CareFlex

MultiAdjust® Advance User Guide UI

The CareFlex MultiAdjust® Advance is an adaptable chair with an articulating headrest designed for individuals who require a combination of comfort, function, medium postural support, and pressure care. Due to its adjustability and range of accessories, this chair can be used in multi-user environments or for individual users.

The MultiAdjust® Advance is a practical seating solution for young adults upwards with the following conditions and postural challenges:

- Semi-ambulant and non ambulant
- Frail and elderly
- Neurological conditions (e.g. multiple sclerosis, muscular dystrophy, motor neurone disease)
- Cardiovascular conditions
- Orthopaedic conditions
- Increased thoracic kyphosis and other thoracic postural challenges



And suitable for the following environments:

- Nursing and residential homes
- Hospital wards
- Hospices and respite care
- Domestic and home care

WARNING
A level of supervision appropriate to the user's abilities should be applied at all times.

CE UKCA

Class 1
Medical Device

Index

Section	Contents	Page
	Introduction to the MultiAdjust® Advance	3
	Technical Information	4-5
1	Brakes	6
2	Tilt-in-Space	6-7
3	Back Angle Recline	8
4	Seat Depth	8
5	Seat Width	9
6	Arm Rest Height & Removal	9
7	Leg Rest Elevation	10
8	Leg Rest Angle Setting	10
9	Articulating Head Section	11
10	Headrests (Accessory)	11
11	Back Support Options	12
11a	Flat Back (Option)	12
11b	Waterfall Back (Option)	12
11c	Contoured Back (Option)	13-14
12	Height & Angle Adjustable Footplate	15
13-15	Positioning Aids (Accessory)	16
16	Tray (Accessory)	17
17	Pommel (Accessory)	18
18	Laterals (Accessory)	19-20
19	Motorised Versions	21
	Care & Maintenance	22
	Identification & Safety	23

The MultiAdjust® Advance Chair

Most adjustments on the MultiAdjust® Advance can be made quickly and easily using no tools.
When set up correctly the MultiAdjust® Advance should:

- Support the user in a comfortable position.
- Promote the user's functional ability.
- Provide appropriate postural stability and pressure management.
- Enable smooth and precise operation of the Tilt-in-Space, Back Angle Recline and Leg Rest Elevation features.

For the MultiAdjust® Advance to perform effectively it is essential that an assessment has taken place and that the chair has been set-up for the user based on the outcomes of the assessment.

STANDARD FEATURES

- Articulating Head Section
- Head Section Support Option (Flat or Waterfall)
- Back Support Option (Reflexion® Foam Flat Back, Waterfall or Contoured)
- Tilt-in-Space
- Back Angle Recline
- Elevating Leg Rest
- Flip Up & Angle Adjustable Footplate
- Integral Seat Depth Adjustment
- Integral Seat Width Adjustment
- Integral Arm Height Adjustment
- Removable Arm Rest Option (Standard or Transfer-Assist)
- Watercell Technology® Seat Cushion
- Four Braked Castors
- Choice of Upholstery Colour

ADJUSTMENT CONTROL OPTIONS

- Manual
- Pro-Control (Leg Rest and Tilt-in-Space Only)
- Fully Motorised

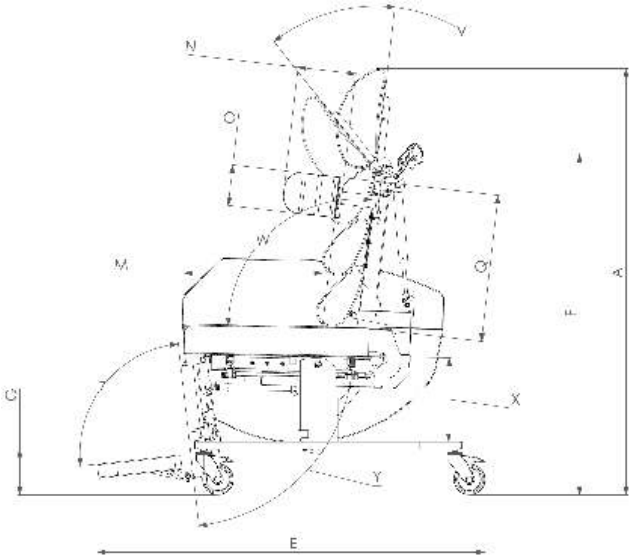
OPTIONAL EXTRAS

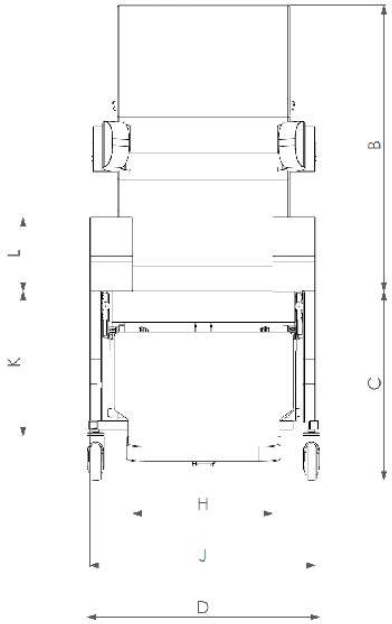
- Tilt-in-Space Inclinometer
- Laterals
- Pommel
- Tray
- Positioning Aids

PRESSURE MANAGEMENT

- The MultiAdjust® Advance incorporates CareFlex's WaterCell Technology® in the seat, in combination with a composite visco elastic memory foam and high elastic foam cushion.
- The memory foam allows the seat cushion to conform to the user's body shape, distributing their weight over as large a surface area as possible.
- The high elastic foam prevents the memory foam bottoming out and makes the cushion responsive to user movement.
- The WaterCell Technology® moves with the user to ensure that the that support remains dynamic and the cushion remains in contact with the user as they alter their weight distribution.

