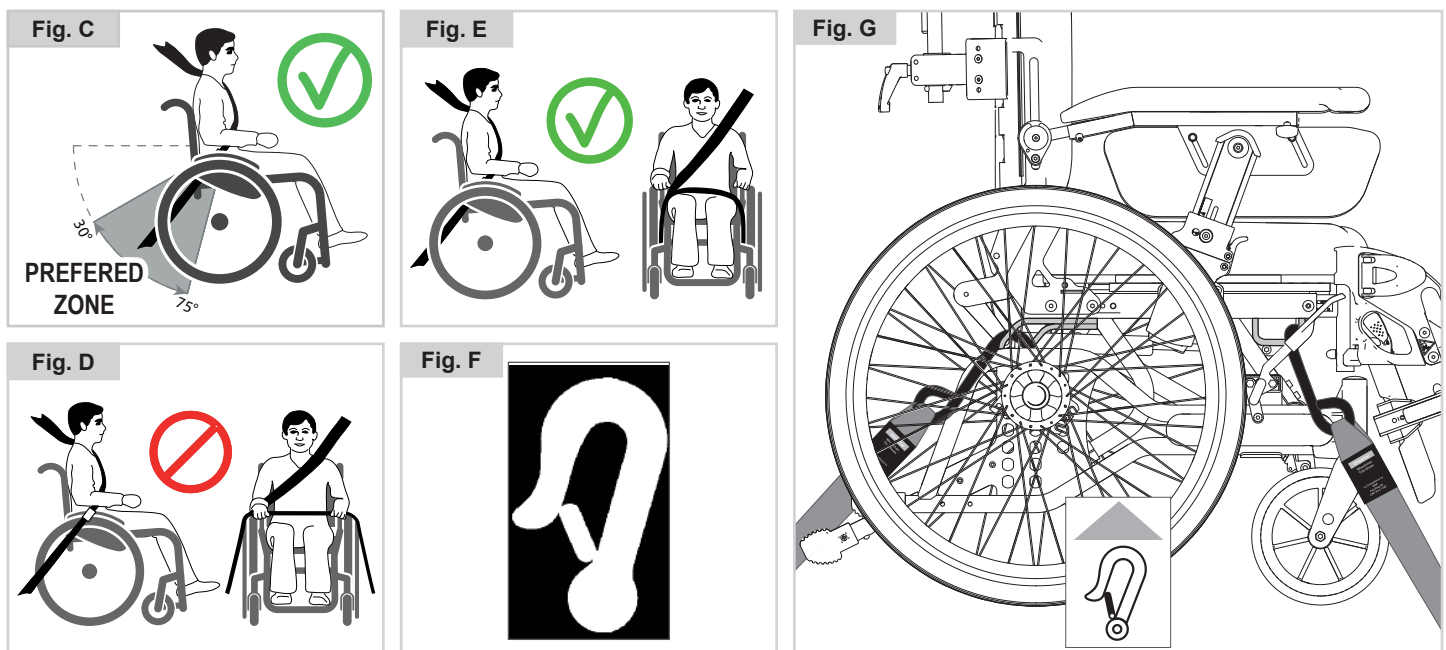
Less than 22kg User Weight

When the user being transported is a child, less than 22Kg mass and the vehicle involved has less than eight (8) seated passengers it is recommended that they be transferred to an UNCE Regulation 44 compliant child restraint system (CRS).

This type of restraint system provides a more effective occupant restraint system than the conventional 3 point occupant restraint system and some CRS systems also include additional postural supports to assist in maintaining the position of the child when seated. Parents or care providers may consider the option, in some circumstances, for their child is to remain in their wheelchair whilst in transport due to the level of posture control and comfort provided by the set up in the wheelchair.

We would recommend in such circumstances that a risk assessment be carried out by your healthcare professional and relevant competent persons.

Cirrus G5 has marked off four points that must be used when securing the wheelchair.



4.0 Transport without occupant

The wheelchair is suitable for land and/or air transport. Parts of the wheelchair that can easily be detached should be removed when transporting the wheelchair.

- Armrests
- Legrests
- Rear wheels
- Headrest

Once the wheelchair is in the vehicle, it must be secured with a tie-down system that is suitable to the weight of that particular wheelchair including any options.

⚠ CAUTION!

Ensure that any detachable parts are secured with your mobility aid or separately packed and labelled so they do not get lost during loading and unloading.

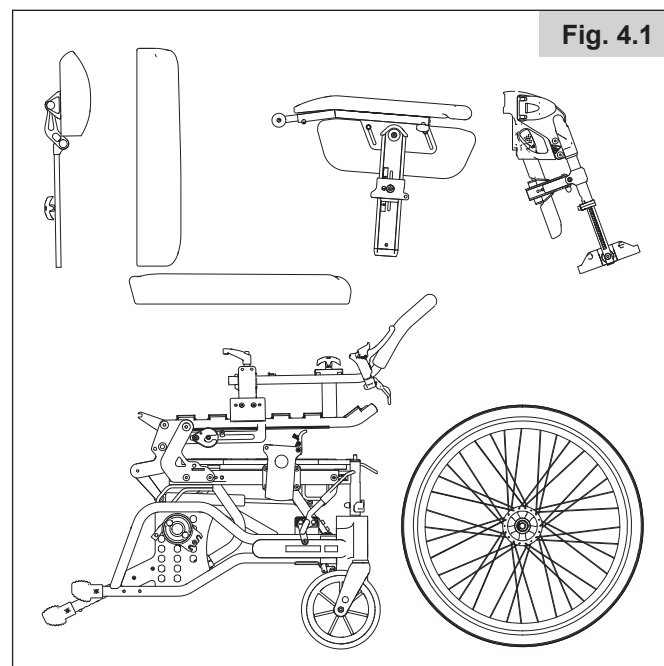


Fig. 4.1

4.1 Fold the backrest up or down (Fig. 4.2)

The backrest can be swung forwards to enable transportation of the wheelchair. Secure the backrest so that it cannot accidentally fall. To get a smaller folding package the seat and back cushion can be removed.

Folding the backrest down

- Tilt the chair forwards.
- Remove the armrest.
- Loosen the Velcro band **A** that keeps the wires together.
- Pull out the quick release axel **B** and fold down the backrest.

Folding the backrest up

Carry out this procedure in reverse order to pull the back up.

WARNING!

Risk of injury – the backrest must be secured/held before releasing it.

To get the backrest back into the upright position, fold the backrest up and fit the splint.

DANGER!

Risk of injury – you must make sure that the backrest is correctly secured!

CAUTION!

Place the wires as shown in the illustration (Fig. 4.2) when folding the backrest up.

Make sure that the back shell is locked in place correctly.

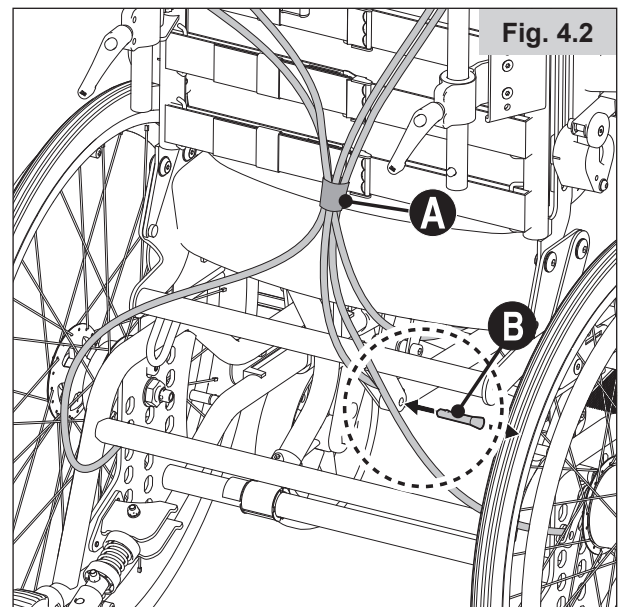


Fig. 4.2

5.0 Use of the wheelchair

5.1 Quick-release axle (Fig. 5.1)

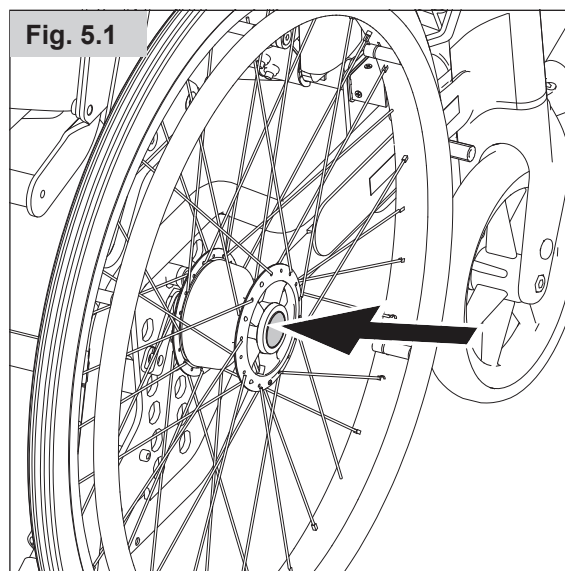
The wheelchair has a quick-release axle on the driving wheels. Press the button in the middle of the driving wheel in order to remove or attach the wheel.

NOTE!

Check that the wheel is properly secured by ensuring that the button pops out approximately 5 mm when the wheel bolt is completely in the casing.

⚠ CAUTION!

Hold the quick-release button on the axle depressed when inserting the axle into the frame to mount the rear wheels. Release the button to lock the wheel in place. The quick-release button should snap back to its original position.



5.2 Push bar - height adjustable (Fig. 5.2)

Adjusting the height of the push bar

- Loosen the locking handles **A** at the same time as pulling the push bar upwards or pushing it downwards to the desired height.
- Re-tighten the locking handle.

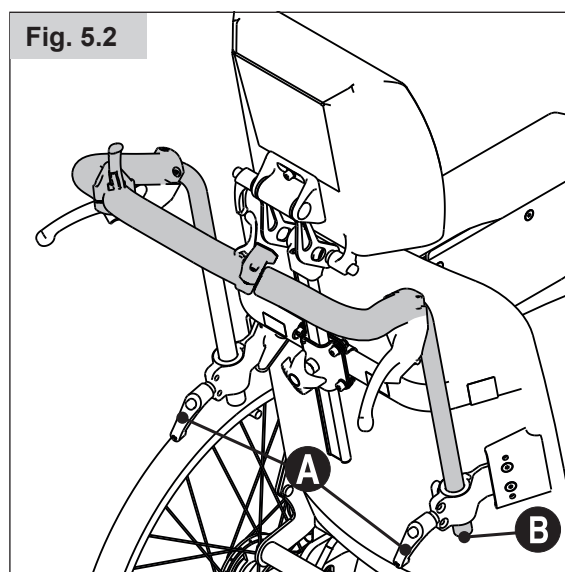
Removing the push bar

For extra safety, the push bar is equipped with a snap lock in the topmost position.

