

# Rifton Activity Chair

R840, R850, R860 & R870 Product Manual



Standard Base



Hi/Lo Base



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## Key for EU users

Use this key to determine which sections of this Product Manual apply to you.



**Technical users** For professionals who order and set up Rifton products.



**Home users** For care-givers who use Rifton products on a regular basis.



**Maintenance personnel** For anyone who is responsible for service or re-ordering of Rifton products and parts.

## Check your order

Your Rifton chair has been shipped according to your specifications. It will require some tool-free assembly. Follow these instructions to insure that your chair is put together and used correctly. This product manual is comprehensive and may discuss features not included in your chair.

**If your shipment is incomplete or in any way damaged on arrival, please call Customer Service, 800.571.8198.**

## **WARNINGS**

- Thoroughly read and understand the information in this guide before attempting to use this product. If the procedures and instructions in this guide are not followed, serious injury could occur.
- A qualified professional must assess the appropriateness and safety of all equipment for each user.
- Correct use of this product requires the prior approval and ongoing guidance of a qualified therapist or physician.
- This product is intended for use by children of immature judgment. Adult supervision is required at all times.
- Do not use this product on rough and uneven terrain, around swimming pools, or near stairways.
- All mobility equipment may become unstable when used improperly.
- Straps and supports are provided for the safety of the user and must be carefully adjusted for comfort and security. The use of straps and supports must be supervised at all times.
- Restraints – Using straps, trays or supports to restrict a child’s movement is considered behavioral restraint, which may raise ethical and legal issues for your facility. Rifton Equipment is not intended for this use.
- Butterfly harness, chest straps, and tray are not intended to hold user in chair. ALWAYS use seatbelt or pelvic harness when tray is in use.
- To avoid pinch points on chairs with the spring option, keep hands above the seat when the spring is in use.
- Keep children away from under the seat of the chair; there are parts that move when the seat height or seat angle are adjusted.


## **IMPORTANT**

- Please save this Product manual. Additional copies are available at [www.rifton.com](http://www.rifton.com)
- Please refer to the Rifton product catalog for our full warranty, or visit [www.rifton.com](http://www.rifton.com)


## Recommended use

The Rifton Activity Chair is intended to provide comfortable seating with adjustable support for children and adolescents with disabilities in the classroom or at home. The chair allows for growth, multiple users, and is available with various accessories that are easily removable as the client gains independence.

## Medium user and item dimensions

User dimensions – inches (cm)	R840 Standard base	R850 Hi/Lo base
Height	40–56 (102–142)	40–56 (102–142)
 <p><b>Key user dimension: height</b> The user's overall height is a general guide to help you select the appropriate chair. Choose the model that allows for growth.</p> <p><b>Important:</b> Make sure that seat width, depth, and height are adequate for each individual user, and that the user's weight does not exceed the maximum weight recommended.</p>		
Item dimensions – inches (cm)	R840 medium Standard base	R850 medium Hi/Lo base
Frame width	short legs: 23¼ (59)	27½ (70)
	long legs: 24½ (62)	
	short legs w/ wheels: 24½ (62)	
	long legs w/ wheels: 25½ (65)	
Seat height above floor	short legs: 12½–16½ (32–42)	12–23 (30–58)
	long legs: 19–23 (48–58)	
	short legs w/ wheels: 16–20 (41–51)	
	long legs w/ wheels: 19–23 (48–58)	
Seat angle (tilt-in-space) - degrees	15° forward, 15° back	15° forward, 25° back
Backrest angle - degrees	5° forward, 20° back	5° forward, 20° back
Seat height above footboard	12–16½ (30–41)	12–16½ (30–41)
Seat width with hip guides (without hip guides)	8½–11½ (22–29)	8½–11½ (22–29)
	14 (36)	14 (36)
Seat depth	11–16 (28–41)	11–16 (28–41)
Armrest height above seat	7–10½ (18–27)	7–10½ (18–27)
Trunk support width	6½–12 (17–30)	6½–12 (17–30)
Backrest height	15½–19 (39–48)	15½–19 (39–48)
Headrest height above seat	17½–24½ (44–62)	17½–24½ (44–62)
Max. working load – lbs. (kg)	150 (68)	150 (68)

