



Seahorse Plus Instructions for Use

N72012 – Seahorse Plus Small

N72024 – Seahorse Plus Medium

N72036 – Seahorse Plus Large



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Please ensure these instructions are fully read and followed. Failure to do so may result in injury to the user. Retain these instructions in a safe place for future reference.

1 Intended Use

1.1 Users

There are three sizes of Seahorse Plus chair, each of which accommodates a different size range of user:

Model	Stock Code	Approx age range*	Safe Working Load
Seahorse Plus Small	N72012	5-10 years	64 kg / 10 Stone
Seahorse Plus Medium	N72024	10-15 years	102 kg / 16 Stone
Seahorse Plus Large	N72036	15+ years	152 kg / 24 Stone

(*Note: Age ranges are approximate and are for guidance only)

WARNING: Do not exceed the Safe Working Load identified above

We strongly recommend that an assessment is carried out by a qualified healthcare professional (eg: an occupational therapist) before purchasing / using the chair.

Subject to this assessment:

- The Seahorse Plus is suitable for users who are **ambulant and non-ambulant**, and can be used with a suitable hoist.
- The Seahorse Plus is suitable for users who require **moderate postural support**.
- The Seahorse Plus is suitable for users who have **moderate to severe cognitive impairment**, provided these users are fully supervised during use.

1.2 Use Environment

The Seahorse Plus chair is designed to assist toileting and showering for children and young adults. It can also be used to manoeuvre the user within a bathing environment. However it is not designed for general transport purposes, and is not designed for outdoor use.



Over a toilet (Potty removed)



In a shower cubicle

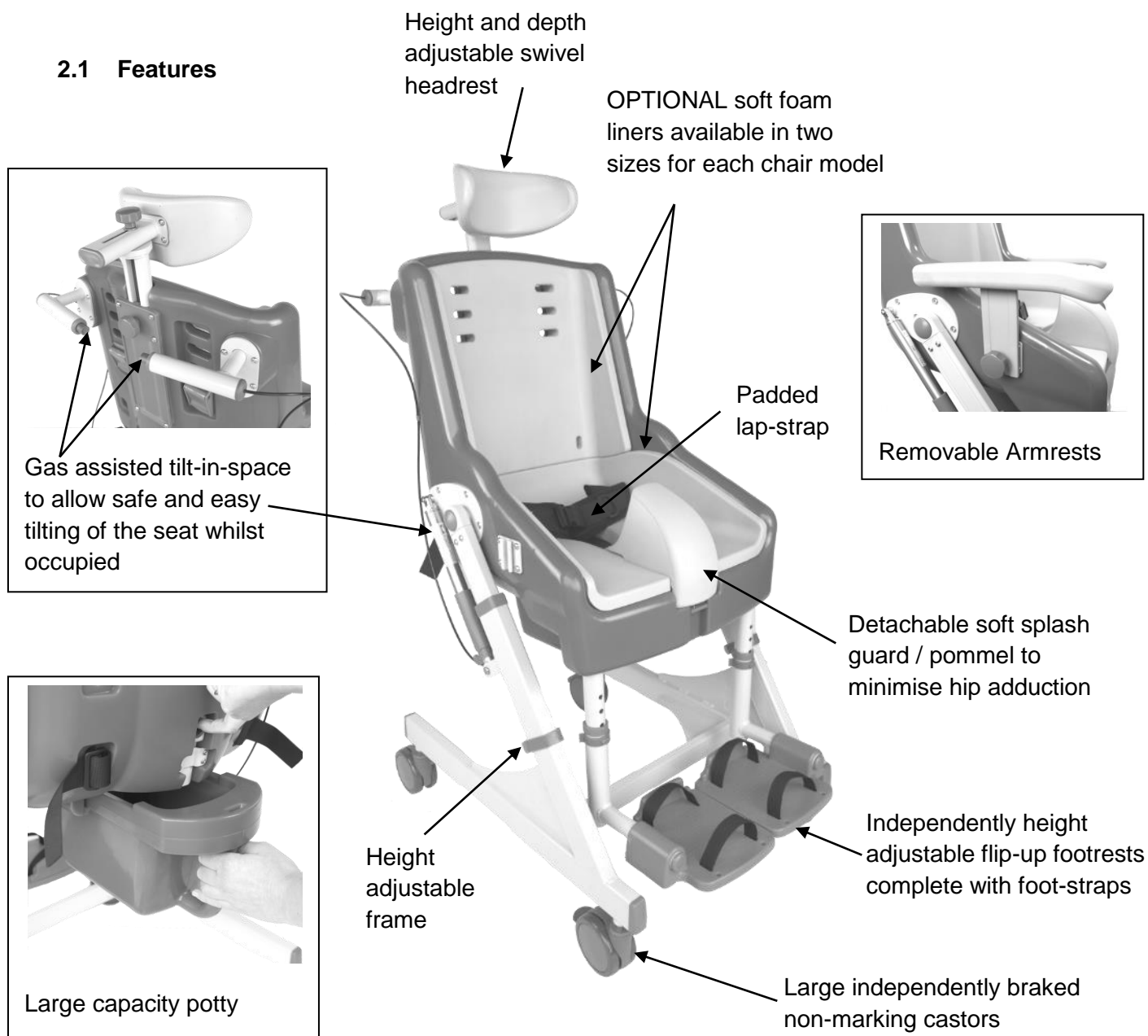


Over a bath

WARNING: Do not store the Seahorse for extended periods where it is exposed to strong sunlight – this could cause discolouration or degradation of the materials.

2 Product Information

2.1 Features



The Seahorse Plus comes fully assembled, apart from the following items, which will be supplied loose in the box and which require assembly:

Standard Parts requiring assembly	Optional Accessories (If ordered with chair)
<ul style="list-style-type: none"> • Footrests 	<ul style="list-style-type: none"> • Thick or Thin Liners
<ul style="list-style-type: none"> • Foot-straps 	<ul style="list-style-type: none"> • Anterior Support
<ul style="list-style-type: none"> • Lap-Strap 	<ul style="list-style-type: none"> • Chest Harness
<ul style="list-style-type: none"> • Headrest 	<ul style="list-style-type: none"> • Butterfly Harness
<ul style="list-style-type: none"> • Armrests 	
<ul style="list-style-type: none"> • Pommel 	

2.2 Accessories



Thick Liners

N72310 Small Seat & Back Liner Thick (Size 1)

N72334 Medium Seat & Back Liner Thick (Size 3)

N72668 Large Seat & Back Liner Thick (Size 5)

N84981 Large Seat & Back Liner Extra Thick (Size 7)



Thin Liners

N72322 Small Seat & Back Liner Thin (Size 2)

N72346 Medium Seat & Back Liner Thin (Size 4)

N72679 Large Seat & Back Liner Thin (Size 6)



Anterior Support

N72127 Anterior Support Small

N72188 Anterior Support Medium / Large



Chest Harness

N72139 Chest Harness Small

N72140 Chest Harness Medium

N72723 Chest Harness Large



Butterfly Harness

N72152 Butterfly Harness Small

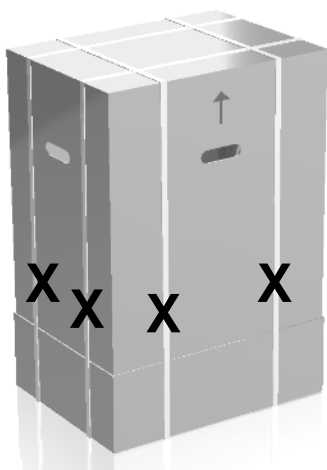
N72164 Butterfly Harness Medium

N72759 Butterfly Harness Large

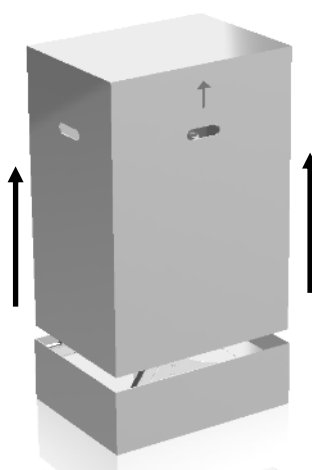
3 Unpacking

The Seahorse Plus is supplied in a robust shipping carton. It needs to be carefully unpacked before use.