- To remove the push bar, pull the push bar to the highest position then squeeze in the snap lock **B**.

⚠ WARNING!

Do not put pressure on the push bar when negotiating kerbs. Place one foot on the tipping bar to tilt the wheelchair whilst steering with the pushing bar. See “5.13 Negotiating obstacles” on page 23.



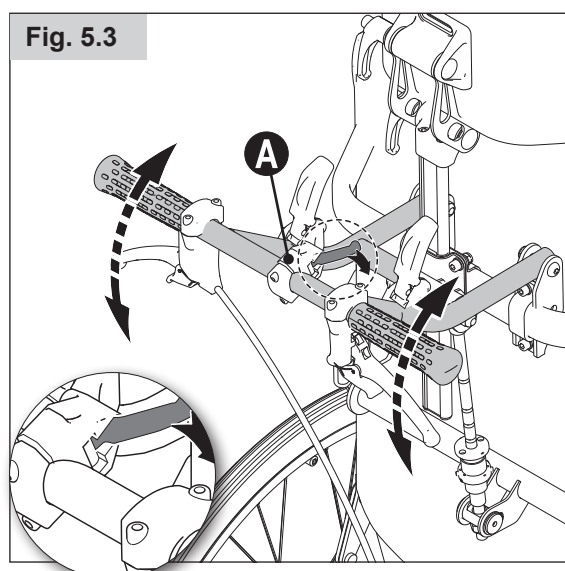
5.3 Push bar - angle adjustable (Fig. 5.3)

Adjusting the angle of the push bar

- Pull the lever **A** at the same time as angling the push bar upwards or downwards.
- Release the lever at the desired plug angle.

⚠ WARNING!

Do not put pressure on the push bar when negotiating kerbs. Place one foot on the tipping bar to tilt the wheelchair whilst steering with the pushing bar. See “5.13 Negotiating obstacles” on page 23.



5.4 Armrests, swing away - swing up, removing and fitting

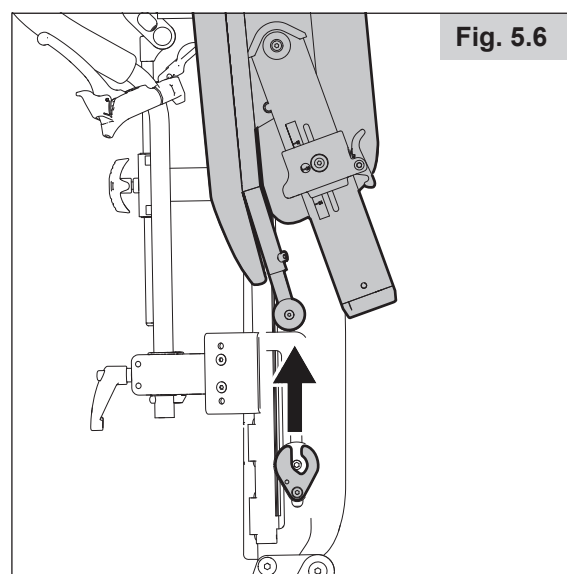
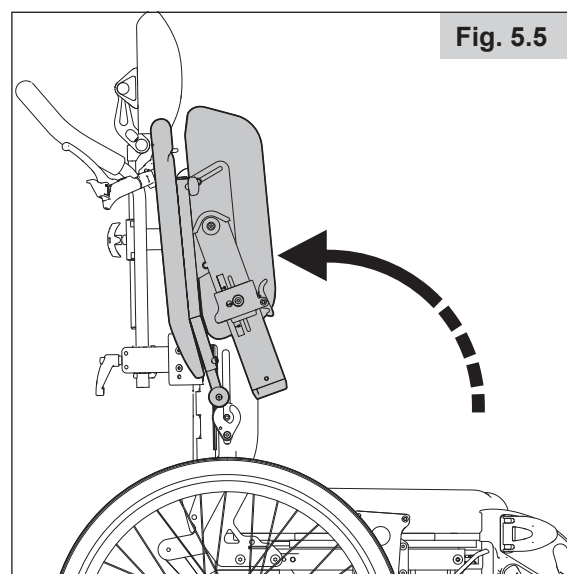
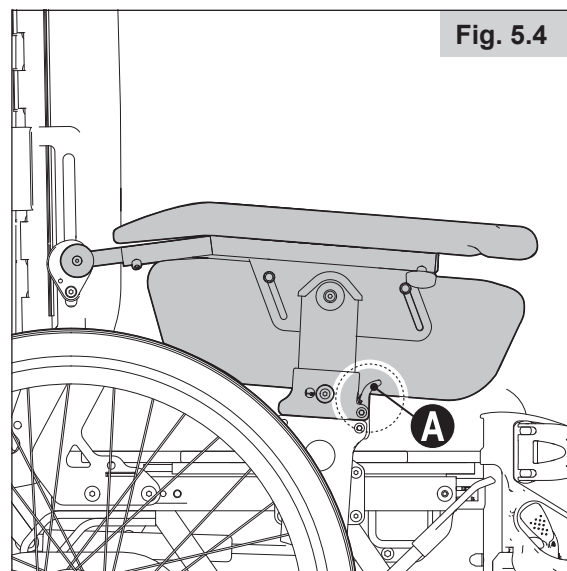
- In order to swing up the armrest, push the release lever **A** and pull up the armrest.
- To remove the armrest; swing up the armrest and pull it up.
- Replace the armrest in reverse order.

NOTE!

Ensure that the armrest locks into position when you swing it back down.

WARNING!

When removing the armrest be aware of the potential risk of getting your fingers or clothes caught in the wheel.



5.5 Swing out/attach/remove the leg supports

The procedure is the same for fixed and angle adjustable leg supports. The leg supports can be swung in/out or removed in order to make transport and getting in and out of the chair easier. The leg supports can be released by twisting the lever **A** inwards or outwards.

The leg support can be lifted straight up and completely removed if desired. In order to attach it again, carry out these steps in reverse order, and the handle will lock automatically.

The complete leg support unit and fastenings can be removed, see "6.15 Adjusting the seat depth/upper leg length by moving the leg support fitting" on page 29.

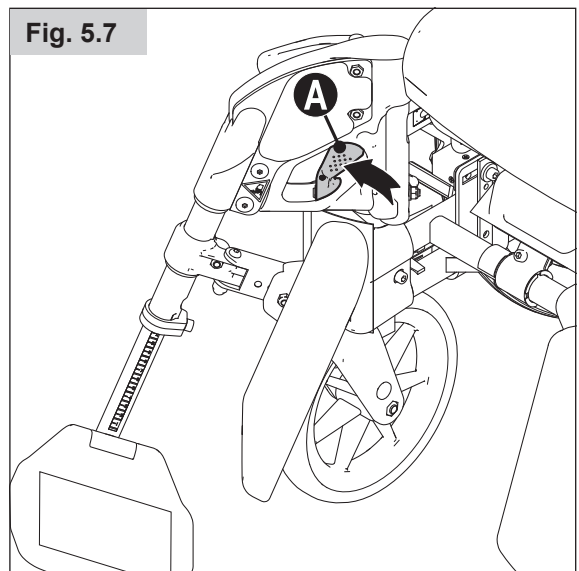


Fig. 5.7

5.6 Adjusting the legrest angle and the calf support - Angle adjustable legrest

Adjusting the legrest angle

The legrests can be adjusted separately.

- Loosen the lever **A**
- Adjust to desired angle and tighten the lever **A**

Adjusting the calf support

The calf support **B** can be depth adjusted and sideways adjusted.

⚠ WARNING!

Squeezing hazard!

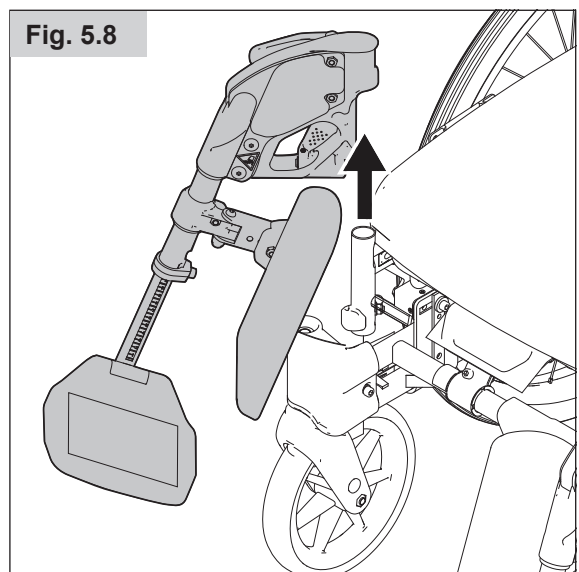


Fig. 5.8

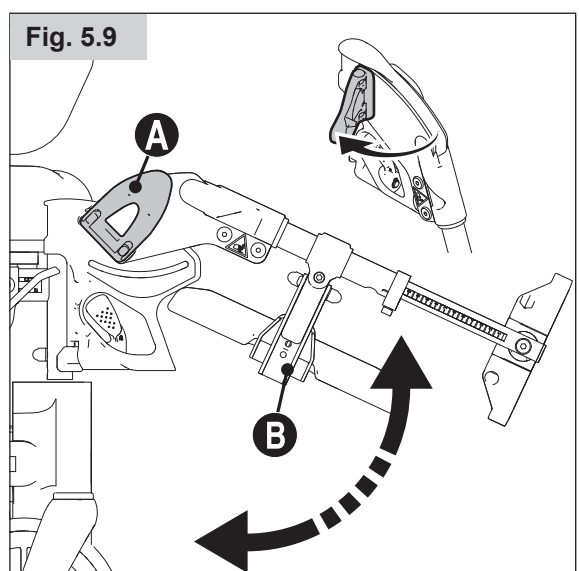


Fig. 5.9

5.7 Sliding seat

Use the sliding seat function to adjust the seat depth and to move the seat further forward when transferring the user (Fig. 5.10).