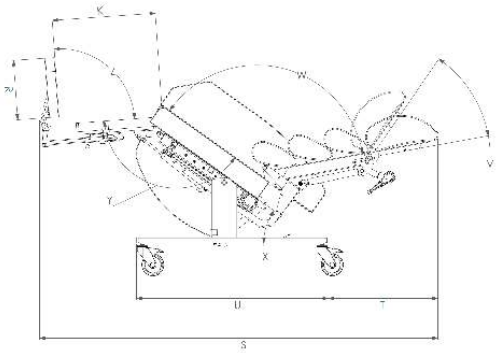
Technical Information





Technical Information

M Chair



Adjustments	
H: Seat Width (inner)	400 mm (16″) to 550 mm (21″) (150 mm range – 2 cushion sizes)
J: Max Width (outer)	790 mm (31″)
K: Seat to Footplate Height	350 mm (14″) to 500 mm (20″) (150 mm range)
L: Arm Rest Height	200 mm (8″) to 250 mm (10″) (50 mm range)
M: Seat Depth	380 mm (15″) to 550 mm (21″) (170 mm range)
N: Lateral Pad Depth	Small: 160mm (4.5″) Medium: 190mm (7.5″)
O: Lateral Pad Height	130mm (5″)
P: Narrow Lateral Width	230 mm (9″) to 370 mm (15″) (140 mm range)
P: Regular Lateral Width	335 mm (13″) to 475 mm (19″) (140 mm range)
P: Wide Lateral Width	440 mm (17″) to 580 mm (23″) (140 mm range)
Q: Lateral Height	320 mm (12″) to 520 mm (20″) (200 mm range)
R: Footplate Depth	270mm (10.5″)
S: Maximum Extended Chair Length	1660mm (65″)
T: Tilt-in-Space (TiS) Clearance	500mm (20″)
U: Base Frame Length	870mm (34″)
V: Head Section Articulation	4 Positions 90° | 75° | 60° | 45°
W: Back Angle Recline (B.A.R)	95° to 135° (40° range) (Manual & Motorised)

Adjustments	
X: Tilt-in-Space (TiS)	Factory Setting: 0° to 35° (35° range) (Manual & Motorised)
	Optional Setting: -5° to 30° (35° range) (Manual & Motorised)
Y: Leg Rest Angle	Factory Setting: 65° to 135° (70° range) (Manual & Motorised)
	Optional Setting: 80° to 150° (70° range - Manual)
	Optional Setting: 80° to 157° (77° range - Motorised)

Basic Dimensions	
A: Overall Height	1350 mm (53″)
B: Back Height	830 mm (32″)
C: Seat Height	540 mm (21″)
D: Castor Frame Width	675 mm (26″)
E: Overall Length (inc Footplate)	1285 mm (50″)
F: Push Bar Height	1125 mm (44″)
G: Clearance Height	145 mm (6″)
Maximum User Weight	160kg
Chair Weight	70kg (Manual) 73kg (Motorised)

1. Brakes

- To locate the brakes, push the chair forward so that the rear and front castors swing around and the brakes can easily be accessed.
- Use the foot to press down on the end of the blue brake lever to lock the castors.
- Gently knock upwards on the top of the blue brake lever to unlock the castors.
- Always brake the castors before transferring the user on or off the chair.



Apply the brakes by pressing down the ends of the blue levers on all four castors.

2. Tilt-in-Space*

Manual Format:
Tilt-in-Space is controlled with the lever on the right-hand side of the push handle at the back of the chair:

- To adjust the angle of tilt, squeeze the lever (A) and tilt the chair to the desired angle. Release the lever to lock the chair at the desired angle.
- Do not attempt to raise the user to a standing position when the chair is tilted backwards.



The lever on the right side of the push handle operates the Tilt-in-Space.

Motorised Format:
On motorised chairs, the second row of buttons on the handset controls the Tilt-in-Space angle adjustment.

- Tilt-in-Space should always be prescribed responsibly, ensuring that it is safe and appropriate for the user.



Motorised remote
(A pro-control remote differs to this).

*See disclaimers on page 22

2a. Tilt-in-Space - Use & Inclinometer (Optional)

- Tilt-in-Space (TiS) function tilts the whole system – the seat to back angle remains the same. It promotes pelvic stability and manages energy levels. It can also encourage pressure redistribution.
- The optional informative inclinometer (A) will aid seating prescription and safe use.



The optional Tilt-in-Space (TiS) Inclinometer.

2b. Tilt-in-Space - Angle Setting

To adjust the setting of the Tilt-in-Space angle, loosen and remove the nut and bolt located underneath the chair on the central bar and move to the desired hole (position C is selected in the image).