WARNING: Take care when unpacking the Seahorse Plus. It is heavy (19-25 Kg depending on model) and should be lifted by TWO people.



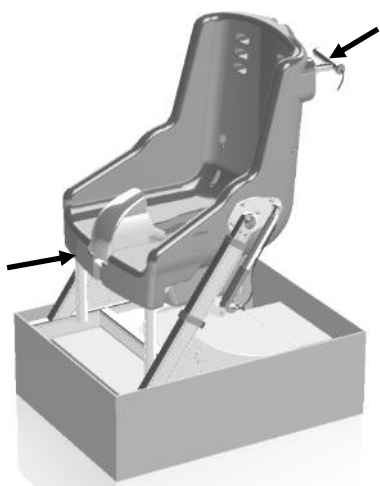
Ensure the carton is placed on the floor with the hand-holds at the top. Cut the 4 straps securing the carton.



Lift the lid clear from the base of the carton. Remove any loose boxes inside the carton.



Remove the polythene bag around the Seahorse chair and any packaging fixed to the chair.



Grasp the chair under the front of the seat and by the rear handles (2 person lift).



Lift the chair (2 person lift) clear of the base of the carton and lower chair to the floor.



Inspect the chair for any signs of damage.

Fully inspect the product before first use. If the chair is in any way damaged, please contact NRS Healthcare Customer Services on: 0345 121 8111, International +44 (0)1530 232 292

4 Assembly

4.1 Assembling the Footrests



The chair is supplied with the footrests not fitted. They must be assembled to the chair before first use.

1. Tilt the chair back to a reclined position (see section 5.5)
2. Slide the footrests onto the footrest support tubes (Note: the footrests are handed left and right). Set the footrest to the required height, and align the holes in the inner and outer tube
3. Insert the two height adjustment clips (A) as shown. Return the chair to an upright position

4.2 Fitting the Foot-Straps



The Foot-straps are supplied loose in a bag, to be fitted by the customer if required

1. Release the plastic adjustment buckle, and thread the webbing through the slots in the footrests, leaving the buckle uppermost
2. Feed the loose end of the strap through the buckle and fasten securely

4.3 Fitting the (optional) Liners



The chair is supplied without liners fitted. There are two sizes of liners (Thick and Thin) for each chair model. If liners were ordered at the time of purchase these will be included in the chair carton in a separate box.

Please remove the liners from the packaging, and insert into the chair seat as shown, making sure the liners are pushed firmly into the slots in the back of the seat moulding.

It is recommended to fit the seat liner first, followed by the back liner.

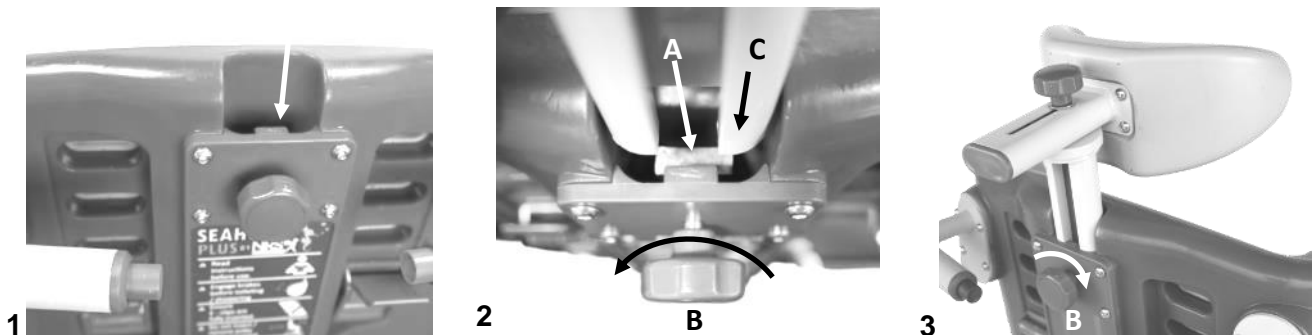
4.4 Fitting The Pommel



The pommel is supplied loose. It should be fitted AFTER fitting the seat and back liners.

The pommel is inserted into the seat by locating the slots in the pommel with two ribs in the seat moulding. It should be pushed in firmly until an audible click is heard.

4.5 Fitting the Headrest



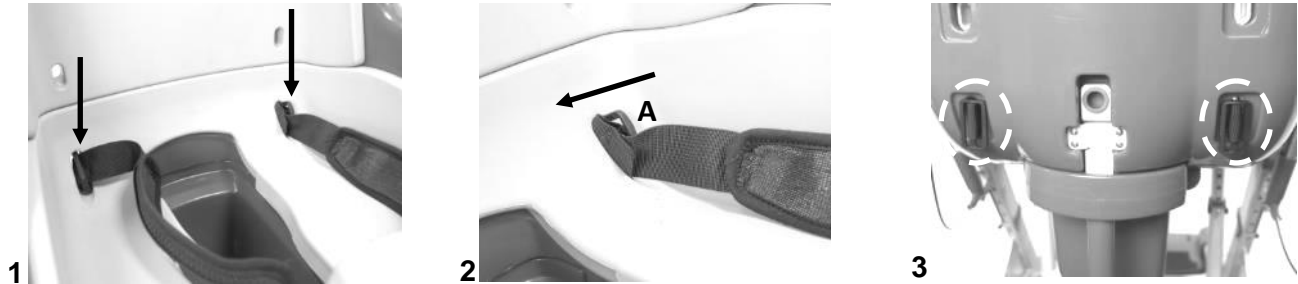
The chair is supplied with the headrest in a separate box. It should be fitted before first use.

- 1 With the chair seat in the upright position, locate the slot for the headrest at the top of the chair
- 2 Loosen the T-nut (A) by rotating the knob (B) counter-clockwise. Insert the headrest vertical column (C) into the slot, past the T-nut (A). If the column (C) will not slide down the slot, try adjusting the knob (B), until the column will slide over the T-nut (A)
- 3 Once in the required position, tighten the knob (B) clockwise securely

CAUTION: We strongly recommend using the headrest especially when the chair is being tilted, to ensure the users head is fully supported.

4.6 Fitting the Lap-strap

The lap-strap should be fitted to the chair before use. Please make sure you have the correct size of lap-strap for the chair (Small = N72802, Medium = N72814, Large = N72826).



- 1 The lap-strap is fitted by feeding the two rear buckles (A) through the slots in the seat liner and seat. The Seahorse label should be on the left as viewed from the front
- 2 The buckles (A) must be pushed fully through the slots, by rotating them through 90 degrees
- 3 The straps should then be pulled from the front, to locate the buckles flush at the rear of the seat. Make sure the buckles cannot pull through the seat, by tugging firmly

WARNING: Only use the lap-strap supplied with the chair. Check regularly for signs of wear or damage and replace where necessary (see spares section 8)

4.7 Fitting the Armrests



The chair is supplied with the armrests in a separate box. They should be fitted before use.

1. To fit, loosen the knob (A) and slot the armrests into the plates either side of the chair (Note: the armrests are handed left and right, and they should be angled down at the front)
2. When the armrests are slotted in place, tighten the knob (A) securely

WARNING: The chair is designed to be used with the armrests in place. They can be removed if they get in the way of entry / exit of the chair (such as hoisting a user or during side transfers). However, either the armrests (or the optional anterior supports) should always be fitted when operating the Tilt-in-Space function of the chair.