- Put the seat in a horizontal position
- Push the handle **A** backwards at the same time as taking hold of the strap **B** and pushing or pulling the seat to the desired position.

NOTE!

Pull the sliding seat to the fully-forward position when transferring into and out of the chair.

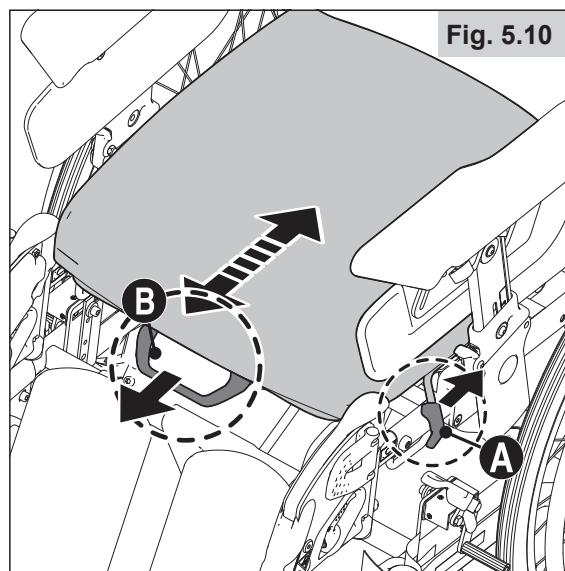


Fig. 5.10

5.8 Wheel locks

Your wheelchair is equipped with two wheel locks.

They are applied directly against the tyres.

To engage, pull both brake levers against the stops (Fig. 5.11).

To release the locks, push the levers back to their original positions.

Braking power will decrease with:

- Worn tyre tread
- Tyre pressure that is too low
- Wet tyres
- Improperly adjusted wheel locks

The wheel locks have not been designed to be used as wheel locks for a moving wheelchair. The wheel locks should therefore never be used to brake a moving wheelchair. Always use the hand-rims for braking. Make sure that the gap between the tyres and wheel locks complies with given specifications. To readjust, loosen the screw and set the appropriate gap. Then re-tighten the screw (see '6.6 Adjusting the brakes' on page 26).

⚠ CAUTION!

After each adjustment of the rear wheels, check the wheel lock gap and re-adjust if necessary.

Mounting the wheel lock too close towards the wheel will result in a higher effort to operate. This might cause the brake lever extension to break!

Leaning onto the brake lever extension while transferring will cause the lever to break! Splashing water from tyres might cause the wheel lock to malfunction.

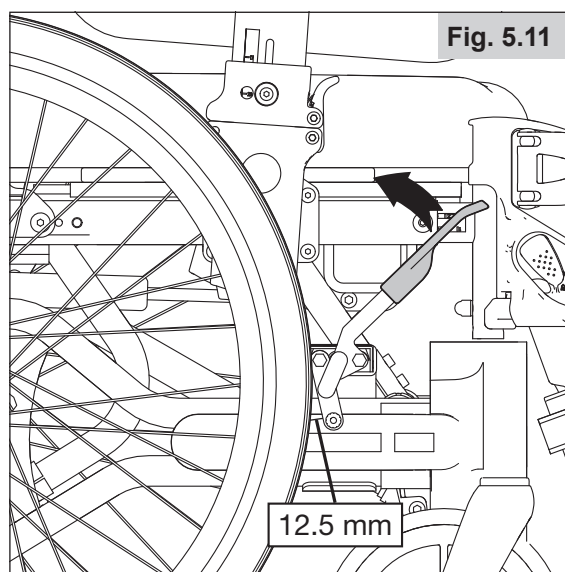


Fig. 5.11

Drum Brakes

Drum Brakes permit safe and convenient braking for an attendant.

They can also be set with the aid of a locking lever (B) to prevent rolling. The lever must snap audibly into place. Drum Brakes are not influenced by air pressure inside the tyres (Fig. 5.12).

⚠ WARNING!

- Drum Brakes must only be adjusted by authorised dealers.
- Always operate the two Drum Brakes simultaneously to guarantee the control of the driving direction!
- Drum Brakes can only be used as a dynamic brake to stop the wheelchair while driving.
- Always engage the wheel locks to secure the wheelchair during a short or long stop, or for transfer.

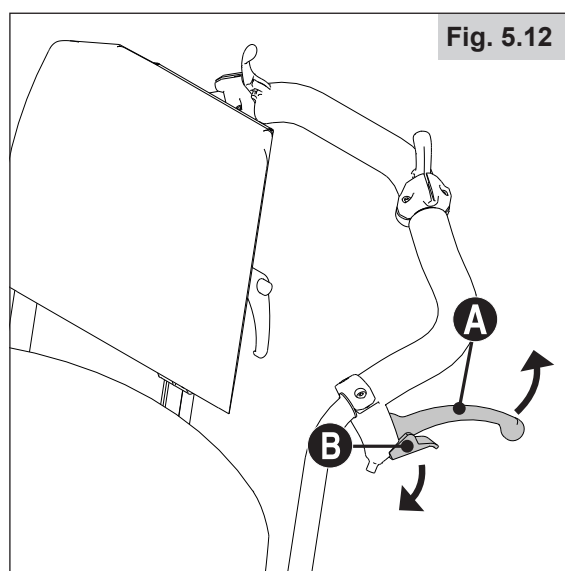


Fig. 5.12

5.9 Anti-tip stabiliser/tipping bar

The anti-tip stabiliser is adjusted as standard with a clearance to the base that makes it possible to mount doorsteps etc.

WARNING!

When the chair is in use, always ensure that the anti-tip stabiliser is in the correct position.

The anti-tip stabiliser is put into position by turning it backwards.

The tipping bar is accessible when the anti-tip stabiliser is in or out.

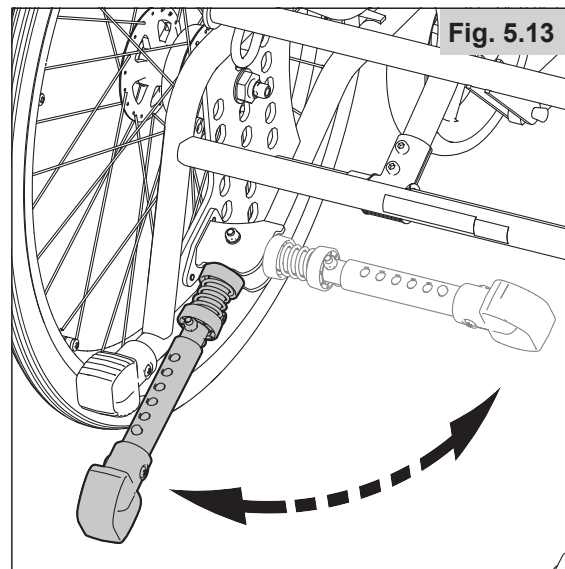


Fig. 5.13

5.10 Changing the sitting position by adjusting the backrest and seat angle

- Adjust the backrest angle with the right adjustment lever.
- Tilt the chair with the left adjustment lever.

NOTE!

For safe adjustment of the sitting position the assistant should grip firmly on the pushing handle with one hand, and operate the adjustment levers with the other hand.

WARNING!

The chair might be unstable when the backrest and the seat are angled in the backmost position. The anti-tip stabiliser should be used when the sitting position is leaning backwards.

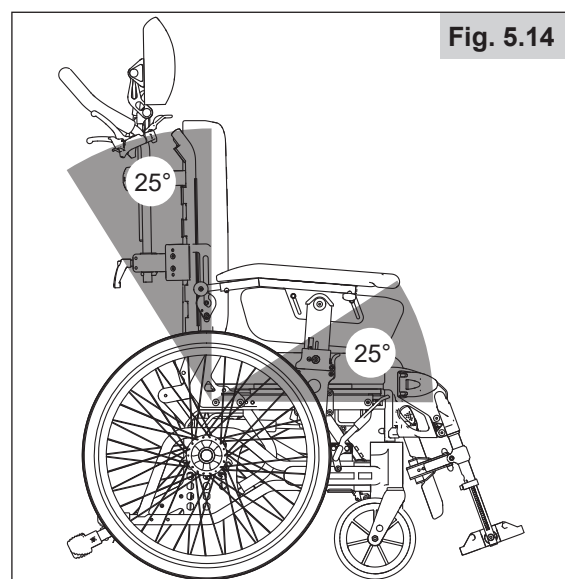


Fig. 5.14

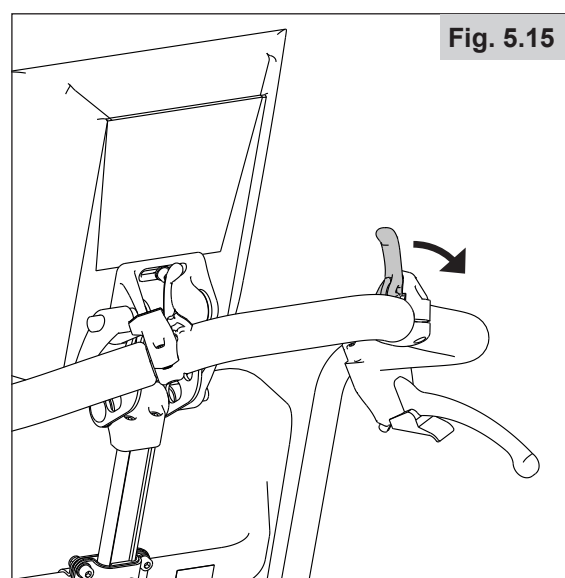


Fig. 5.15

5.11 Moving in and out of the chair

- Activate the brakes
- Swing out or remove the leg supports
- Tilt the chair forwards
- Use the sliding seat before moving out of the wheelchair, see “5.7 Sliding seat” on page 20.
- The user can now be moved in or out of the wheelchair by means of manual lifting or a person lift, or frontal movement if the user has the ability to stand

⚠ WARNING!

- The legrests must not be used to lift or to carry the wheelchair.
- When getting on or off the wheelchair, do not use the footboards.

⚠ WARNING!

These should be flipped up beforehand or the footrest should be swung to the outside as far as possible.

For sideways transfer, swing up or remove the armrest.

⚠ CAUTION!

Be careful not to deactivate the wheel lock by hitting the break lever.