## Large user and item dimensions

User dimensions – inches (cm)	R860 Standard base	R870 Hi/Lo base
Height	50–74 (127–188)	50–74 (127–188)
 <p><b>Key user dimension: height</b> The user's overall height is a general guide to help you select the appropriate chair. Choose the model that allows for growth.</p> <p><b>Important:</b> Make sure that seat width, depth, and height are adequate for each individual user, and that the user's weight does not exceed the maximum weight recommended.</p>		
	Item dimensions – inches (cm)	R860 large Standard base
Frame width	short legs: 26¼ (66)	29¾ (75)
	long legs: 26¼ (66)	
	short legs w/ wheels: 27¾ (71)	
	long legs w/ wheels: 27¾ (71)	
Seat height above floor	short legs: 16½–20½ (42–52)	16–24 (41–61)
	long legs: 20–24 (51–61)	
	short legs w/ wheels: 16½–20½ (42–52)	
	long legs w/ wheels: 20–24 (51–61)	
Seat angle (tilt-in-space) - degrees	15° forward, 15° back	15° forward, 25° back
Backrest angle - degrees	5° forward, 20° back	5° forward, 20° back
Seat height above footboard	15–20 (38–51)	15–20 (38–51)
Seat width with hip guides	11–14 (28–36)	11–14 (28–36)
(without hip guides)	17 (43)	17 (43)
Seat depth	15–20 (38–51)	15–20 (38–51)
Armrest height above seat	7–10½ (18–27)	7–10½ (18–27)
Trunk support width	9½–14 (24–36)	9½–14 (24–36)
Backrest height	19–24 (48–61)	19–24 (48–61)
Headrest height above seat	19½–29½ (50–75)	19½–29½ (50–75)
Max. working load – lbs. (kg)	225 (102)	225 (102)

# Basic chair components

A *Quick Reference Guide* for your chair is located behind the backrest pad.

**Note:** Every white lever and button indicates a point of adjustment.

## Backrest

**Backrest angle and height adjust with one-hand levers.**

To adjust backrest angle, squeeze white backrest angle lever and move backrest forward or backward to desired angle, then release lever (see Figure 8a).

To adjust backrest height, depress backrest height lever to raise or lower backrest to desired position, then release lever. Click backrest into position (see Figure 8a).

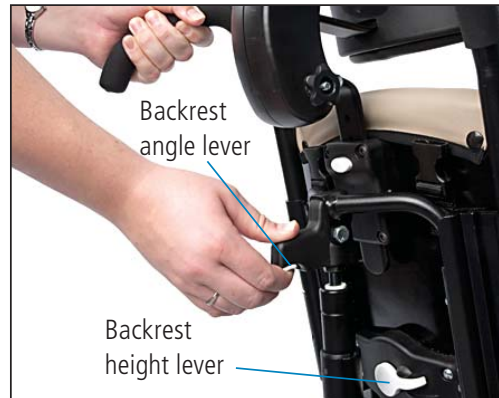


Figure 8a

## Pads

**Backrest and seat pads are snapped into position.**

Backrest pad has a cloth tag marked Rifton (see Figure 8b) and is snapped onto studs (A) located behind top and bottom edge of backrest (see Figure 8c).

Seat pad has no tag and is snapped onto studs (B) located under front and back edge of seat.