WARNING: The armrests are not designed to support the user's full body weight. If sat on, they could be damaged.

5 General Operation & Adjustment

The Seahorse Plus chair is designed to assist toileting and showering for children and young adults. It can be used over a toilet or with the supplied potty.

The Seahorse Plus chair can be used to manoeuvre the user within a bathing environment. It is not designed to be used as a wheelchair for general transport purposes.

The Seahorse Plus chair is constructed from corrosion resistant materials. However it should be wiped dry after each use. The Seahorse Plus chair is not designed for use or storage outdoors.

WARNING: Before using the chair for the first time, ensure the chair is fully assembled (see section 4), and that the chair is correctly adjusted for the user as described below.

WARNING: Before getting in or out of the chair, ensure castors are locked (except when using a hoist). Ensure footrests are flipped up and that the user does not stand on the footrests.

WARNING: Do not use the chair to transport the user up or down steep ramps or slopes.

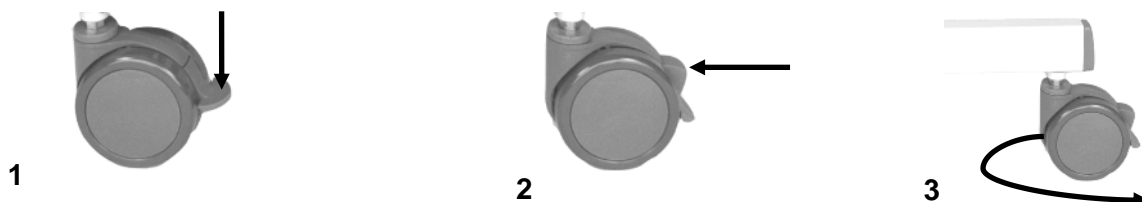
WARNING: Do not leave a user unattended in the chair, or leave the chair in an unsupervised environment.

CAUTION: Ensure seat height is correctly adjusted (see section 5.2) and potty removed (see section 5.8) before using over a toilet. Take care when positioning the chair over the toilet to ensure the seat aperture lines up with the toilet bowl to avoid spillage.

CAUTION: We recommend that the lap-strap is used at all times during showering or bathing, to reduce risk of the user sliding out of the chair.

5.1 Operation of Castor Brakes

The chair has 4 independently lockable castors. We recommend that all castor brakes are engaged before getting in or out of the chair (except during hoisting), or using it for toileting or showering. In the event the rear brakes are inaccessible (for example when the chair is positioned over a toilet), ensure at least the front brakes are engaged.

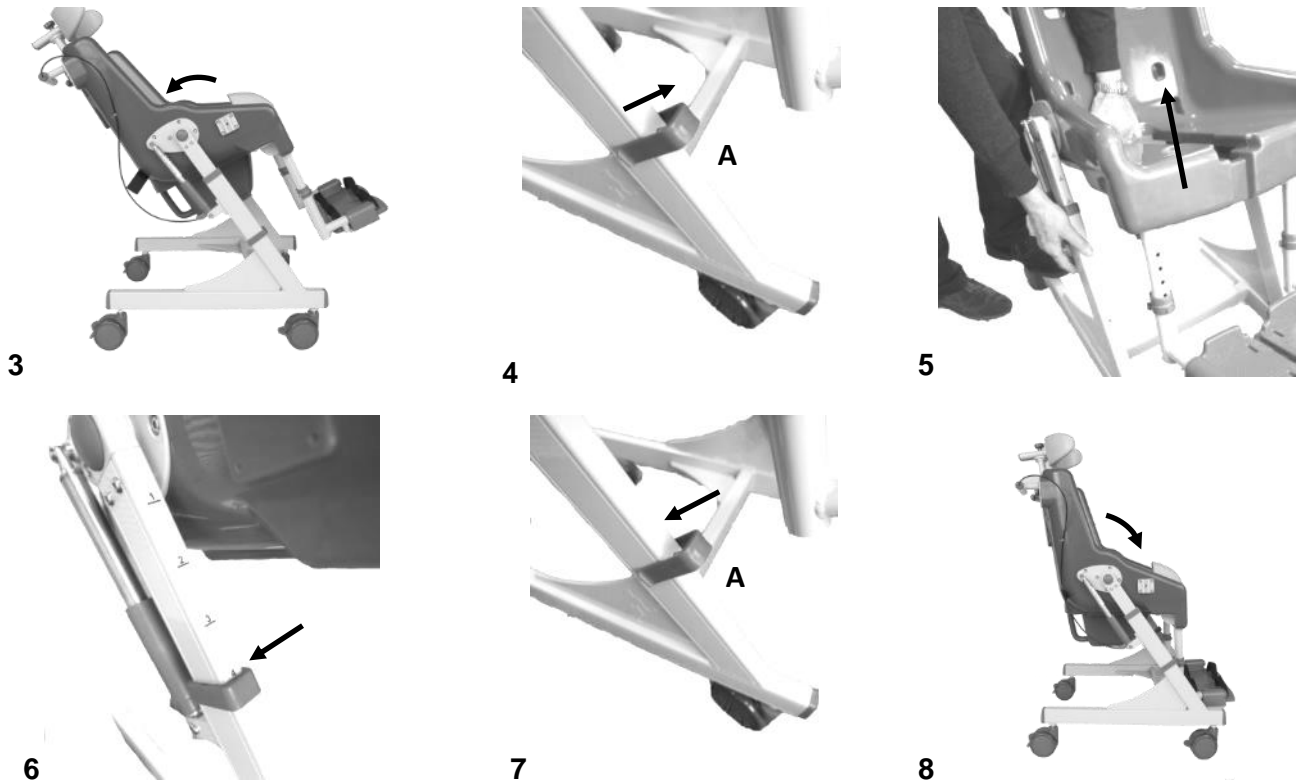


1. To engage the castor brake, press down on the tab on the castor
2. To disengage the castor brake, press-in the button above the tab
3. For maximum stability (especially when tilted), the rear castors should be rotated backwards and locked

5.2 Height Adjustment of Seat

The seat height can be adjusted to suit different users and to aid positioning over a toilet.

There are 4 adjustment holes, giving an adjustment of 108mm / 4.25". Each position is marked by a line on the upper leg, and a number (1-4), 1 being the lowest setting and 4 being the highest.

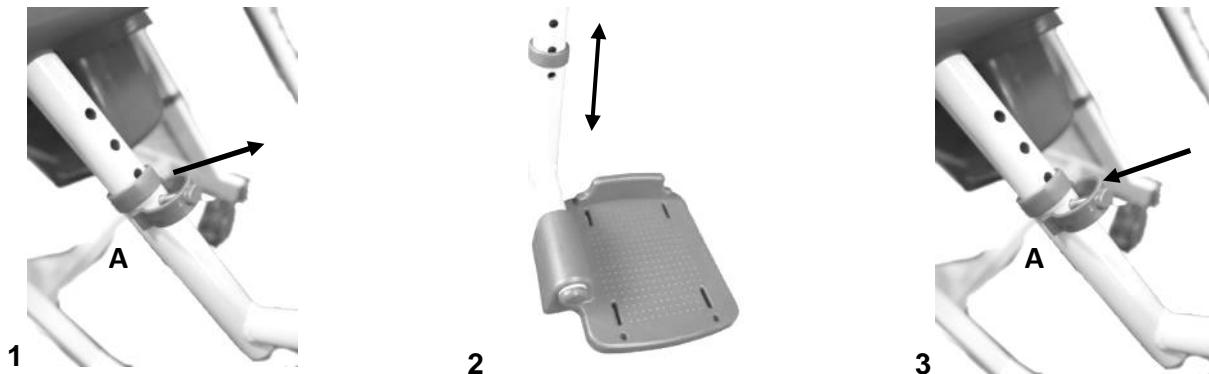


WARNING: The chair should not be occupied when adjusting the seat height

- 1 Lock all 4 castors (see section 5.1)
- 2 Remove the potty (see section 5.8)
- 3 Tilt the chair until the back is in line with the angled legs (see section 5.5)
- 4 Remove both height adjustment clips (A)
- 5 Standing behind the seat, place your foot on the bottom bar of the frame. This will help prevent the frame from moving when lifting the seat. Place your hand through the potty hole and lift or lower the seat. This requires a reasonable amount of force and may require two people
- 6 Align the desired height marking on the inner leg with the outer leg
- 7 Insert Height Adjustment clip (A). Repeat on the other leg, ensuring the same height marking is used
- 8 Tilt the chair back to vertical (see section 5.5)