Manual Chair

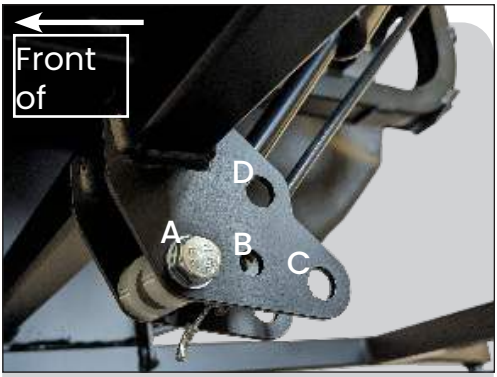
A=Standard Factory Setting 1: 0° to 35°

B=Optional Setting 2: -5° to 30°

Motorised Chair

C=Standard Factory Setting 1: 0° to 35°

D=Optional Setting 2: -5° to 30°



Located underneath the chair at the bottom of the gas strut.

- **It is recommend that the Tilt-in-Space angle setting is only changed to the optional setting on the recommendation of a Health & Social Care Professional.**

3. Back Angle Recline*

Back Angle Recline (BAR) can be used to adjust the angle between the seat and back, thus changing the angle of the user's hips. When the back is fully upright, the user's hip angles will be approximately 95°; a comfortable position for mealtimes, activities and for preparing to raise to standing. The back angle can be reclined to 135°; this promotes a comfortable position for resting.

- It is controlled with the left hand lever on the push handle at the back of the chair.
- To adjust the angle of recline, grip the handlebar firmly. With the left hand, use the index finger to locate the small locking lever which is fitted in front of the main lever.
- Once the locking lever has been activated, the main lever can then be squeezed to adjust the back angle.
- Release the lever to lock the chair at the desired angle.
- **It is recommend that Back Angle Recline is only used within the ranges recommended by a Health & Social Care Professional.**

Motorised Format:
On motorised chairs, the third row of buttons on the handset controls the Back Angle Recline adjustment.



The lever on the left side of the push handle operates Back Angle Recline.

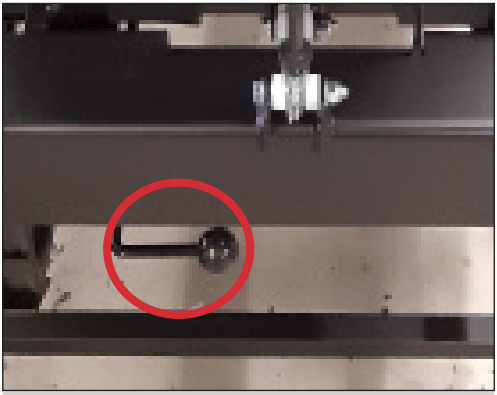


Motorised Back Angle Recline
(A pro-control remote differs to this).

4. Seat

Appropriate seat depth is critical to the performance of the chair and the user's postural stability. When set correctly, the user's pelvis should be positioned at the back of the chair with an approximately two-finger gap between the back of the knee and the front of the seat cushion. To adjust seat depth:

- Locate the lever at the back and left-hand side under the chair.
- Twist lever down and pull/push handle on right hand side until seat depth is in desired position.
- Release the lever and pull the handle until the seat "clicks" positively into position.
- **Never adjust the seat depth when the user is in the chair.**



The seat depth release lever is twisted down to release the locking mechanism.

5. Seat Width

Correct seat width is important for the user's lateral stability. To adjust seat width, each arm rest can be moved in or out:

- Locate the two hand wheels; one is located at the front of the seat base and one at the rear.
- Turn in clockwise direction to loosen.
- To reduce seat width, move the arm rests inwards to the centre of the chair by placing the palm of the hand on the outside face of the arm rest and push.
- To increase seat width, move the arm rests outwards by placing the palm of the hand on the inside face of the arm rest and push.
- Once the desired seat width is achieved, turn the hand wheels in anti-clockwise direction to lock the arm rests in position.
- Arm rests can be set at different seat widths from front to back and left to right, which may be indicated for users with fixed lower limb postures such as wind-sweeping, or those with increased body mass in the gluteal and hip areas.



The MultiAdjust® Advance has a width size guide on each arm to assist with adjustments.

6. Arm Rest Height & Removal

- To adjust arm rest height, locate the two plunger pins located on the inside of the arm rest; one towards the front and one towards the rear.
- With a plunger pin in each hand pull out.
- Slide the arm up or down, to adjust to the desired height.
- Release the plunger pins to lock into position.
- Arm rest height can be set differently from front to back resulting in angled arm rests, which may be indicated for users with specific upper limb positioning requirements.

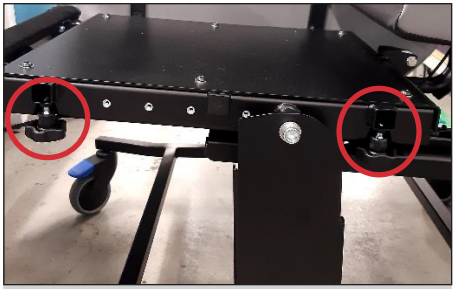
Arm rest height should be based on the outcome of the user's assessment; please refer to these measurements or seek further guidance from the Health & Social Care Professional.

The arm rests can be removed to aid user transfers, positioning, cleaning and servicing:

- Locate the two hand wheels; one is located at the front of the seat base and one at the rear.
- Turn in clockwise direction to loosen.
- The arm rest can then be removed completely.



Plunger pins located on the inside of the arm rest.



Location of the hand wheels underneath the seat base for seat width and arm rest removal.

7. Leg Rest Elevation

The leg rest can be elevated to promote comfort during periods of rest, or to achieve a change of position:

- Locate lever at the right-hand side of the leg rest.
- Squeeze the lever then lift or lower the leg rest to the desired angle.
- Release lever to lock the position.
- To lower the leg rest, pull the lever out and the leg rest will return to its lowered position; it may be necessary to push the leg rest down.