Fig. 5.16

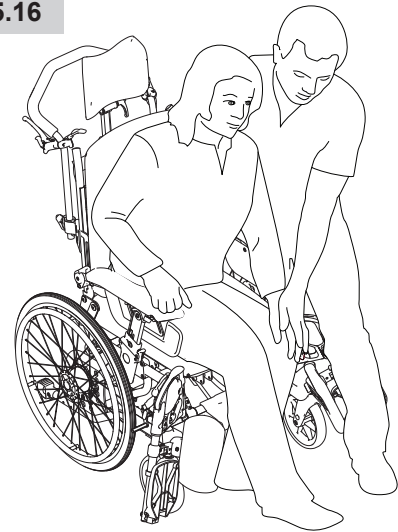


Fig. 5.17

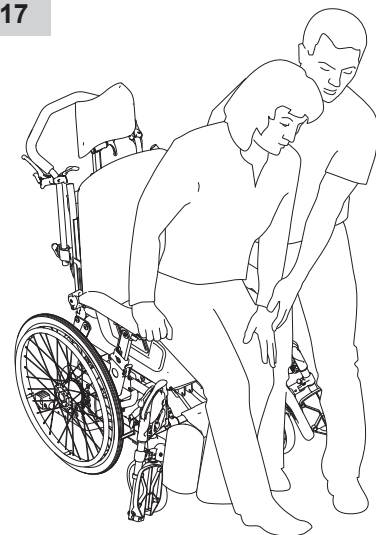


Fig. 5.18



5.12 Negotiating obstacles, stairs

If the wheelchair is being lifted with the user sitting in it, the recommended lifting points should be used. These are marked on the product.

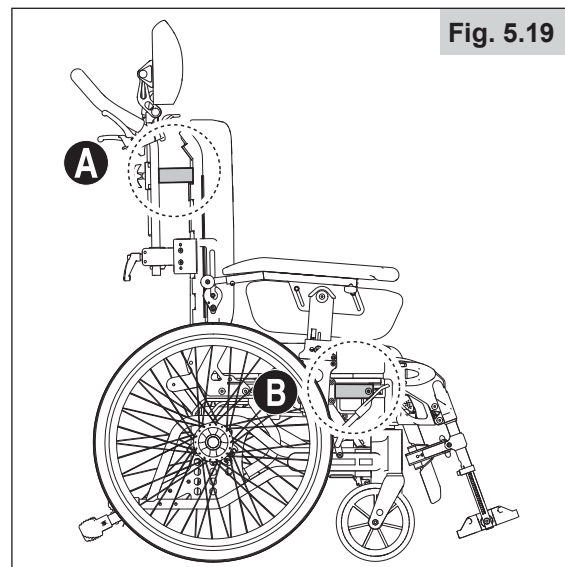
The lifting points are the cross bar **A** on the back and the seat frame **B**.

In order for assistants to have a better lifting position, they can alternatively lift from each side of the wheelchair.

WARNING!

Do not lift the wheelchair by:

- The armrests
- The angle adjustable leg supports
- The leg support fittings
- The angle adjustable push bar



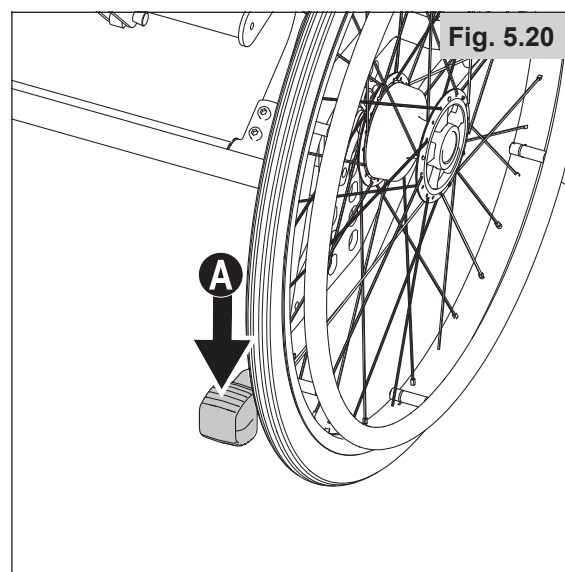
5.13 Negotiating obstacles, kerbs

If necessary swing the anti-tip devices in or up.

When negotiating kerbs etc., place one foot on either of the tipping bars **A** whilst steering with the pushing bar. Tilt the chair backwards where necessary to get clearance between the obstacle and leg supports.

Steep terrain

For frequent use in undulating terrain, we recommend that a separate brake is fitted for an assistant where relevant.



6.0 Settings

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

In this, we make a distinction between wheelchair settings and wheelchair adjustment options. Settings are carried out only once and must be executed by qualified specialists, unless explicitly stated otherwise. Adjustment options can be carried out by the user. These adjustment options do not require the use of tools.

⚠ WARNING!

Changes to the technical specifications of the wheelchair are not permitted. Modifications to the wheelchair or to any parts thereof are not permitted.

6.1 Adjusting the seat height

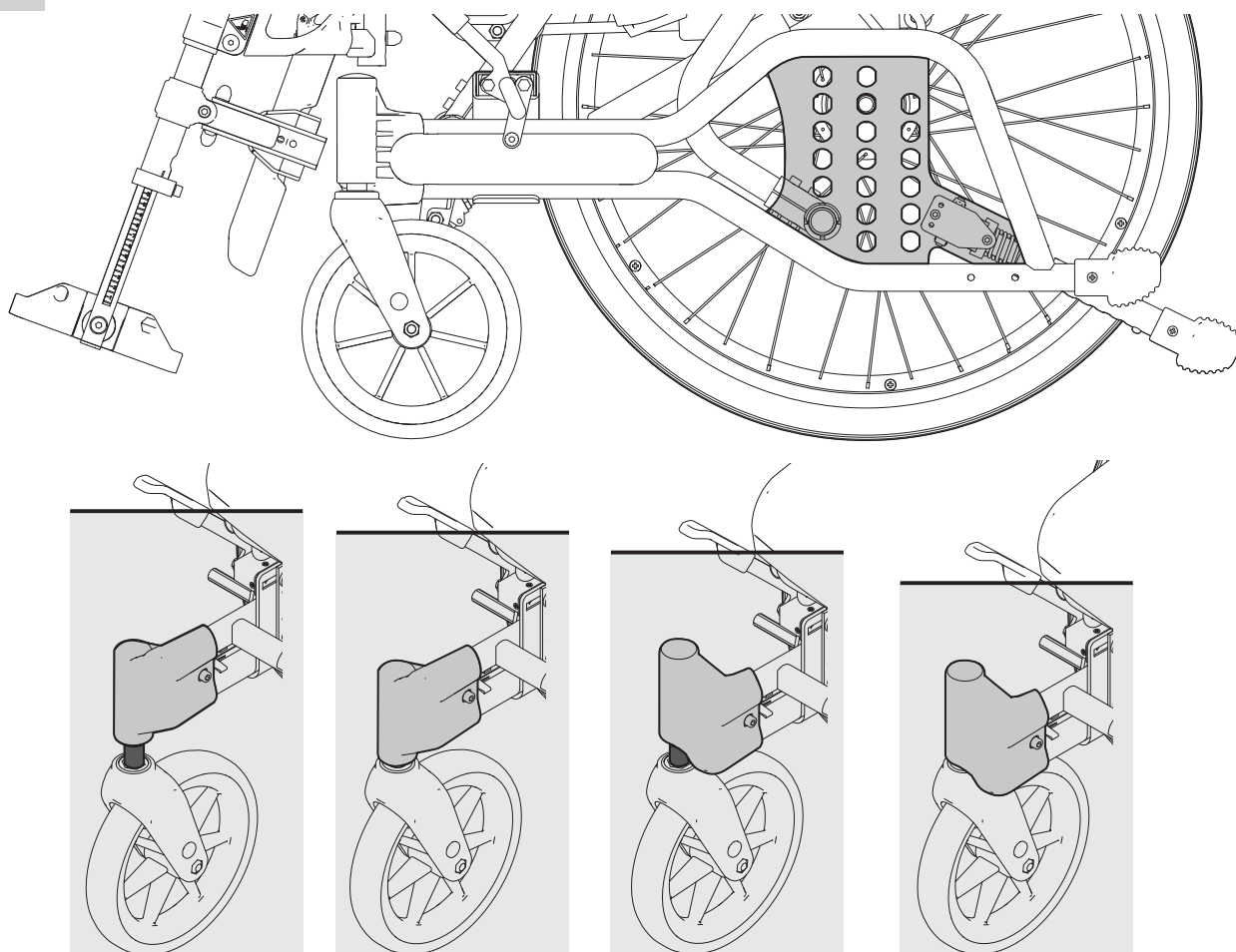
The seat height can easily be adjusted. The different ways of adjusting the seat height also affect the ability to negotiate obstacles and rolling properties of the wheelchair.

⚠ WARNING!

Do not adjust Cirrus G5 so that you have different seat heights at the front and back, as this can affect the balance point and driving characteristics.

The seat height can be adjusted by 10 cm (4 heights) without changing wheels or forks. The fork bearing can be turned upside down and spacers can be added for different heights in front. The holes in the wheel-positioning block gives corresponding adjustment possibilities for the rear wheels. If further adjustments are needed, alternative wheel sizes can be used.

Fig. 6.1



6.2 Adjusting the seat height back and centre of gravity

The seat height back can be raised or lowered by moving the wheel up or down in the frame.

If you want the wheelchair to run more freely, you can move the driving wheels forwards. If you want the wheelchair to be more stable and less likely to tip, you can move the driving wheels back.

- Loosen the fastening nut **A** on the wheel a few turns, twist the casing **B** through 90° and move the wheel to the desired hole
- Twist the casing back 90° and retighten the fastening nut well.

WARNING!

Remember to adjust the brakes and the anti-tip stabiliser after you have adjusted the seat height and centre of gravity.

NOTE!

When adjusting the seat height and the centre of gravity you should start by adjusting the driving wheels, followed by the height of the castor wheels.

6.3 Adjusting the seat height front by turning the bearing housing

- Unscrew the screw **A**.
- Dismantle the fork and wheel.
- Turn the bearing housing upside down.
- Reassemble the fork and the wheel.
- Tighten the screw **A**.

6.4 Adjusting the seat height front by adding/removing spacers

- Dismantle the fork and wheel.
- Add/or remove spacers **B**.
- Reassemble the fork and the wheel.