WARNING: Check both height adjustment clips are securely fitted before use

5.3 Adjustment of Footrests



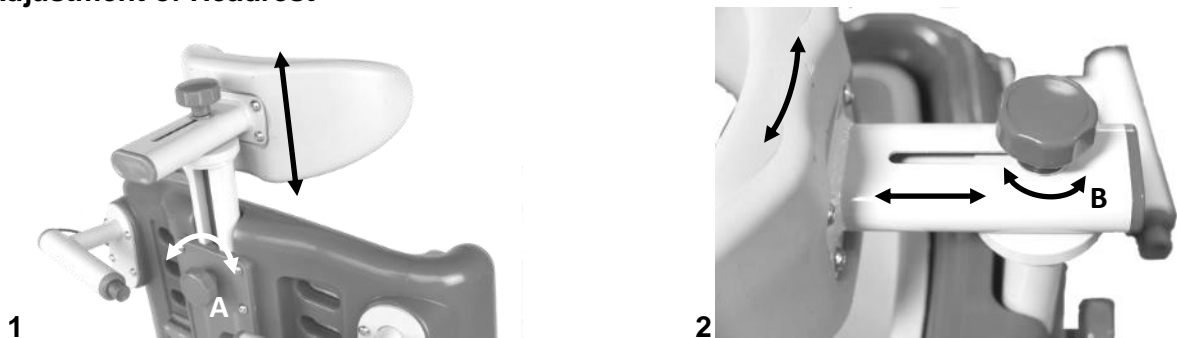
The height of the footrests can be individually adjusted with a total of 100mm / 4" height adjustment on the small and medium size chairs and 125mm / 5" height adjustment on the large size chairs.

- 1 To adjust, remove the adjustment clip (A) on the footrest
- 2 Raise the footrest up or down, and ensure the holes in the inner and outer tube are aligned
- 3 Replace adjustment clips (A)

WARNING: Ensure the adjustment clips are fully engaged before using the chair

CAUTION: If the seat height is at its lowest setting (see section 5.2), and the footrests are positioned at their lowest setting, we recommend tilting the seat slightly to ensure the front castors can freely rotate

5.4 Adjustment of Headrest

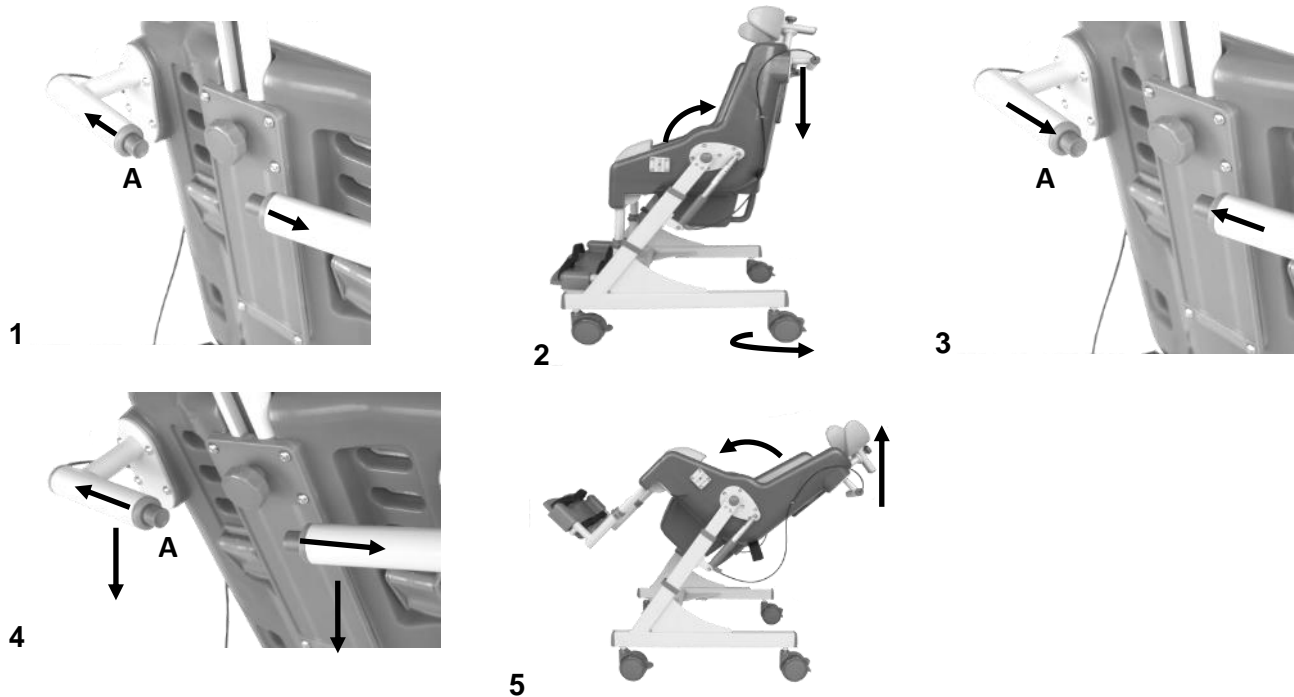


- 1 The headrest can be adjusted vertically by loosening the adjustment knob (A) anticlockwise, raising or lowering the headrest and tightening the adjustment knob
- 2 The headrest can be adjusted in and out, and rotated left and right, by loosening the top adjustment knob (B) and sliding the headrest forward or backward, or rotating the headrest left or right, and tightening the top adjustment knob

WARNING: Ensure the adjustment knobs are fully tightened before use

5.5 Operation of Tilt-in-Space

The chair can be tilted from upright to a 40° tilt in a smooth continuous motion. It is controlled by gas springs located either side of the chair (one gas spring only on small chair)



WARNING: Ensure the users arms are on the armrests and the users feet are on the footrests before operating the tilt-in-space mechanism

WARNING: Ensure rear castors are pointing backwards and locked before tilting the chair

- 1 The tilt-in-space is operated by pressing the two* red buttons (A) on the rear push handles The chair will not tilt unless both buttons are pressed (* the small chair only has one button)
- 2 Press down on the push-handles to tilt the chair
- 3 When the desired angle is reached, release the two red buttons and the chair angle will lock
- 4 To return the chair to upright, press down on the push handles to support the weight of the occupant, and press the red buttons (A) to release the lock
- 5 Raise the chair to the upright position by gently pulling up on the two push handles. When the chair is at the required position, release the two red buttons

5.6 Using and Adjusting the Lap-Strap

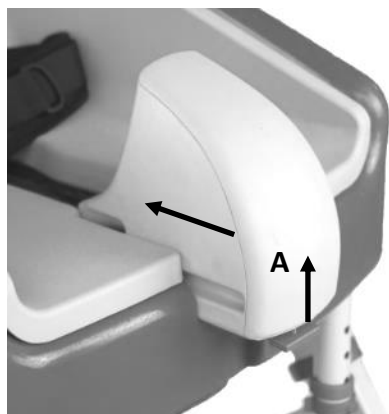


- 1 Position the user in the chair and buckle the lap-strap loosely around the users waist
- 2 Pull the two D-shaped toggles at the front to tighten the lap-strap

WARNING: Ensure the lap-strap is correctly adjusted for the user, and is a snug fit. Incorrectly adjusted lap-straps can result in the user sliding forward in the chair.