Never leave the user unsupervised in the chair with the leg rest elevated.

Leg rest elevation should only be used within the ranges tolerated by the user based on their knee range of movement and should not affect pelvic stability.

Motorised Format:

On the motorised format chair, the leg rest elevation is controlled by the handset. The top row of two buttons control the elevation. The left hand button raises the leg rest, and the right hand button lowers the leg rest.



Locate the lever on the right side of the chair to adjust leg rest elevation.



Motorised remote
(a pro-control remote differs to this).

8. Leg Rest - Angle Setting

Located underneath the chair on the front end of the seat base towards the leg rest. To adjust the setting of the leg rest angle, loosen and remove the nut and bolt then move to the desired hole (position C is selected in the image).

Manual Chair

A=Standard Factory Setting: 65° to 135°

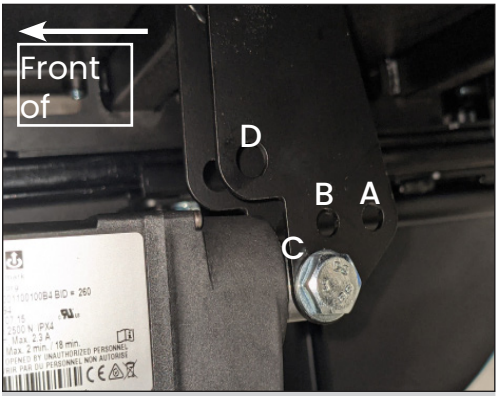
B=Optional Setting: 80° to 150°

Motorised Chair

C=Standard Factory Setting: 65° to 135°

D=Optional Setting: 80° to 157°

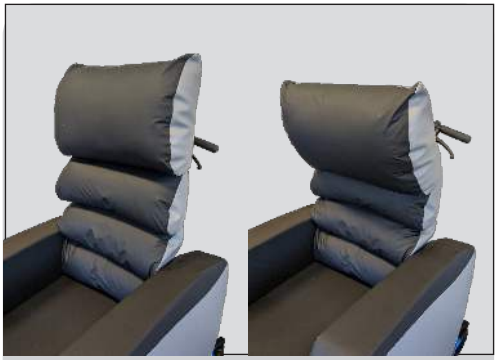
- **It is recommend that the leg rest angle setting is only changed to the optional setting on the recommendation of a Health & Social Care Professional.**



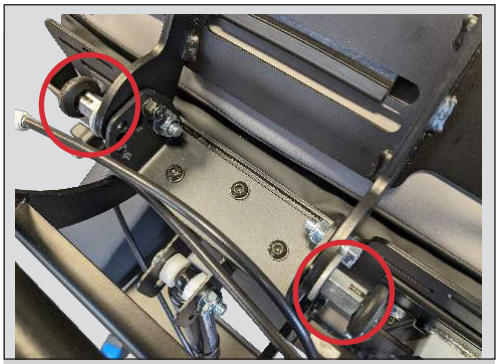
The leg rest angle nut and bolt is located on the front end of the seat base.

9. Articulating Head Section

- The MultiAdjust® Advance comes with a choice of two different head cushions:
  - Flat head cushion
  - Waterfall pillow head cushion
- The head section articulation allows for profiling of the back to accommodate kyphosis and other complex head positioning needs of the user.
- The upper head support cushion element can be articulated from 45° to 90°, with four positions to choose from:
  1. 90°
  2. 75°
  3. 60°
  4. 45°
- To achieve this, locate the two plunger pins (circled right) and pull, then twist both to the unlocked position.
- Hold the head support and move to the angle desired before twisting the plunger pins back to the locked position and pushing the head section gently till there is an audible click to lock in position.
- Always keep a stabilising hand on the top head section when repositioning to the desired angle.



Head section articulation has 4 positions through 45° to 90°.

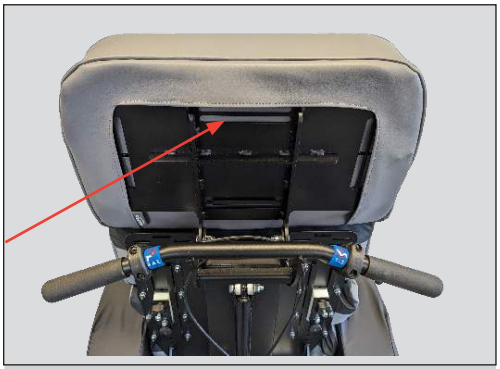


Pull and twist both plunger pins to change angle position.

10. Headrests (Accessory)

The headrest should always support as much of the user's head as possible and the height of the headrest should be set to provide comfortable support.

- Each headrest has a strap attached to its top edge. The straps have short strips of plastic hooks sewn at intervals along its length.
- It can be adjusted up and down via the strap, the plastic hooks simply click onto the slots on the back of the chair.



Loop the headrest strap around to the back of the chair.

11. Choice of Back Support

The MultiAdjust® Advance comes with a choice of three different back types:

Flat Back (Factory Set Option)

- The flat back uses medium density Reflexion® foam for improved support.
- The flat back can be used in conjunction with the optional curved and kidney shaped lateral supports.

Waterfall Back

- The waterfall back can be used in conjunction with the optional curved and kidney shaped lateral supports.
- The waterfall back offers support to the pelvic and sacral, lumbar and thoracic regions.