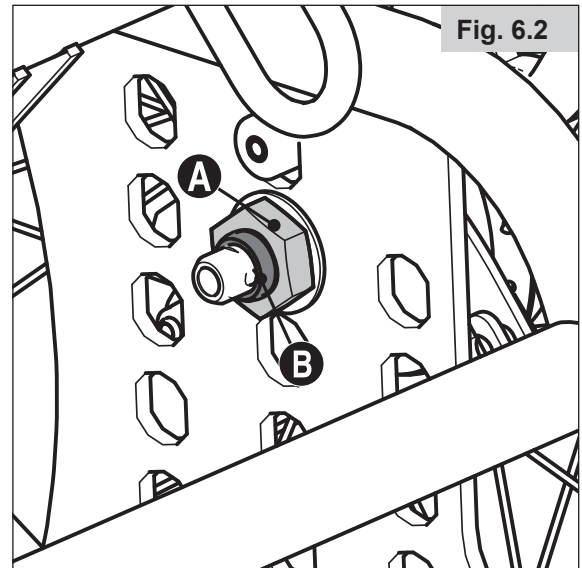


Fig. 6.2

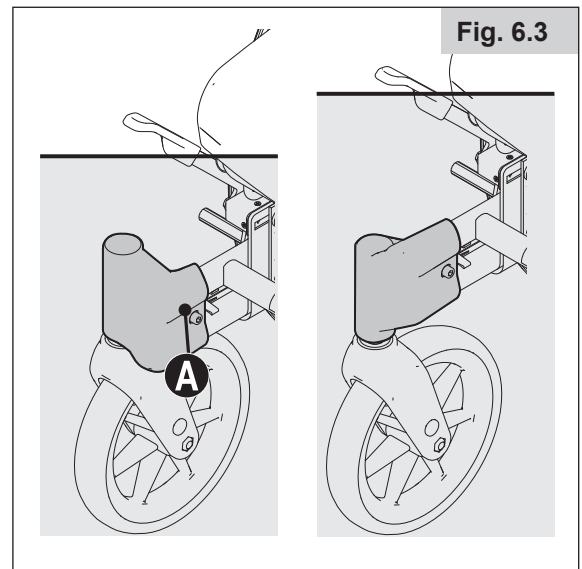


Fig. 6.3

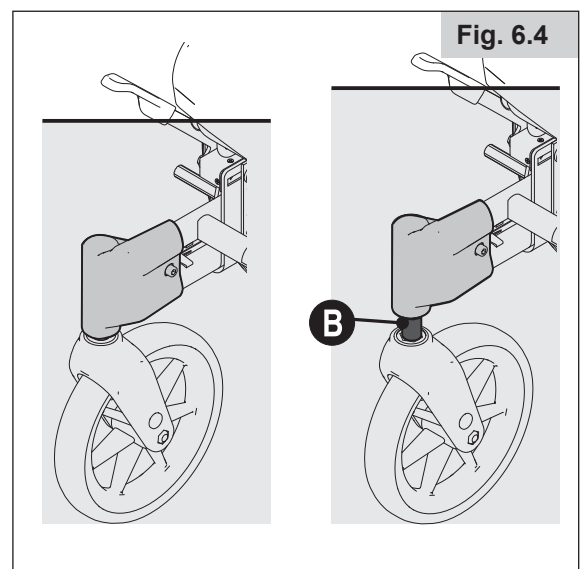


Fig. 6.4

6.5 Different ways to adjust the front seat height

Moving the castor wheel to a higher or lower position in the castor wheel fork.

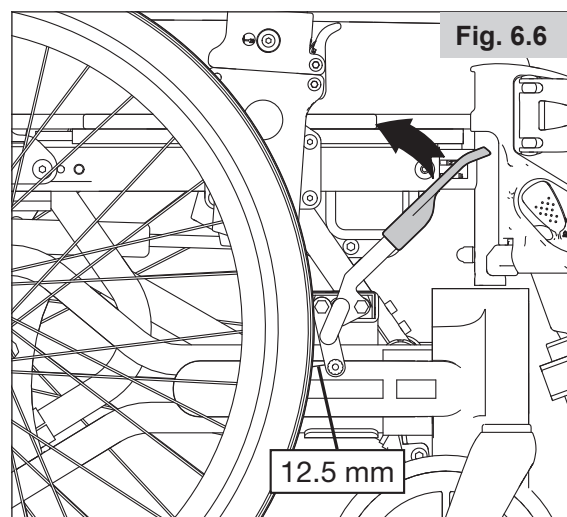
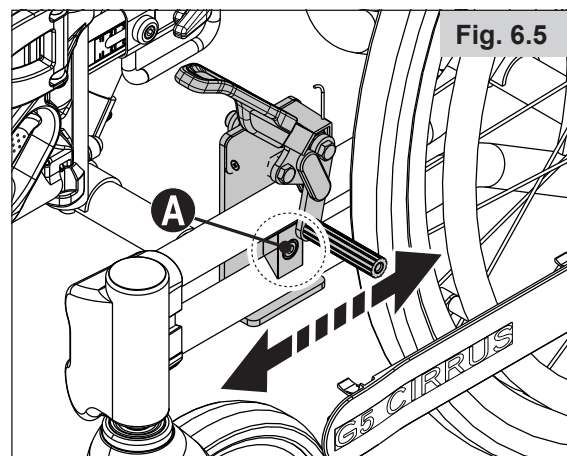
- By moving the castor wheel to a higher position in the castor wheel fork, the seat is lowered, and by moving the castor wheel to a lower position, the seat is raised.

Changing to bigger or smaller castor wheels

- A smaller castor wheel lowers the seat height, whilst a bigger castor wheel raises the seat height. By changing the castor wheel, a smaller castor wheel will give a smaller turning radius, and thereby increase the ability to negotiate obstacles in narrow spaces, and will also give more room for the legs. A larger castor wheel will increase the turning radius but will also improve the ability to negotiate obstacles on uneven surfaces.

Changing to a longer or shorter castor wheel fork

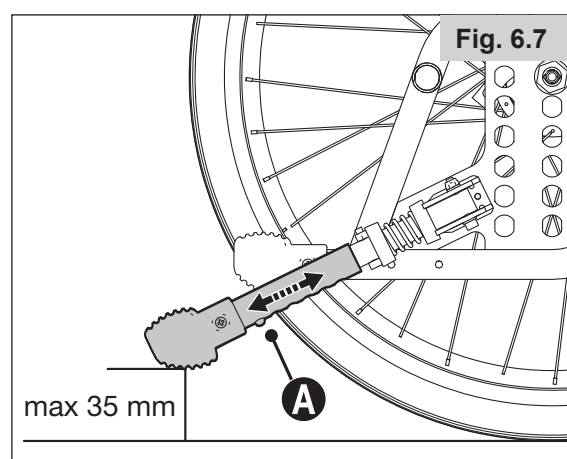
- A shorter castor wheel fork lowers the seat height, gives a smaller turning radius, and thereby increases the ability to negotiate obstacles in narrow spaces, and will also give more room for the legs. A longer castor wheel fork increases the seat height, and allows several alternative castor wheels to be used.



6.6 Adjusting the brakes (Fig. 6.6)

The brakes that are supplied with the wheelchair will not normally need to be adjusted.

- Loosen the screw **A**.
- Move the entire brake in the track to the desired position.
- The correct distance between the brake block and the wheel is approx. 12.5 mm.
- Re-tighten the screw (to 7Nm).



6.7 Adjusting the anti-tip stabiliser

Adjusting the anti-tip device when changing the chair's centre of gravity. There should be a maximum of 35 mm from the end of the anti-tip device to the floor.

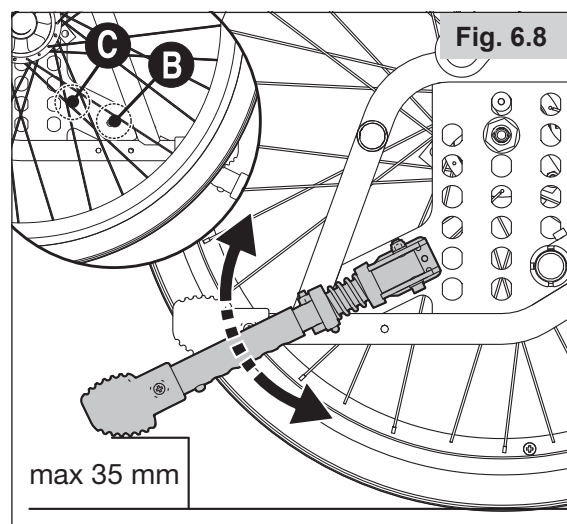
Length adjustment (Fig. 6.7)

- Push the snap lock **A**.
- Pull or push the anti-tip device to the correct position.

Angle adjustment (Fig. 6.8)

The anti-tip device can be adjusted to three different angles.

- Loosen the screw **B**.
- Unscrew the screw **C**. Move the screw **C** to the hole that gives the desired angle. Re-tighten **B** and **C**.



6.8 Adjusting the neck support (Fig. 6.9)

Depth- and angle adjustment

- Loosen the locking handles **A**, make the adjustment and tighten the locking handles.

Height adjustment

- Unscrew the locking wheel **B**, raise or lower the neck support and tighten the locking wheel.

Curvature adjustment (only Comfort headrest with straps) (Fig. 6.10)

- Adjust the built-in straps for lateral support and additional depth support.