Caution: Take care to ensure the lap-strap does not fall into the potty when getting in or out of the chair. It can be tucked between the chair and armrest to keep it out of the way.

5.7 Using the Pommel



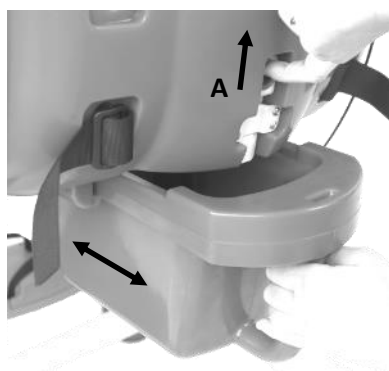
The pommel supplied with the chair can be used to help position the user. It also helps secure the seat liner in position.

The pommel is inserted into the seat by locating the grooves in the pommel with two ribs in the seat moulding. It should be pushed in firmly until an audible click is heard

To remove the pommel, lift the clip (A) and slide the pommel out

WARNING: Take care when inserting the pommel to minimise the risk of entrapment of the user

5.8 Using the Potty



To insert the potty, raise the potty latch (A) and align the potty with the two grooves under the seat, and slide into position. The latch (A) should then be released and should click into place in the slot in the potty

To remove the potty, raise the latch (A) and withdraw the potty, taking care to avoid spillage.

WARNING: We recommend not inserting / removing the potty with a user in the chair, to minimise the risk of entrapment

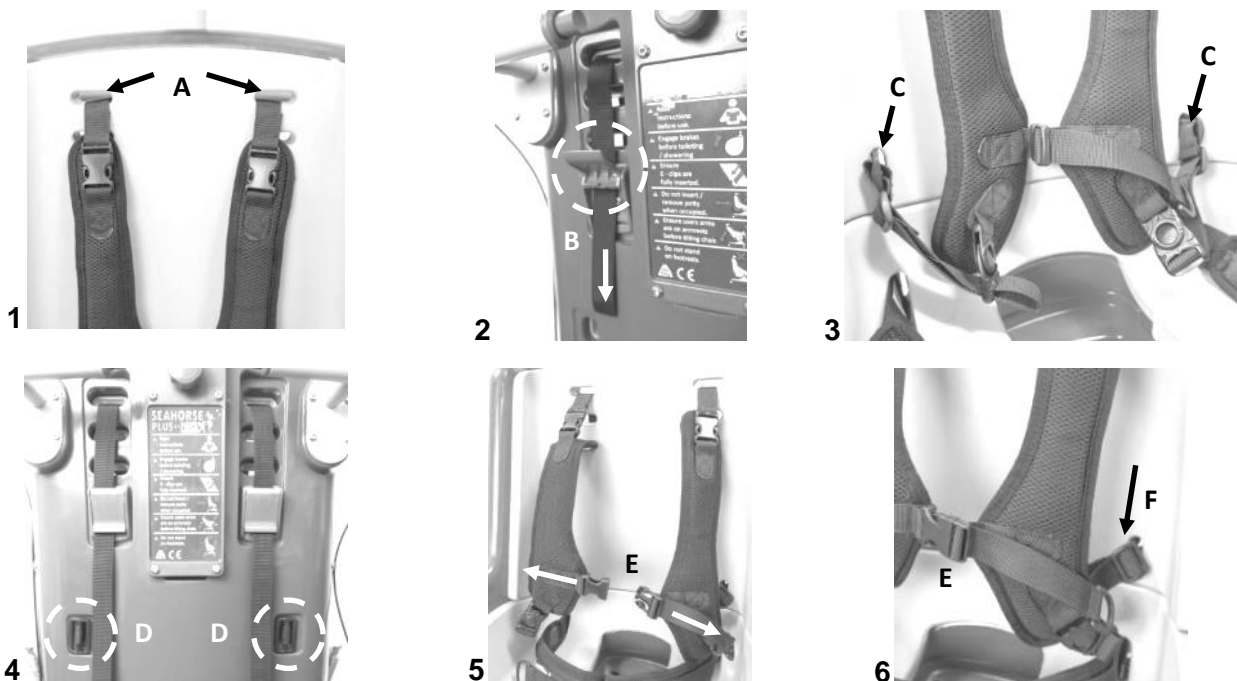
WARNING: The potty can be heavy when full

6 Operation of Accessories

6.1 Fitting and using the Chest Harness

The Chest Harness is supplied as an accessory. If not ordered at the time of purchase of the chair, one can be ordered direct from NRS Healthcare Customer Services on: 0345 121 8111, International +44 (0)1530 232 292

If ordered with the chair, the harness will be supplied loose in a bag. It should be fitted to the chair before use. Please make sure you have the correct size of Chest Harness for the chair (Small = N72139, Medium = N72140, Large = N72723).

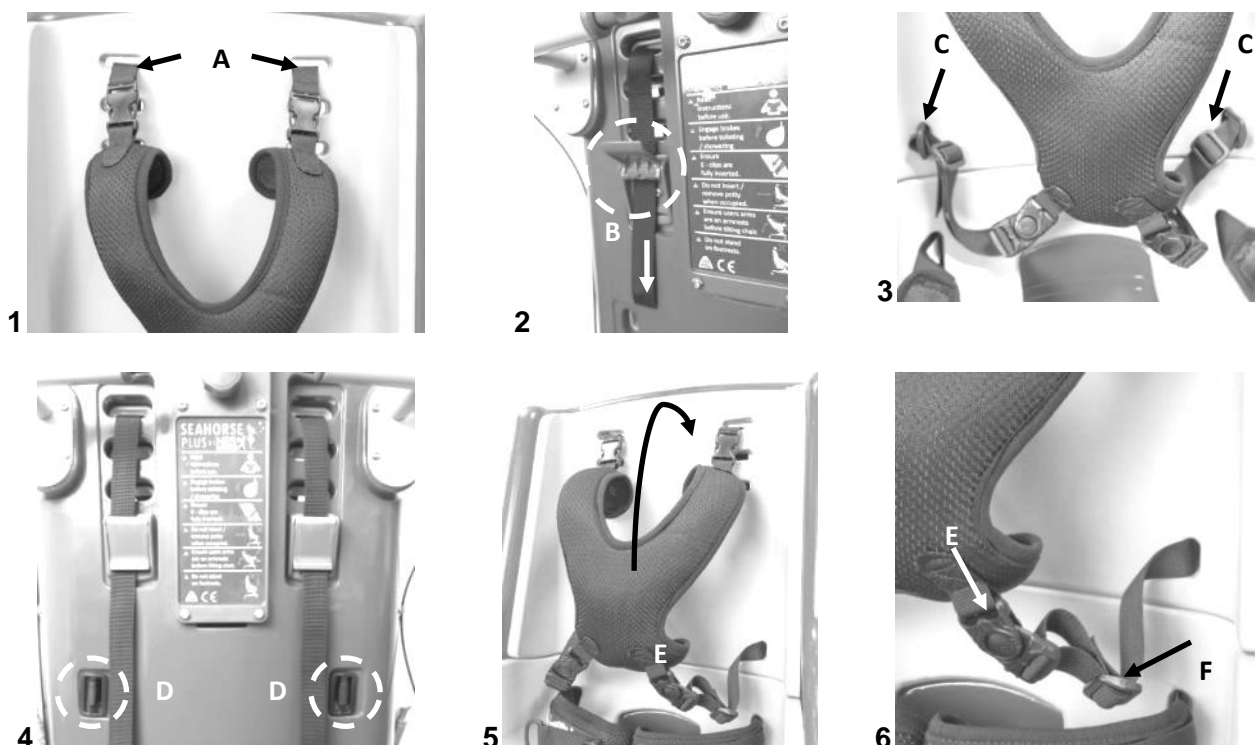


1. The chest harness is fitted by feeding the top webbing straps (A) through the upper slots in the chair seat / back liner (where fitted). There are three pairs of slots, allowing a different height setting for the harness
2. The top webbing straps should then be fed down through the cam-lock (B) and the cam-lock closed. Leave plenty of slack at this stage
3. The buckles on the lower straps (C) should be fed through the lower slots in the chair seat / back liner (where fitted), by rotating through 90 degrees and pushing firmly
4. The lower straps should then be pulled tight at the front, with the buckles (D) flush at the rear of the seat. Make sure the buckles cannot pull through the seat, by tugging firmly
5. Open the central buckle on the harness and loosen the front strap in the buckle, and sit the user in the chair. Tighten the upper straps from the rear of the chair, by opening the cam lock (B) and pulling down on the strap before closing the cam lock
6. To adjust the bottom straps, adjustment sliders (F) can be tightened on either side. Close the central buckle (E) to secure the user