Contoured Back

- The contoured back cannot be used with the optional lateral supports.
- The contoured back offers fixed lateral support to both sides of the back cushion.

11a. Flat Back

- The Reflexion® foam back can promote improved circulation and reduce the risk of the development of pressure ulcers by reducing interface pressures over critical parts of the body subjected to compression.
- Reflexion® foam reacts to body heat and uniquely moulds around the contours of the user so that body weight is distributed more evenly across the whole surface area to promote comfort and stability.



The flat back is the factory set option for the MultiAdjust® Advance

11b. Waterfall Back (Option)

- The Waterfall back provides improved comfort and pressure care.
- The back cushion elements have removable Dacron filling that can be adjusted where needed.
  1. Find the full-length zip on the rear of each back section.
  2. Unzip to locate the internal Dacron filled pillow.
  3. Add or remove Dacron as required.
  4. Place pillow back into back section and zip up.
- **Adjustments should only be made following guidance from a Health & Social Care Professional.**



Waterfall back filling adjustments can be made by unzipping the rear of each pillow section.

11c. Contoured Back (Option)

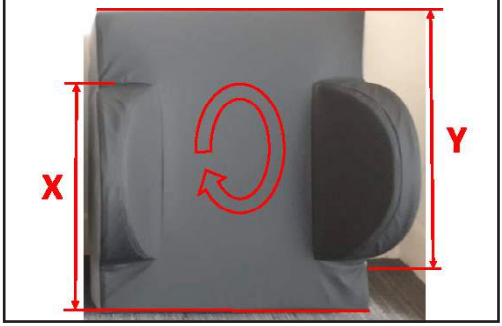
A contoured back option is available, providing lateral support to assist with leaning postures and give additional control during upper trunk movement.

The contoured back consists of a medium-density Reflexion® foam profile with sculpted sides to support the trunk.

The contoured back can be rotated 180° to offer two different height options for the sculpted lateral sides.

The contoured back is available in two widths, 450mm & 500mm.

Height	500mm Contoured Back	450mm Contoured Back
Position 1 (X)	435mm	415mm
Position 2 (Y)	415mm	370mm





A fitted contoured back cushion.



Can be rotated 180° to achieve two different lateral support heights.

11d. Retrofitting the Contoured Back

A contoured back can be fitted to a chair initially ordered with a flat back or as a replacement. The Reflexion® contoured foam back comes complete with a cover.

Fitting instructions:

- To detach the current flat or contoured back from the chair, locate the plastic 'J' strips clipped into the metal fixing slots at the chair's rear and unclip the 'J' strips from the slots.
- Select the correct orientation of the new contoured back by rotating the cushion 180° to select between the two different lateral support height options.
- Reattach the contoured back in the desired orientation back to the chair by clipping the 'J' clips into position, two in the top corners & one centrally at the bottom.
- There are six 'J' clips on the rear of a contoured back cushion, of which three will be attached by fitting into the chair metalwork depending on orientation.

- **Ensure the correct orientation has been selected for the user as per the advice of a Health & Social Care Professional; a comprehensive seating assessment with a contoured back will determine at what height lateral support is indicated at the trunk.**



Location of rear fitting slots.



Contoured back with a selection of J clip locations for fitting, depending on rotation.

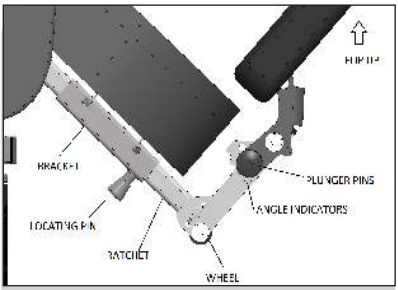
12. Height & Angle Adjustable Flip-up Footplate

A footplate is important for the user's comfort, postural stability and pressure distribution. The MultiAdjust® Advance footplate is also suitable for users with a longer lower leg length. The footplate is fixed into a bracket on the back of the leg rest. To insert and adjust the footplate height:

- Pull out the locating pin on the bracket and insert the footplate.
- Slide the footplate up or down to adjust to the desired height.
- Release the locking pin; the pin should 'click' into position when the footplate is located correctly.
- Note that the footplate stem has a ratchet and wheel safety feature. This ensures that should the footplate come into contact with the floor, it will rise out of the way, maintaining chair stability. The wheel offers some protection to the flooring."
- **The ratchet feature is predominantly for safety; we advise that the footplate height be reduced by hand whenever the leg rest is lowered.**



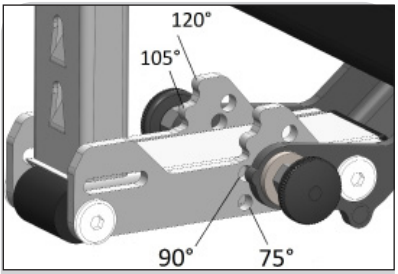
The footplate fits into the bracket on the back of the leg rest.



Parts of the footplate.