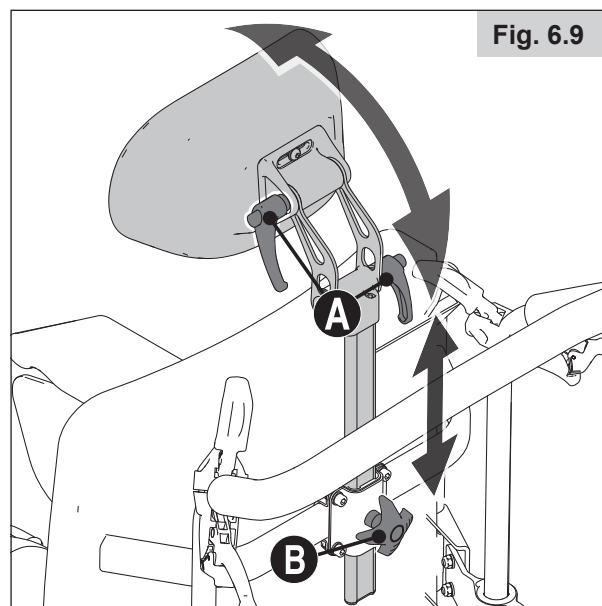


Fig. 6.9

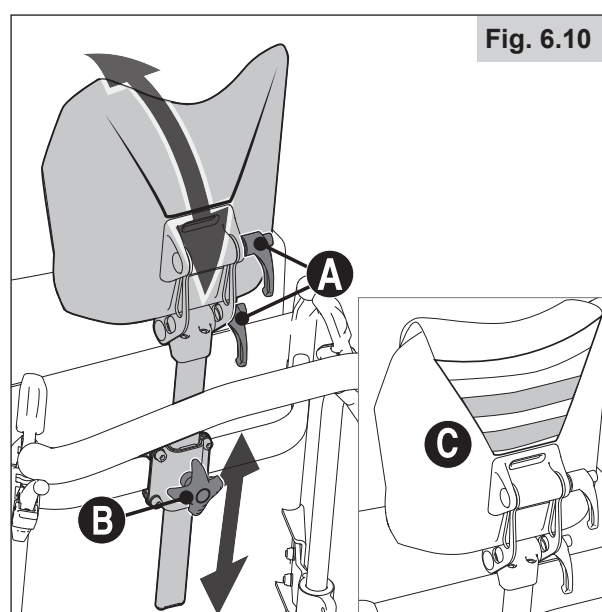


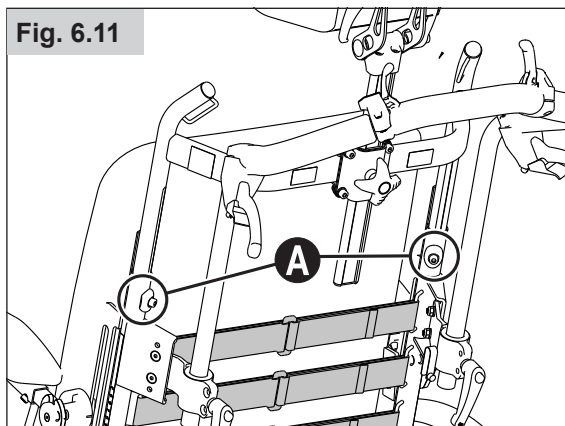
Fig. 6.10

6.9 Adjusting the curvature of the backrest

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.

- Loosen the back cover in order to access the straps. These can be adjusted to change the backrest curvature and also achieve maximum comfort and support.

Fig. 6.11



6.10 Adjusting the back height (Fig. 6.11)

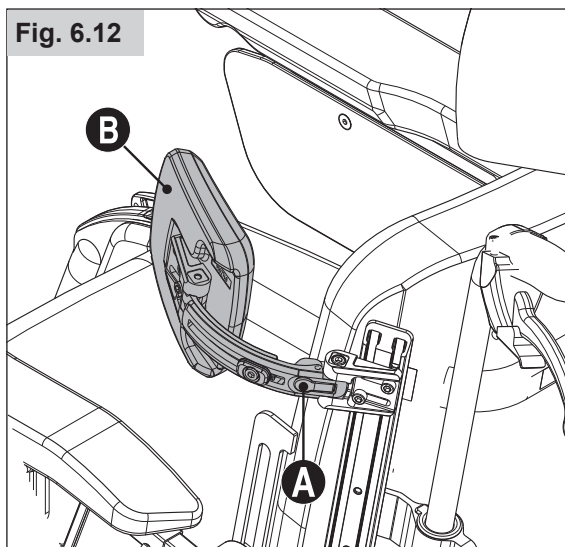
The wheelchair has an adjustable back height.

- Loosen the screw **A** on both sides, adjust the new back height and tighten both screws again to 9Nm.

6.11 Trunk support (Fig. 6.12)

The trunk support can be adjusted in angle, depth and height. It can be swung away by pressing **A** (check Part manual/Power)

Fig. 6.12



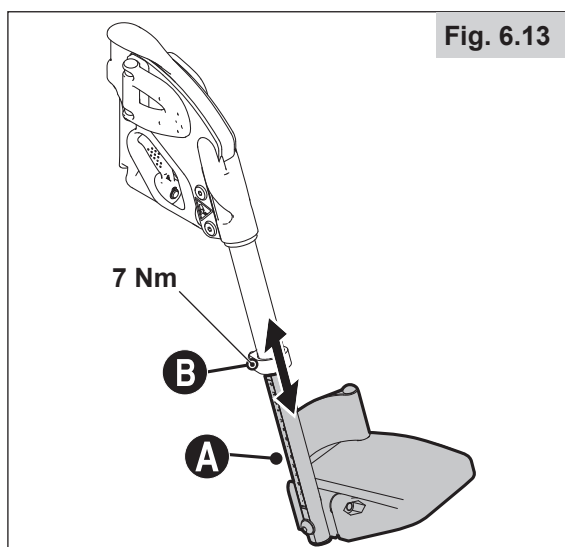
6.12 Adjusting the length of the leg supports - angle adjustable leg support (Fig. 6.13)

- The leg supports have a linear scale **A**, which helps to achieve the correct length.
- To adjust the length of the leg supports, loosen the screw **B**.
- Adjust the leg supports to the desired length and re-tighten the screw (to 7 Nm).

WARNING!

Always maintain a minimum of 30mm between the lowest part of the footrest and the floor.

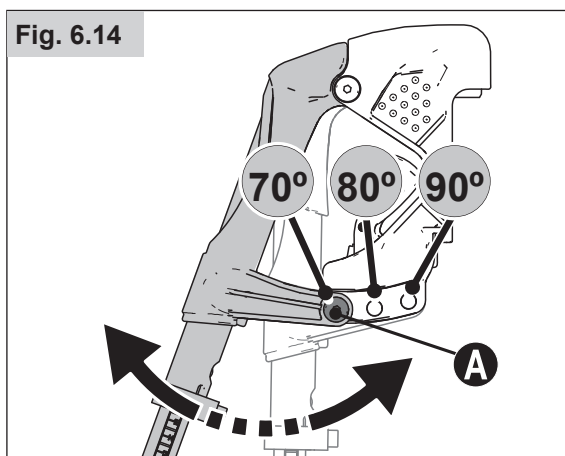
Fig. 6.13



6.13 Adjusting the angle of the fixed leg supports (Fig. 6.14)

- Unscrew the bolt **A**.
- Pull or push the legrest to the desired angle.
- Place the bolt in the desired hole and tighten.

Fig. 6.14



6.14 Footplate – angle adjustment (Fig. 6.15)

- Loosen the screw **A**.
- Adjust to the desired angle and re-tighten the screw.

6.15 Adjusting the seat depth/upper leg length by moving the leg support fitting (Fig. 6.16)

The depth of the leg support fitting can be adjusted or the support can be removed.

- Loosen the screw **A** using a 4 mm Allen key.
- Pull or push the leg support to the desired position.
- Re-tighten the screw.



WARNING!

The leg support fitting must not be pulled out more than 8 cm.

6.16 Remove the leg support fitting

- Unscrew **A** using a 4 mm Allen key.
- Pull the leg support fitting out.