6.2 Fitting and using the Butterfly Harness

The Butterfly Harness is supplied as an accessory. If not ordered at the time of purchase of the chair, one can be ordered direct from NRS Healthcare Customer Services on: 0345 121 8111, International +44 (0)1530 232 292

If ordered with the chair, the harness will be supplied loose in a bag. It should be fitted to the chair before use. Please make sure you have the correct size of Butterfly Harness for the chair (Small = N72152, Medium = N72164, Large = N72759).

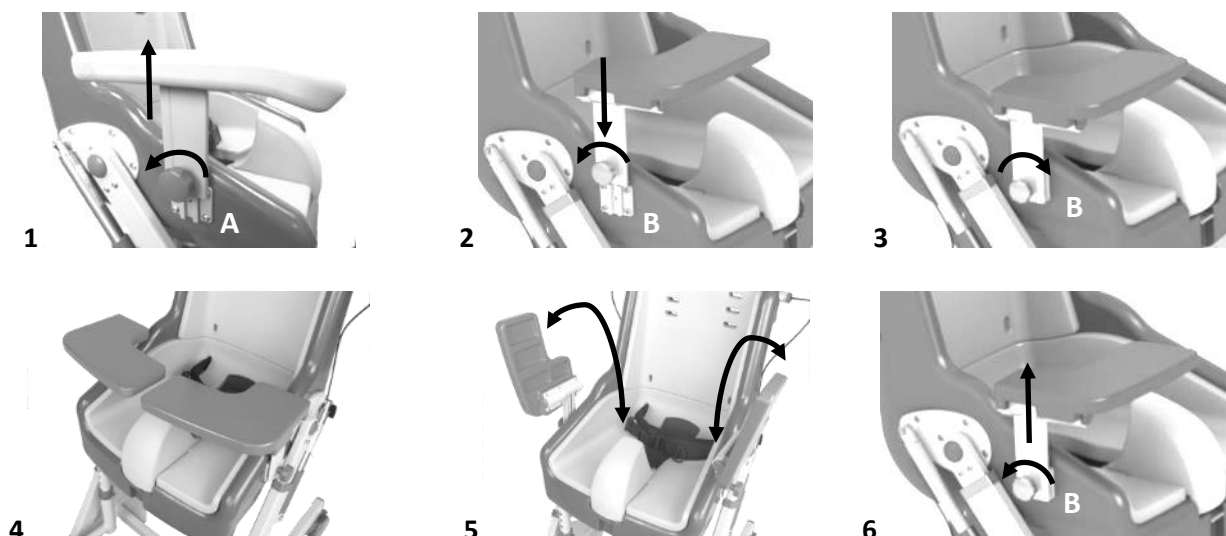


1. The butterfly harness is fitted by feeding the top webbing straps (A) through the upper slots in the chair seat / back liner (where fitted). There are three pairs of slots, allowing a different height setting for the harness
2. The top webbing strap should then be fed down through the cam-lock (B) and the cam-lock closed. Leave plenty of slack at this stage
3. The buckles on the lower straps (C) should be fed through the lower slots in the chair seat / back liner (where fitted), by rotating through 90 degrees and pushing firmly
4. The lower straps should then be pulled tight at the front, with the buckles (D) flush at the rear of the seat. Make sure the buckles cannot pull through the seat, by tugging firmly
5. Unclip the lower straps (E) from the harness, lift the harness and sit the user in the chair. Lower the harness over the user and reattach the lower straps. Tighten the upper straps from the rear of the chair, by opening the cam lock (B) and pulling down on the strap before closing the cam lock
6. To adjust the bottom straps, adjustment sliders (F) can be tightened on either side

6.3 Fitting and Using the Anterior Supports

The anterior supports are supplied as an accessory. If not ordered at the time of purchase of the chair, they can be ordered direct from NRS Healthcare Customer Services on: 0345 121 8111, International +44 (0)1530 232 292

The Anterior supports are designed to give additional support to the user during toileting. The anterior supports replace the armrests. If ordered, please make sure you have the correct size anterior supports for the chair (Small = N72127, Medium / Large = N 72188).



1. To fit the anterior supports, first remove the armrests by unscrewing the knob (A), and sliding out of the metal plates on the side of the chair
2. To fit the anterior support, loosen the knob (B) and slot the Anterior Supports into the plates either side of the chair
3. When the anterior supports are fully slotted in place, tighten the knob (B)
4. Note: the anterior supports are handed left and right, and they should look the same as the photo above upon installation, with the cut-out facing the user
5. The anterior supports are designed to flip-up, to allow the user to easily get in and out of the chair. To flip-up, simply grasp the plastic surface and pull upwards until it comes to a stop. To lower, reverse the procedure
6. To remove the anterior supports, simply loosen the knob (B) and pull the anterior support up, and slide out of the metal plates on the side of the chair

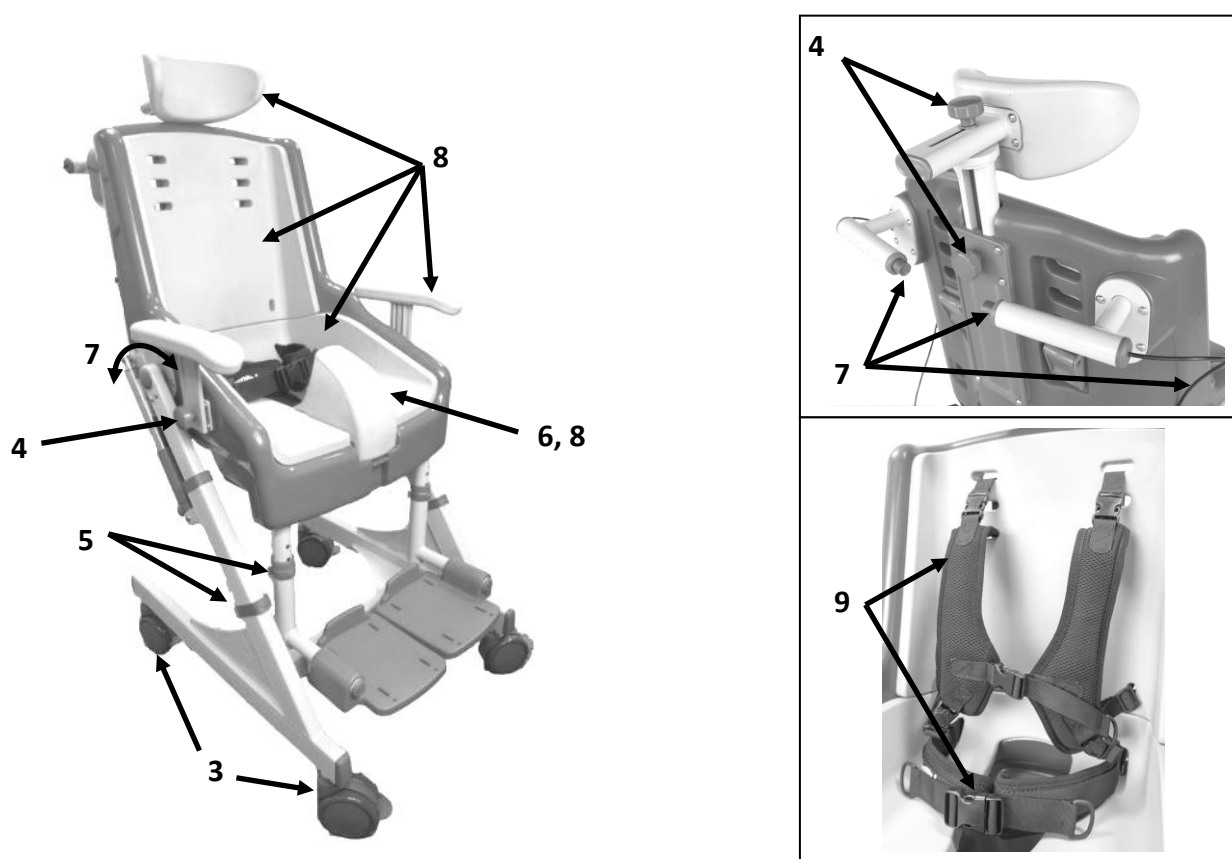
WARNING: The chair is designed to be used with either the armrests or anterior supports in place. The anterior supports can be removed if they get in the way of entry / exit of the chair (such as hoisting a user or during side transfers). However, the anterior supports should always be fitted when operating the Tilt-in-Space function of the chair.