The MultiAdjust® Advance footplate angle can be adjusted to correct positioning at the feet to neutral, or accommodate fixed postures at the ankles. To adjust the footplate angle:

- Ensure this operation is carried out by a competent person, and that no weight is being applied to the footplate.
- The position is set by the plunger pins as shown; each indicator offers one of four different positions and 0° is achieved when vertical. Pull out one of the plungers and twist so that it is locked off (see image).
- With one hand safely on the footplate, pull out the second plunger pin so that the footplate can angle to the desired setting.
- When this is achieved, lock both plunger pins into position, fully engaging with the corresponding holes on each side.
- The footplate will 'flip-up' to 0° (vertical) from any position and return to its original setting.
- **Keep fingers away from the mechanism when performing this task to avoid any potential finger traps.**



Locating the plunger pin



The footplate can be adjusted and set to a choice of four positions; 75°, 90°, 105° & 120°. This equates to a 120° range of adjustment. In all angled positions the footplate can be easily lifted up to 0° (vertical) to move it out of the way.

13. Pelvic Belt* (Accessory)

Pelvic belt length is adjusted by the two part buckle and a 'tri-glide' adjuster:

- To fasten buckle 'click' two halves together.
- To release buckle, press tabs on the sides of buckle and pull two halves apart.

A 4-Point Pelvic Belt is also available.

All belts and harnesses (13-15) are intended to be used as positioning aids not for restrictive practice. Please refer to the Disclaimer section at the end of the User Guide.



The two halves of the pelvic belt buckle.

14. Groin Harness*

The groin harness is a positioning aid that can provide maximum pelvic control to help stabilise the position of the pelvis and prevent the user from sliding forward in the chair.

- The harness consists of a padded cross shape and webbing straps. Two points of the padded cross shape are attached at the junction between the seat and back cushions.
- When seated in the chair, the two loose ends of the harness should be pulled up over the users thighs and attached to the straps at the rear of the chair.
- The harness can be adjusted through the webbing straps.



Groin harness to stabilise pelvic position in the back of the seat.

15. Dynamic Chest Harness*

A dynamic chest harness can provide anterior support and comfort whilst not restricting active positioning or function.

- The dynamic chest harness is held in position with a strap from each corner, two straps attach at the users waist and two over their shoulders.
- These straps are attached to the harness with side-lock buckles, the length of the straps can be adjusted through the buckles.
- **Always ensure the harness is positioned correctly and comfortably, not over-tightened and not interfering with in-situ medical devices.**



Dynamic chest harness provides support to the upper trunk.

16. Tray (Accessory)

The MultiAdjust® Advance can be fitted with a tray, which can be used to assist in the user's upper limb positioning and engagement in activities; it should never be used as a restraint.

- Once the user is sat in the chair, rest the tray across the arm rests so that the tray fits snugly against the user but does not press in to their abdomen.
- The buckles on the tray straps connect with the buckles on the inside of the chair sides. Clip the two halves of the buckles together on all four straps.
- Adjust the tension in the tray straps to secure the position of the tray. Then tension can then be adjusted to change the front-to-back position of the tray.
- **Always ensure that the tray does not interfere with any stoma devices, feeding tubes or similar in-situ devices.**

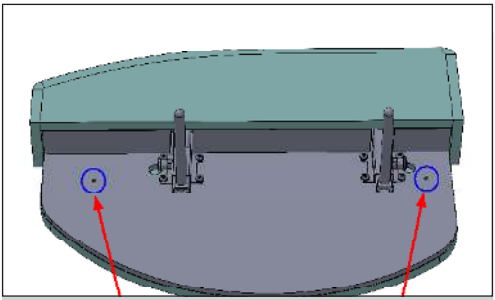


Straps on front and rear of tray fastened into buckles in the inside of the arm rest.

16a. Retrofitting Tray Straps

If a chair is ordered with a tray, both arm rests will come fitted with the appropriate tray attachment straps. Attachment straps will need to be fitted to both arm rests of the chair when a tray is ordered retrospectively.
To attach the straps to each arm rest, please follow the instructions below:

- Remove each arm rest from the chair and lay down with the insides facing up.
- Find two small holes behind the vinyl cover (shown on the diagram circled in blue) with your finger. You will need to pierce through the vinyl into these holes with a small screwdriver to access the fixing hole behind.
- At the end of each strap is a black plastic bracket; using a 4mm hexagon key, secure each one with an M6 screw and washer into each fixing hole in the arm rest.
- With the straps hanging downwards, refit both arm rests to the chair.
- The tray straps can now be clipped into the armrest straps.



Two holes are located as per the blue circles above.



Arm rest fitted with both tray attachment straps.

17. Pommel (Accessory)

A pommel can be used to aid thigh positioning, to promote postural alignment and pressure care. The pommel is designed to separate and support the whole inside of the knee joint; for this reason the pommel is not depth adjustable and is positioned out in front of the seat edge.

- Fit the pommel with the leg rest angled down as this will give the best access to the bracket.
- Locate the cut-out in the bottom front edge of the seat cushion; the opening for the pommel bracket is located in this cut-out.
- Fit the metal stem of the pommel into the bracket and push the pommel until it is felt to 'click' into position.
- To remove the pommel, hold it at the bottom edge of the metal stem and pull directly outwards.
- **A pommel must never be used as a restraint and the user must not be allowed to slide into sacral sitting and come to rest against the pommel.**



Fit the pommel into the bracket in the middle of the bottom edge of the seat.

17a. Retrofitting a Pommel

If a chair is ordered with a pommel, it will be supplied with the bracket already fitted to the chair. If a pommel is ordered retrospectively, a bracket will also need to be ordered. To fit the pommel receiving bracket, please follow the following instructions:

- Remove the seat cushion.
- Locate the fixing holes at the front of the seat base.
- Insert each fixing bolt with one washer from above so that the bolt goes through under the base.
- Place the pommel receiving bracket over the bolt ends and fix it in place using a washer and nut provided. Do this one bolt at a time for ease.
- Ensure the receiving bracket is securely fitted; the pommel can be slotted into the pommel receiving bracket.