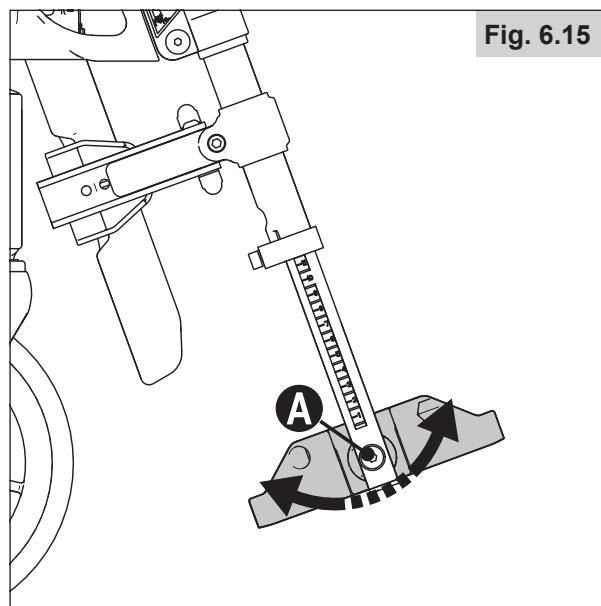


Fig. 6.15

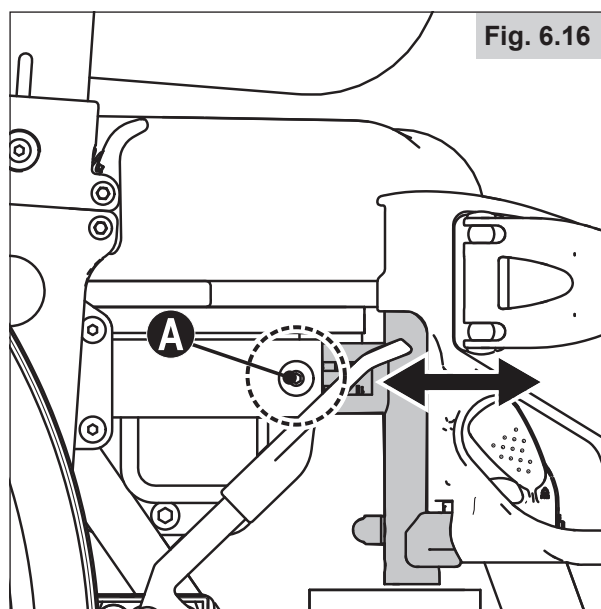


Fig. 6.16

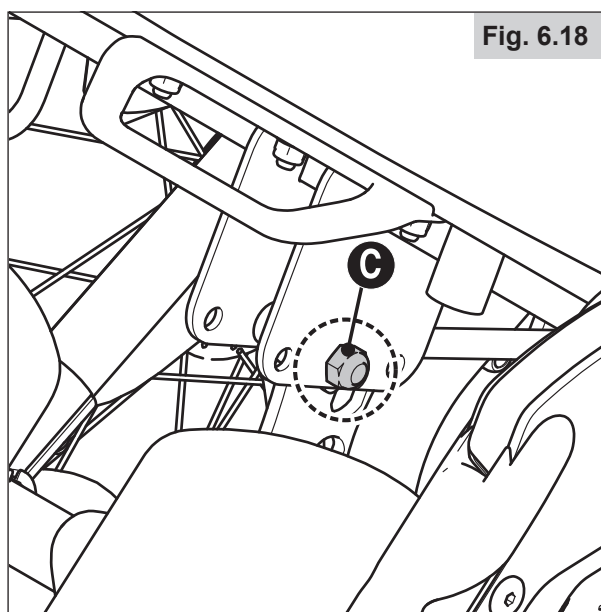
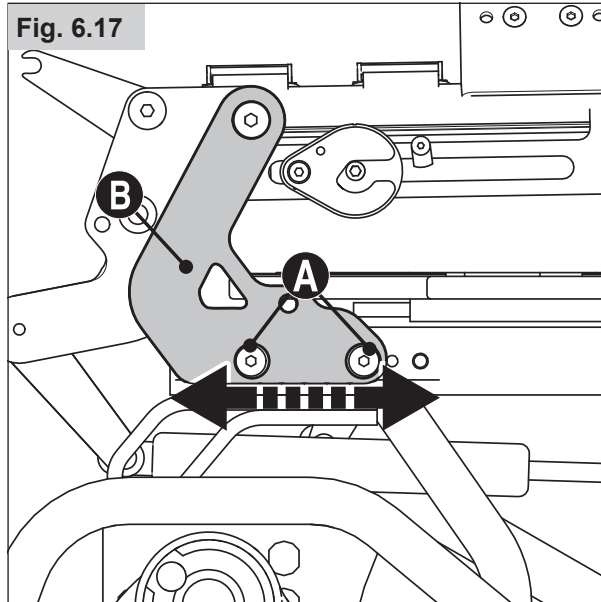
6.17 Adjusting the seat depth/centre of gravity (Fig. 6.17-6.18)

In addition to the sliding seat, the seat depth can be adjusted in 3 steps of 30 mm by moving the backrest brackets **B** forwards or backwards.

- Unscrew the bolts **A** on both sides of the wheelchair. Move the brackets to the desired position and tighten the bolts. There should always be one or two open holes between the bolts.
- Unscrew the gas spring bolt/nut **C** and move to the hole that corresponds with the holes for the backrest bracket.
- When using the foremost position of the backrest bracket, move bolt/nut **C** to the rear hole.

WARNING!

Adjusting the centre of gravity can affect the chair's driving characteristics, balance and tipping point. Exercise particular care when you start to use the chair again.



6.18 Adjusting the height of the armrests (Fig. 6.19)

- Loosen the screws **A** and **B**.
- Raise or lower the armrest to the desired position.
- Re-tighten the screws.

6.19 Adjusting the depth of the armrest (Fig. 6.20)

- Loosen the screw **A**.
- Slide the armrest pad forwards or backwards to the desired position.
- Tighten the screw.

6.20 Adjusting the height of the cloth protector (Fig. 6.21)

- Loosen the screws **A**.
- Slide the cloth protector up or down to the desired position.
- Tighten the screws

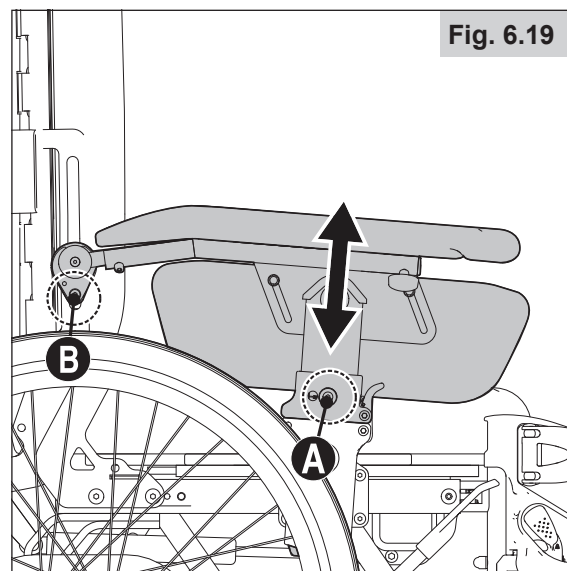


Fig. 6.19

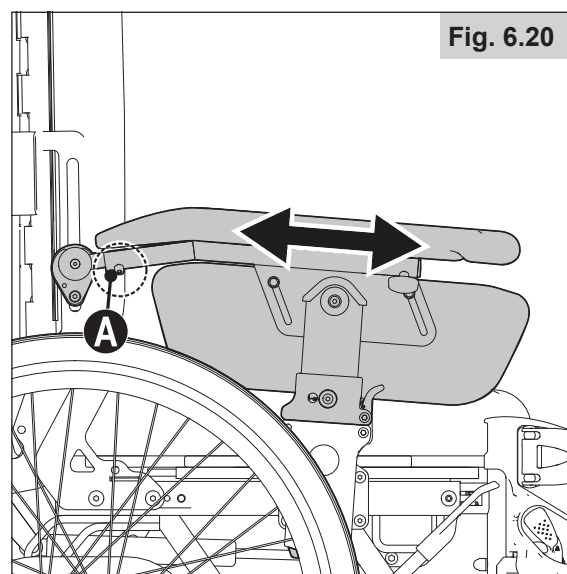


Fig. 6.20

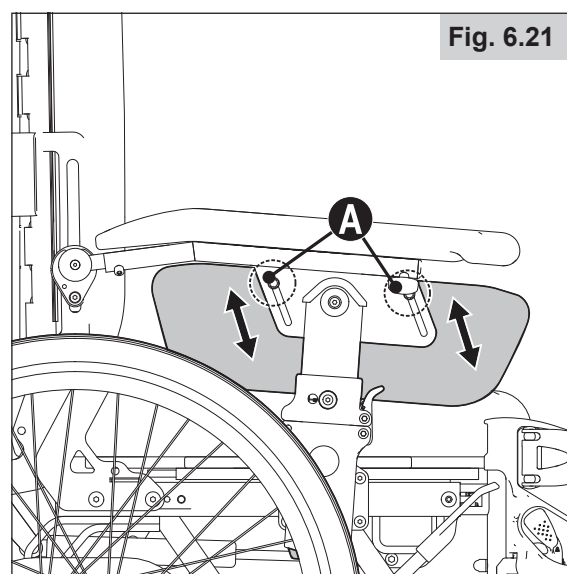


Fig. 6.21

6.21 Fitting the hip belt (accessory)

DANGER!

Before using your wheelchair ensure the seat belt is worn and correctly adjusted before use.

The lap belt is fitted to the wheelchair as shown in the illustrations. The seat belt comprises 2 halves. They are fitted using the existing seat stay retaining bolt fitted through the eyelet on the belt. The belt is routed under the rear of the side panel. (Fig. 6.22).

WARNING!

Placing the belt over the hip, against the soft skin of the stomach, can result in the wrong sitting position and the user sliding forward in the wheelchair.

Adjust lap belt to suit the user's needs as follows:

To increase the belt length

- Feed free belt through slide adjusters and male buckle to provide more belt length (Fig. 6.23).

To reduce the belt length

- Feed free belt back through male buckle and slide adjusters (Fig. 6.24).
- Ensure belt is not looped at male buckle. (Fig. 6.25)

When fastened check space between the lap belt and user, when correctly adjusted it should not be possible to insert more than the flat of the hand between the lap belt and the user. (Fig. 6.26)

Generally the Lap Belt should be fixed so that the straps sit at an angle of approximately 45°, and when correctly adjusted should not allow user to slip down in the seat. (Fig. 6.27).

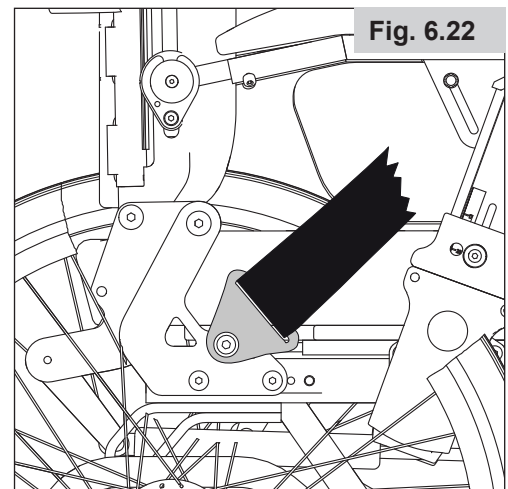


Fig. 6.22

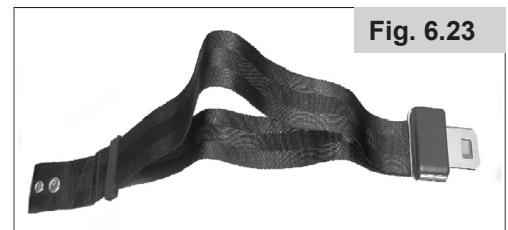


Fig. 6.23



Fig. 6.24

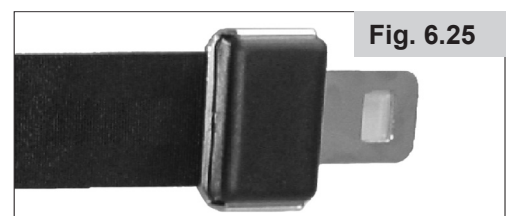


Fig. 6.25



Fig. 6.26

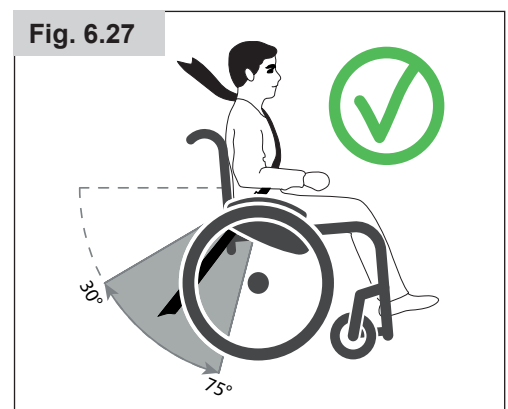


Fig. 6.27

To fasten buckle (Fig. 6.28):

- Firmly push male buckle into female buckle.

To release belt (Fig. 6.29):

- Press exposed sides of male buckle and push towards centre / push the press button of the female buckle whilst gently pulling apart.

Advice to client



DANGER!