WARNING: The anterior supports are not designed to support the user's full body weight. If sat on, they could be damaged.

7 Care & Maintenance

The Seahorse Plus chair is a complex piece of equipment. It is very robust, but over time, especially with heavy use (particularly if the chair is in a multi-user environment, or is used with clients who exhibit large involuntary movements) it could become damaged and unsafe to use. We strongly recommend making regular checks to ensure it is working correctly:

7.1 Monthly Checks



1. Check for any loose or visually damaged parts, loose or missing screws
2. Check that the seat is secure and not showing any free-play
3. Check all castors are free to rotate and that brakes lock correctly (see section 5.1). If any of the brakes fail to operate, stop using the chair immediately
4. Check all fastenings are tight, in particular the Armrest knobs (see section 4.7), Headrest knobs (see section 5.4) and Anterior Support knobs (see section 6.3)
5. Check all height adjustment clips are securely in place (section 5.2, 5.3)
6. Check the Pommel locks in place and does not slide out when pulled (see section 5.7)
7. Check the Tilt-in-Space mechanism operates smoothly, and that it locks correctly when the red push buttons are released (see section 5.5). Check for any fluid leaks from the tubes coming out of the push handles. If the Tilt-in-Space is hard to operate, does not lock correctly, or there is fluid leaking from the tubes, stop using the chair immediately.
8. Check for any damage to the soft moulded parts (seat liners, headrest, armrests, pommel). If any of these parts are damaged, they should be replaced
9. Check the Lap-Strap and Harnesses (where fitted) for any signs of damage to the webbing or to the buckles. If there is any sign of damage, they should be replaced



WARNING: If any faults or damage is identified, STOP using the chair immediately.

If a fault is identified, or to book an inspection by a service technician, please contact NRS Healthcare Customer Services on: 0345 121 8111, International +44 (0)1530 232 292. A list of spare parts is included in section 8. Some of these can be fitted by the customer, some require specialist skills.

7.2 Annual Inspection

We recommend that the Seahorse Plus Chair is checked annually by a qualified technician for safe operation and repair of any damaged or missing parts.

7.3 Fault-finding

Problem	Action
Castors fail to rotate	Check castor brakes are not engaged (see section 5.1)
Chair does not roll smoothly	Check castor brakes are not engaged (see section 5.1) Replace castor if faulty (see spares section 8)
Castors brakes don't engage	Replace castor – (see spares section 8)
Seat is not level / secure	Check height adjustment clips are in place and are in the right holes (see section 5.2)
Footrests not level	Check height adjustment clips are in the correct holes (see section 4.1 & 5.3)
Seat rocks around pivot	Check for loose / missing screws / fasteners Possible damage to gas springs – contact NRS Customer services for replacement / service
Armrests / Anterior Supports will not remove	Check knob is undone before removing (see sections 4.7 & 6.3)
Armrest / Anterior Supports loose	Check knob is fully tightened (see sections 4.7 & 6.3)
Headrest loose	Check knobs are fully tightened (see section 5.4)
Pommel slides out	Check pommel clip is latched in place, and an audible click is heard (see section 5.7). If clip damaged, replace pommel (see spares section 8)
Potty slides out	Check potty latch is located in the slot in the potty (see section 5.8). If the latch fails to engage, check the potty is fully pushed in
Lap-strap comes loose	Check buckles at back of chair, ensuring rear buckles are securely pushed through seat back (see section 4.6)
Harnesses come loose	Check cam locks are fully locked off. Ensure rear buckles are securely pushed through seat back (see section 6.1 & 6.2)

7.4 Cleaning & Disinfection

The chair should be cleaned regularly, and dried after each use. Cleaning the chair is an ideal opportunity to identify any signs of wear or damage (see section 7.1).

Regular cleaning is also essential to minimise risk of infection transmission between users and carers. This is particularly important in a multi-user environment. Particular attention should be taken to clean the potty / chair interface, and between the liners, the pommel and the seat moulding.



**WARNING: There is a risk of infection transmission to the carer when cleaning the chair.
Protective equipment should be worn during any cleaning or maintenance**

- Use a clean absorbent non-abrasive household cloth
- Cleaning may be carried out with hand hot water and a neutral detergent
- For disinfection we recommend a dilute bleach solution (sodium hypochlorate) equivalent to 1 part bleach to 20 parts water (0.1% or 1000 parts per million available chlorine)
- Rinse with clean water afterwards, and dry thoroughly after cleaning
- Check castors regularly for build up of fluff and dirt particles
- Do not use abrasive cleaners or solvents as these will damage the chair
- Check the chair for functionality after cleaning the chair