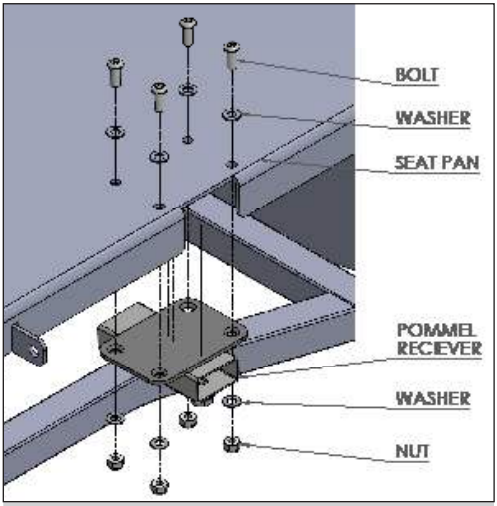
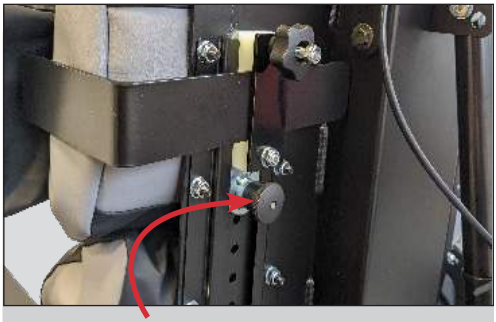


Diagram showing components of the pommel receiving bracket.

18. Laterals (Accessory)

Lateral supports are available in a narrow, regular and wide setting. Lateral supports are usually adjusted so that they are supporting the user's upper trunk; however, this depends on the where support is required based on assessment outcomes.

- Lateral supports should be positioned to support the user in an upright position and limit leaning at the trunk. For comfort leave a three-finger gap between the top of the lateral and the user's armpit.
- Before transferring the user into the MultiAdjust® Advance take a measurement of the height of any lateral support they have fitted to a wheelchair or activity chair. Otherwise, try to measure from seat to mid-chest height as a guide. Position the lateral supports accordingly.
- Similarly, measure the distance between the lateral supports on the user's wheelchair or measure across their chest so that the width between the lateral supports can be set-up before transfer.
- To adjust lateral height, pull out the lower knob on the adjustment block fitted to the back of the chair. This knob controls the indexing pin which locks into the holes in the height adjuster. Raise or lower the lateral pad to the desired height and release the knob. Push the lateral down until the indexing pin is felt to lock in place.
- Width is controlled by the clamp plate on the adjustment block. Turn the hand wheel on the adjustment block until the lateral is free to slide sideways. Once in the desired position tighten the hand wheel to lock the pad in place.
- If the MultiAdjust® Advance is to be used without the adjustable lateral supports undo the hand wheel controlling the width adjustment and slide the laterals completely out of the adjustment blocks. Keep the laterals in a safe place for future use."



Pull out the lower knob to adjust lateral height.



Turn the hand wheel to adjust lateral width, tighten the hand wheel to hold the setting.



Curved and kidney pads available in small and medium.

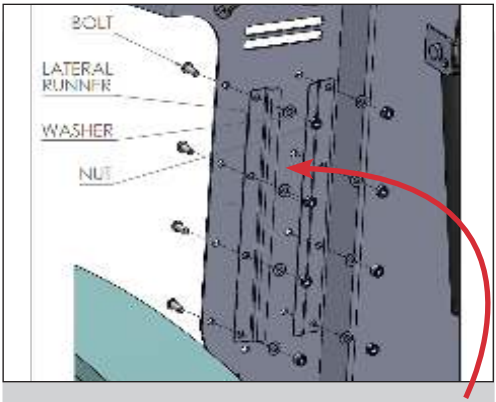
18a. Retrofitting Laterals

If a MultiAdjust® Advance has originally been ordered with laterals, the chair comes fitted with the rear lateral runner brackets. If laterals are ordered retrospectively, lateral runners will need to be fitted. Please follow these steps to fit the lateral runners to the rear of the chair:

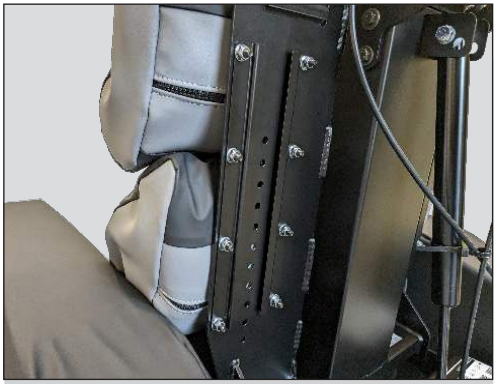
- Remove the flat back cushion (as a general rule, laterals are not designed to be used with the contoured back).
- Locate eight fixing holes in the back plate that run down on each side of the back of the chair.
- Insert the fixing bolts from the front of the chair through the back plate, so the bolt head sits against the back cushion (see diagram right).
- Locate the lateral runner over the ends of the bolts and fix it in place, securing tightly with eight washers and nuts.
- Repeat the process on the other side with the second lateral runner.
- Once the lateral runners are fitted, the lateral height adjusters can be inserted into the runners, and a lateral arm can be mounted and secured into each height adjuster.