- Do not rely on the lap belt only when the wheelchair and occupant are transported in a vehicle, use the separate occupant lap and diagonal restraints provided in the vehicle.
- Before use we recommend that the lap belt be checked to ensure that it is adjusted correctly, free from any obstruction or adverse wear and that the buckle engages securely.
- Failure to make sure that the lap belt is secure and adjusted prior to use could cause serious injury to the user. e.g. too loose a strap may allow the user to slip down in the chair and risk suffocation.



WARNING!

Placing the belt over the hip, against the soft skin of the stomach, can result in the wrong sitting position and the user sliding forward in the wheelchair.

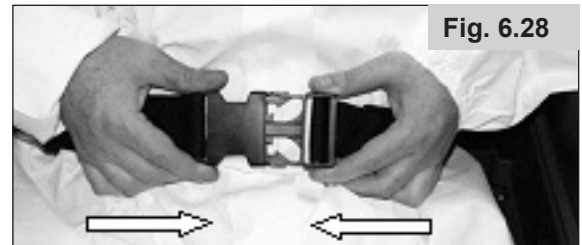


Fig. 6.28

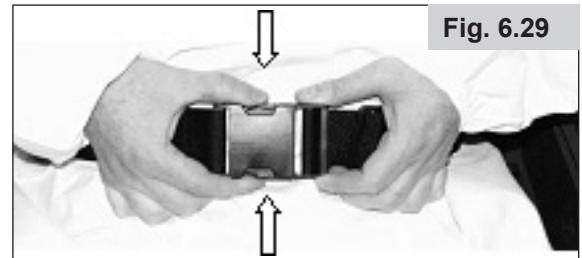












Fig. 6.29

Name Plate


















Nameplates

The nameplate is located on either the cross-tube assembly or the transverse frame tube, as well as on a label in the owner's manual. The nameplate indicates the exact model designation and other technical specifications. Please provide the following pieces of information whenever you have to order replacement parts or to file a claim:


[SAMPLE]

	 Sunrise Medical GmbH Kahlbachring 2-4 D-69254 Malsch / Germany	 XXXX-XX-XX
TYPE:	Wheelchair, Rollstuhl, Fauteuil Roulant, Silla de Ruedas	SN XXXXXXXXXXXXXXXX
Cirrus G5	ISO 7176-19:2008	
 XXX kg	 max X°	 XXX mm
	 XXX mm	  

UK	RP	Sunrise Medical Limited Thorns Road, Brierley Hill West Midlands, DY5 2LD UNITED KINGDOM
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TYPE:	Product Name/SKU Number.
 max X°	Maximum safe slope with anti-tip tubes fitted, Depends on wheelchair setting, posture and physical capabilities of the user.
 XXX mm	Seat width.
 XXX mm	Seat depth.
 XXX kg	Load Maximum.
	UKCA Mark.
	CE Mark.
	Consult instructions for use.
 XXXX-XX-XX	Date of manufacture.
	Serial number.
	This symbol means Medical Device.
	Manufacturer's address.
	Crash tested according to ISO 7176-19:2008.
	Importer's address
 	UK Responsible Person
 	Swiss Representative's address

Due to our policy of continuous improvement in the design of our wheelchairs, product specifications may vary slightly from the examples illustrated. All weight/ dimensions and performance data are approximate and provided solely for guidance.

 All wheelchairs must be used in accordance with the manufacturer's guidelines.

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Daily Checks

CAUTION!

As the user, you are the first person to notice any possible defects. We therefore recommend that before each use, you check the items in the following list:

- Check for correct tyre pressures
- Check that the wheel locks work correctly
- Check that all removable parts are secure, e.g. armrest, footrest, quick-release axle etc.
- Check for visible damage e.g. on the frame, backrest, seat sling and back sling, wheels, footplate etc
- If there is any damage or malfunction, please contact your authorised dealer.



ISO 7010-M002
Instruction manual/booklet must
be read! (Blue Icon)

Tyres and mounting

Solid tyres are fitted as standard from the factory.

If pneumatic tyres are used, make sure that you maintain the correct tyre pressure, as this can have an effect on wheelchair performance. If the tyre pressure is too low, rolling resistance will increase, requiring more effort to move the chair forward.

Low tyre pressure also has a negative impact on manoeuvrability. If the tyre pressure is too high, the tyre could burst. The correct pressure for a given tyre is printed on the surface of the tyre itself, (Max 3.5 bar).

Tyres can be mounted the same way as an ordinary bicycle tyre. Before installing a new inner tube, you should always make sure that the base of the rim and the interior of the tyre are free of foreign objects. Check the pressure after mounting or repairing a tyre. It is critical to your safety and to the wheelchair's performance that regulation air pressure be maintained and that tyres be in good condition.

Maintenance and Care

Maintenance

- Check the tyre pressure every 4 weeks. Check all tyres for wear and damage.
- Check the wheel locks approximately every 4 weeks to make sure that they are working properly and are easy to use.
- Change tyres as you would an ordinary bicycle tyre.
- All of the joints that are critical to using your wheelchair safely are self-locking nuts.
- Please check every three months to make sure that all bolts are secure (see the section on torque).
- Safety nuts should only be used once and should be replaced after use.
- Please use only mild household cleansers when your wheelchair is dirty. Use only soap and water when cleaning the seat upholstery and lap belt.
- If your wheelchair should ever get wet, please dry it after use, to avoid rust and salt corrosion.
- A small amount of sewing-machine oil should be applied to quick release axles approximately every 8 weeks. Depending on the frequency and type of use, we recommend taking your wheelchair to your authorised dealer every 12 months to have it inspected by trained personnel.

CAUTION!

Sand and sea water (or salt in the winter) can damage the bearings of the front and rear wheels. Clean the wheelchair thoroughly after exposure.

The following parts can be removed and sent to the manufacturer / dealer for repair:

Rear wheels, Armrest, Hanger, Anti – tips. These components are available as spares. More details can be found in the parts manual.

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 disinfectant as authorised/ recommended in your country, for rapid alcohol-based disinfection for medical products and medical devices, which must be disinfected quickly.

Please be aware of the manufacturer's instructions for the disinfectant you are using.

In general, a complete disinfection cannot be guaranteed on seams. We therefore recommend that you dispose of seat and back slings to avoid micro-bacterial contamination with active agents according to your local infection protection law.

Storage

- Please Store indoors in a cool, dry place.
- During storage, the ambient temperature should not be lower than -20°C or higher than +65°C.
- Recommended humidity: 15% - 93%.
- No restrictions on air pressure.

Trouble shooting

Wheelchair pulls to one side

- Check tyre pressure (pneumatic tyres only)
- Check to make sure wheel turns easily (bearings, axle)
- Check the castor angles are set consistently and make proper contact with the ground
- Ensure castor fork bearings rotate freely

Castors begin to wobble

- Check the castor angle
- Check to make sure all bolts are secure; tighten if necessary (see the section on torque)
- Check to make sure both castors are making proper contact with the ground

Wheelchair squeaks and rattles

- Check to make sure all bolts are secure; tighten if necessary (see the section on torque)
- Apply small amount of lubrication to spots where movable parts come in contact with one another

Wheelchair begins to wobble

- Check angle at which castors are set
- Check tyre pressure
- Check to see if rear wheels are adjusted differentl

Dampeners and cables



CAUTION!

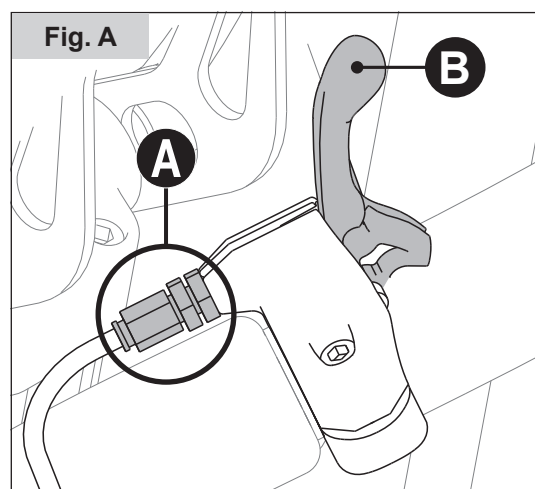
In order to avoid any reduction in function, you must make sure that the cables are never set too taut.

Problem:

Play in the lever

Solution:

Loosen the adjustment screw **A** until the lever **B** has no play, (Fig.A).



Seat angle setting

Problem:

The seat moves out of position, without the use of the dampener release

Cause:

The Bowden cables on the buffer are stretched too tightly.

Solution:

Set the Bowden cables on the adjustment screw(1)



CAUTION!

Protect the Bowden cable from damage (buckling). Should it be buckled, then it must be replaced.

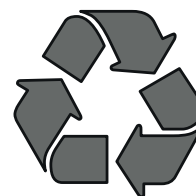
Disposal / Recycling of Materials

NOTE: If the wheelchair has been supplied to you free of charge it may not belong to you. If it is no longer required follow any instructions given by the organisation issuing the wheelchair in order that it may be returned to them.

The following information describes the materials used in the wheelchair in relation to the disposal or re-cycling of the wheelchair and its packaging. Specific waste disposal or recycling regulations may be in force locally and these should be taken into consideration when disposal arrangements are made. (This may include the cleaning or decontamination of the wheelchair before disposal).

Steel:	Fasteners, QR axle, side frames, armrests, frame, leg rests, push handles.
Plastic:	Hand grips, castor forks, tube plugs, castor wheels, footplates, arm pads and 12" wheel/tyre, wheels, side guards.
Packaging:	Low density polythene bag, cardboard box.
Upholstery:	Woven polyester with PVC coatings and expanded combustion modified foam.

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.



Accessories

Driving wheel and driving wheel fastening

- Driving wheels in a variety of sizes and tyres – solid, high-pressure and pneumatic
- Friction hand rim
- Friction cover
- Spoke guards
- Driving wheels 20", 22" and 24" with brake for assistant
- Transport wheels 16" with brake for assistant

Castor wheel and castor wheel fastening

- Castor wheels in a variety of sizes and tyres – solid and pneumatic
- Castor wheel forks in different sizes

Leg supports

- Various leg supports and footplates
- Leg supports with 70° and 90° hangers
- Amputation support

Headrests

- Various head rests

Armrests and clothes protectors

- Hemiplegia armrests

Miscellaneous accessories

- Crutch holder
- Table
- Various seat and back cushions
- Positioning belt

Assembly instructions are supplied with the accessories.

Contact your nearest Sunrise branch or aids centre for accessories and spare parts.





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