7.5 Lap-strap and Harness Cleaning

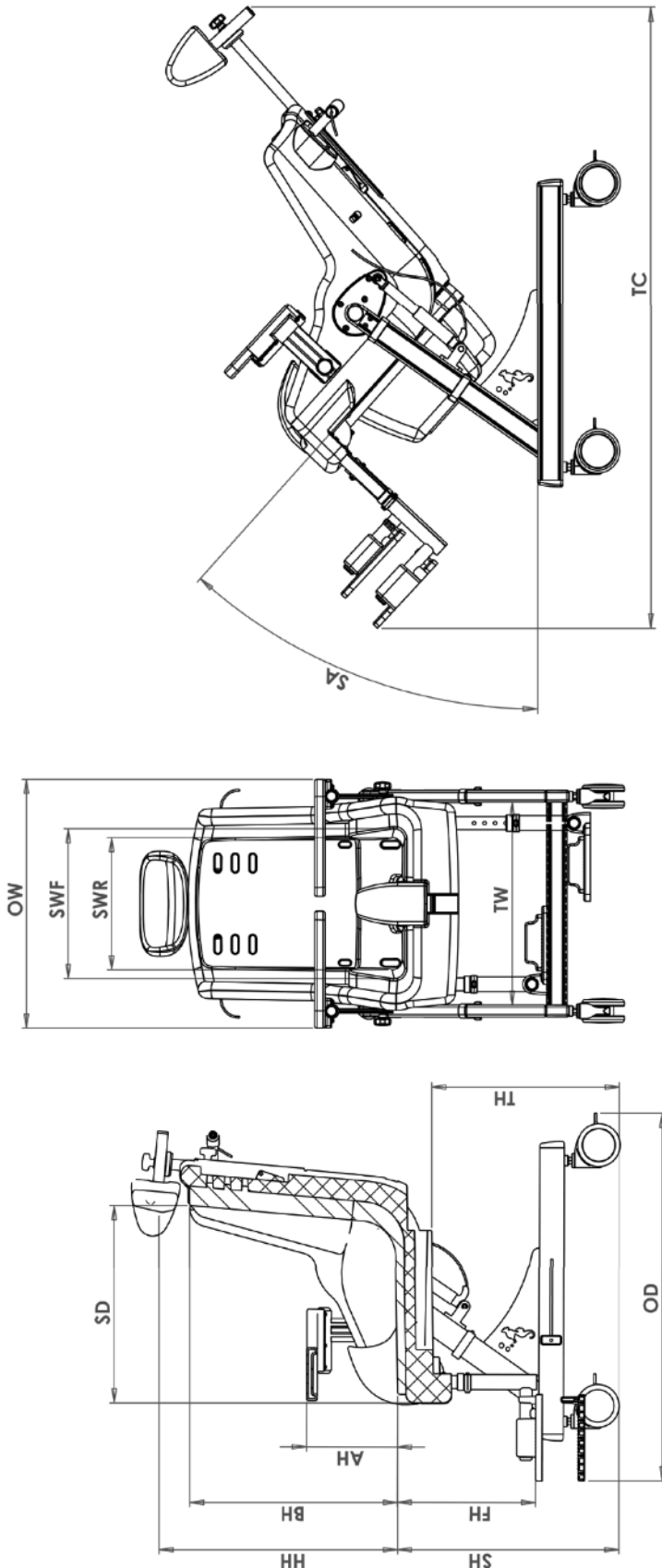
- Clean with sponge and warm soapy water
- Do not use bleach or solvents
- Do not steam clean, tumble dry or dry clean

8 Spare Parts

A comprehensive range of spare parts are available for the Seahorse Plus. These are available by contacting NRS Healthcare Customer Services on: 0345 121 8111, International +44 (0)1530 232 292. Please ensure you know the size of your chair, as some spares are size specific.

STOCK CODE	SPARES DESCRIPTION	FITTING SKILL
N72176	Seahorse Plus Headrest	Customer
N72199	Seahorse Plus Pommel	Customer
N72206	Seahorse Plus Potty	Customer
N72395	Seahorse Plus Small Footrests (pair) including foot-straps	Customer
N72401	Seahorse Plus Medium / Large Footrests (pair) including foot-straps	Customer
N72218	Seahorse Plus Foot-strap set (x4)	Customer
M99369	Seahorse Plus Castor (each)	Technician
N72231	Seahorse Plus Small Gas Strut & Cable Assembly	Technician
N72917	Seahorse Plus Medium / Large Gas Strut & Cable Assembly	Technician
N72243	Seahorse Plus Height adjust and Footrest E-Clip Set	Customer
N72371	Seahorse Plus Hand-wheel & Headrest T-nut set	Customer
N72383	Seahorse Plus Fastener set (screws, washers, clips)	Varies on part
N72802	Seahorse Plus Small Lap-strap	Customer
N72814	Seahorse Plus Medium Lap-strap	Customer
N72826	Seahorse Plus Large Lap-strap	Customer
N73211	Seahorse Plus Armrests (Pair)	Customer

9 Seahorse Plus Dimensions



Feature	Ref	Small Seahorse Plus N72012				Medium Seahorse Plus N72024				Large Seahorse Plus N72036			
		Thick Liner Size1	Thin Liner Size2	No Liner	Thick Liner Size3	Thin Liner Size4	No Liner	ExThick Liner Size7	Thick Liner Size5	Thin Liner Size6	No Liner	Thick Liner Size5	Thin Liner Size6
Seat Depth	SD	327mm	12 1/4"	374mm	14 1/4"	425mm	16 1/4"	455mm	18"	455mm	18"	455mm	18"
Rear Width of Seat	SWR	258mm	10"	332mm	13"	303mm	12"	375mm	14 1/4"	411mm	16"	447mm	17 1/2"
Front Width of Seat	SWF	294mm	11 1/2"	365mm	14 1/4"	333mm	14"	420mm	16 1/2"	460mm	18"	500mm	19 3/4"
Height of Back	BH	391mm	15 1/2"	414mm	16 1/2"	490mm	19 1/4"	549mm	21 1/2"	549mm	21 1/2"	549mm	21 1/2"
Min Headrest height	HH	456mm	18"	475mm	18 3/4"	562mm	22"	620mm	24 1/2"	620mm	24 1/2"	620mm	24 1/2"
Max Headrest height	HH	631mm	25"	650mm	25 1/2"	737mm	29"	795mm	31 1/2"	795mm	31 1/2"	795mm	31 1/2"
Min height of Seat	SH	540mm	21 1/2"	521mm	20 3/4"	521mm	20 3/4"	521mm	20 3/4"	521mm	20 3/4"	521mm	20 3/4"
Max height of Seat	SH	648mm	25 1/2"	629mm	24 3/4"	625mm	24 1/2"	629mm	24 3/4"	629mm	24 3/4"	629mm	24 3/4"
Min height of Footrests	FH	275mm	10 3/4"	255mm	10"	325mm	12 3/4"	325mm	12 3/4"	325mm	12 3/4"	325mm	12 3/4"
Max height of Footrests	FH	375mm	14 3/4"	355mm	14"	425mm	16 3/4"	450mm	17 3/4"	450mm	17 3/4"	450mm	17 3/4"
Total width	OW	532mm	21"	532mm	21"	586mm	23"	692mm	27"	692mm	27"	692mm	27"
Total depth (upright)	OD	807mm	31 3/4"	807mm	31 3/4"	860mm	33 3/4"	877mm	34 1/2"	877mm	34 1/2"	877mm	34 1/2"
Max turning circle (tilted)	TC	1209mm	47 1/2"	1209mm	47 1/2"	1413mm	55 3/4"	1488mm	58 1/2"	1488mm	58 1/2"	1488mm	58 1/2"
Min height over toilet	TH	461mm	18"	461mm	18"	442mm	17 1/2"	442mm	17 1/2"	442mm	17 1/2"	442mm	17 1/2"
Max height over toilet	TH	569mm	22 3/4"	569mm	22 3/4"	551mm	21 3/4"	550mm	21 3/4"	550mm	21 3/4"	550mm	21 3/4"
Min height over toilet	TW	426mm	16 3/4"	426mm	16 3/4"	478mm	18 3/4"	592mm	23 3/4"	592mm	23 3/4"	592mm	23 3/4"
Armrest to Seat	AH	179mm	7"	199mm	8"	214mm	8 1/2"	214mm	8 1/2"	214mm	8 1/2"	214mm	8 1/2"
Seat angle	SA	0°-40°	0°-40°	0°-40°	0°-40°	0°-40°	0°-40°	0°-40°	0°-40°	0°-40°	0°-40°	0°-40°	0°-40°
Max User Weight		64kg	10st	64kg	10st	102kg	16st	152kg	24st	152kg	24st	152kg	24st
Weight (incl. liners)		21kg	46.3lbs	20.2kg	44.5lbs	26.1kg	57.5lbs	29.0kg	63.9lbs	28.3kg	62.4lbs	27.7kg	61.1lbs
				18.7kg	41.2lbs	24.7kg	54.5lbs	49.2lbs				24.8kg	54.7lbs



10 General Information

Manufacturer:

NRS Healthcare

Sherwood House, Cartwright Way, Forest Business Park

Bardon Hill, Coalville, Leicestershire, LE67 1UB

+44 (0)1530 232 292

www.nrshealthcare.com (Corporate Website)

www.nrshealthcare.co.uk (Customer Website)

Product Standards

BS EN 12182: 2012 (Assistive products for persons with disability. General requirements and test methods)

BS EN ISO 14971:2012 (Application of risk management to medical devices)



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