Locate eight lateral runner bracket holes on the left and right hand side on the back of the chair.



Push the eight bolts through from the cushion side and secure with washers and nuts at the back.



Correctly fitted lateral runner.

19. Fully Motorised and Pro-Control

The Pro-Control MultiAdjust® Advance uses actuators to adjust the Tilt-in-Space and leg rest elevation. The fully motorised MultiAdjust® Advance uses actuators to adjust the Tilt-in-Space, leg rest elevation and Back Angle Recline. Both systems utilise a 24V DC rechargeable battery system, which must be regularly charged to maintain battery performance.

19a. Battery Charging

When a motorised chair is first delivered and before it is used, charge the batteries for at least twenty four hours to ensure they are at full power. Similarly, if the motors have not been used for a prolonged period, charge the batteries for twenty four hours to bring them up to full power. Establish a regular regime for battery charging. Charging the chair regularly overnight is recommended. The battery unit will sound a warning signal when the battery is nearing its minimum recommended charge level. Charge as soon as is practicable once this signal is heard.

Only chargers supplied by CareFlex should be used to charge CareFlex chairs. Do not use a CareFlex charger to charge other products.

- Fit the jack plug connected to the charger into the socket on the hand control unit of the chair.
- Plug the charger into a 240V AC mains electric supply and switch on the power to the charger. See the notes above for charge times.
- At the end of the charging cycle, switch off the charger and disconnect all leads and plugs.



Fit the charging plug from the charger into the socket on the side of the handset.

DO NOT:

- **Leave the charger connected to the chair with the mains power switched off.**
- **Move the chair when it is connected to the mains.**
- **Charge the batteries when there is a user in the chair.**

If, after charging, the motors do not work, take the chair out of service immediately and contact CareFlex or your local Distributor.

19b. Using a MultiAdjust® Advance with Motorised

A chair with motorised actuation has a hand controller on a coiled flex attached to the control box on the chair. To activate the actuators & adjust the leg rest use the top row of buttons, to tilt the chair use the middle row of buttons and to recline the back use the bottom row of buttons.

Always warn the user of what functions are being utilised so that they do not become agitated or confused.



6-button handset for motorised chairs (a pro-control remote differs to this).

Looking After The MultiAdjust® Advance

Care & Maintenance

- When the chair is delivered and every time it is used, check the chair over for signs of damage or excessive wear.
- If the chair shows signs of excessive wear, damage or incorrect performance, please take it out of service immediately and contact CareFlex or the local CareFlex Distributor.
- If the user is experiencing severe discomfort, do not use the chair. Take it out of service immediately and contact CareFlex or the local CareFlex Distributor.
- The MultiAdjust® Advance is upholstered in high quality material which is waterproof and fire retardant. However, do not store or use the chair in damp or wet areas.
- Do not attempt to carry out any structural maintenance or adjustment of the MultiAdjust® Advance or its accessories without consulting CareFlex or the local CareFlex Distributor.

Fabric cover material care and maintenance details are in the Fabric Cleaning Guide & Simply Colours Fabric Guide. Both are available in hard copy on request from CareFlex or downloaded from our website: www.careflex.co.uk.

Look after the MultiAdjust® Advance, which will provide years of trouble-free service.

Identification & Safety

CareFlex Chair Number:

Each MultiAdjust® Advance chair has a unique chair number which must be quoted during any correspondence with CareFlex or the local CareFlex Distributor. This is on a white label on the back of the chair.



Important Safety Information

- All those using, providing, setting-up or adjusting the MultiAdjust® Advance chair should take the time to familiarise themselves with all aspects of the chair, including its functions and accessories, before using the chair.
- Do not 'ride' on the push handles or subject them to excessive loads.
- Do not sit on the leg rest or subject it to excessive loads.
- Do not attempt to stand on the footplate.
- Do not tip the chair backwards to ascend steps or overcome thresholds, especially if a user is sat in the chair.
- Always ensure that the user's feet do not drag on the ground when the chair is moved by elevating the leg rest to lift their feet off the floor or using the footplate.
- Always ensure that there are no obstructions under the chair and that there is plenty of space around the chair before using the Tilt-in-Space facility.
- Always apply at least two brakes when the user is transferred to or from the chair.
- Always try to avoid storing or using the chair in areas where it may obstruct exits or passageways.
- The MultiAdjust® Advance must never be used in motor vehicles for user transportation.
- Do not charge the chair's batteries when a user is sat in the chair (motorised version only).
- Do not move the chair if the charging lead is connected between the chair and mains power supply (motorised version only).

*Disclaimers

Tilt-in-Space and Back Angle Recline should always be prescribed responsibly, ensuring that they are safe and appropriate for the user following a comprehensive assessment of posture and risk, with advice sought from the multi-disciplinary team where indicated. In some cases these functions will be contra-indicated, and they could also increase shear and friction forces.

All belts and harnesses (positioning aids) must be prescribed, implemented, and monitored responsibly following a comprehensive risk assessment. Please see the following for further information:

- Medicines and Healthcare Regulatory Agency (MHRA) (2015) MDA/2015/018 All posture or safety belts fitted to supportive seating, wheelchairs, hoists and bathroom equipment London: MHRA
- British Standard (BS) (2019) 8625:2019 Selection, placement and fixation of flexible postural support devices in seating London: BSI

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Watch the MultiAdjust®
How To Video Playlist
on YouTube

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