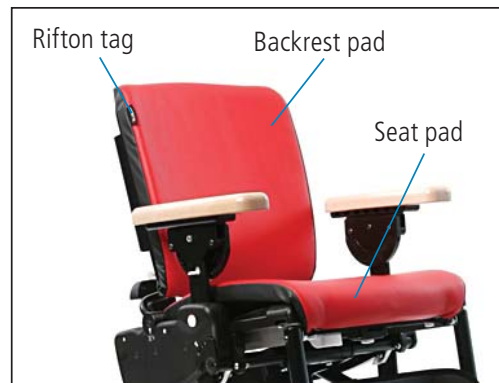


Figure 8b

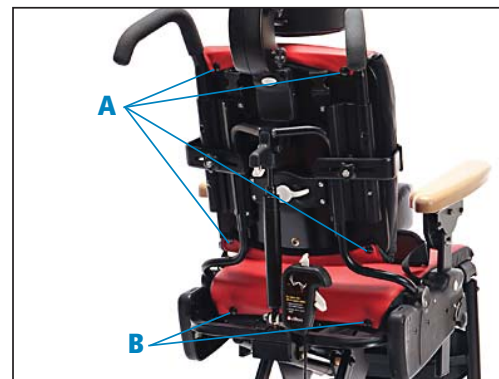


Figure 8c



## Seatbelt

To attach seatbelt, use pen to depress small white button (C) just below one of the slots (B) at either side of seat. While keeping button depressed, insert L-shaped metal clip (A) at end of seatbelt strap into slot with back of L-shape towards front of seat. Press clip firmly into slot and release button, making sure clip locks into place and holds when pulled. Repeat on other side of seat.

To remove seatbelt, use pen to depress small white button (C) just below clip slot on side of seat, and pull belt upwards to disengage clip. Repeat on other side of seat (see Figure 9a).

**Note:** Seatbelt can be clipped into either set of small slots at sides of chair.

### **⚠ WARNING**

ALWAYS use a seatbelt or pelvic harness. Absence of a seatbelt or pelvic harness may result in falls and may pose a strangulation hazard to user when a chest strap, butterfly harness or tray is in use.



Figure 9a

## Arm supports

**A pair of arm supports, either armrests or forearm prompts, were selected with purchase of chair.**

Both types of arm supports come in left and right pairs and insert into large slots at either side of seat.

Both types of arm supports can be removed for side transfers.

To insert arm support and to adjust its height, depress white button (A) just below arm support slot at side of seat, insert arm support, move it up or down to required height, release button and make sure support clicks into place (see Figure 10a).

To remove arm support, depress white button just below arm support slot at side of seat and pull upwards on arm support.

**Armrests can be set at a wide range of angles to backrest and seat.**

**Note:** Cut outs on wooden armrests should be toward back of chair.

To set angle of wooden armrest, lift white tab (B) below outer edge of armrest (see Figure 10a) and rotate armrest to desired angle. Release tab and make sure armrest clicks into place.



Figure 10a (Armrests)

## Arm supports continued. . .

Forearm prompts adjust fully to facilitate trunk and head control while sitting. Forearm prompt pads, clamps and posts are identical to arm prompts used on Rifton Pacer and Advancement Chair.

Forearm prompts are attached using a clamp and post system (see Figure 11b). The clamp attaches with a screw knob (F) to any position on the bar (G) (see Figure 11a).

The post fits into the clamp and provides up/down and rotational adjustment.

Forearm prompt can be mounted to the post in several positions and slid or rotated to achieve the best position for the user. Loosen the single knob (A) underneath to make adjustments (see Figure 11b).

Adjust the forearm prompts to the best position for user's comfort and function. Slide or rotate the handgrip (see Figure 11b), by loosening then tightening knob (C) on the side. Adjust straps (D) and (E) (see Figure 11a) and secure with hook and loop fasteners (E) (hooks away from the user's arm).



Figure 11a (Forearm prompts)

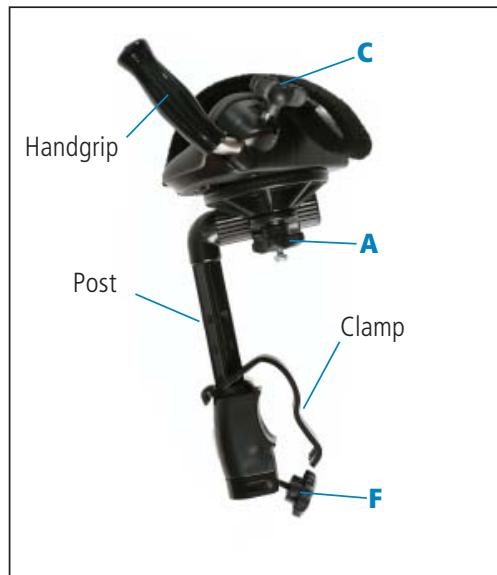


Figure 11b

## Seat depth

To adjust seat depth, pull white handle located below seat (see Figure 12a). Move seat forward or backward to desired position and release handle. Make sure seat clicks into place.



Figure 12a

## Tilt-in-space

**Tilt-in-space moves entire seat and backrest from a rest position to active sitting and vice versa.**

To adjust tilt-in-space angle, place one hand on push handle or top of backrest and with other hand simultaneously squeeze tilt lever and safety lock (see Figure 12b). Push forward or pull backward on push handle or backrest until desired angle is reached, then release levers to lock seat and backrest into desired position.

Use angle indicator (see Figure 12c) on side of chair for consistent positioning.



Figure 12b

### **WARNING**

Keep hands and limbs away from moving parts when adjusting chair.



Figure 12c

## Back and seat springs

Spring option allows for user-initiated movement and allows chair to “bounce.”

The Standard base with spring option has spring in backrest and seat (see Figure 13c).

The Hi/Lo base with spring option has spring in backrest only.

There are two locked (non-dynamic) positions on the backrest gas spring. When locked, each position provides 15° of angle adjustment using the backrest angle lever. The seat spring also has two locked, (non-dynamic) positions, each providing 15° of adjustment using the tilt-in-space lever.

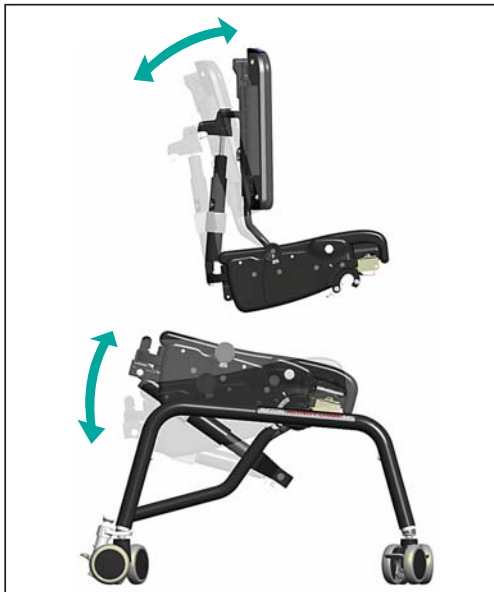


Figure 13c

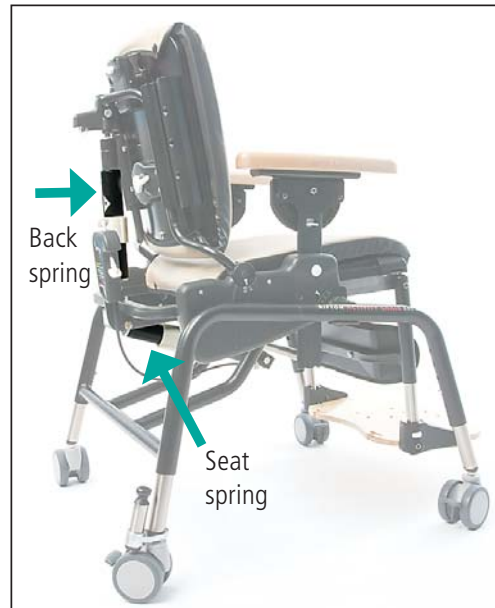


Figure 13a

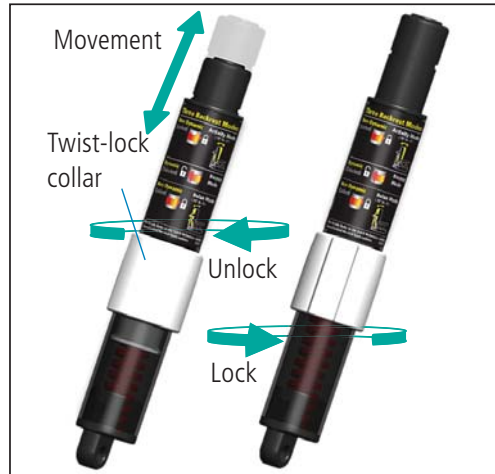


Figure 13b

### Activity mode (-10° to +5°):

To lock the backrest in the upright position for activities, turn the twist-lock collar to the right until it locks. With the angle lever adjust the backrest angle forward or back 15°.

**Note:** When locking the backrest spring option, it may be necessary to move backrest forward or back to enable twist-lock collar to slip into position.

**Note:** Spring option enables about 10° range of movement. Thus, angle adjustment of backrest or seat will be more limited when spring option has been ordered with your chair (see Figure 14b).

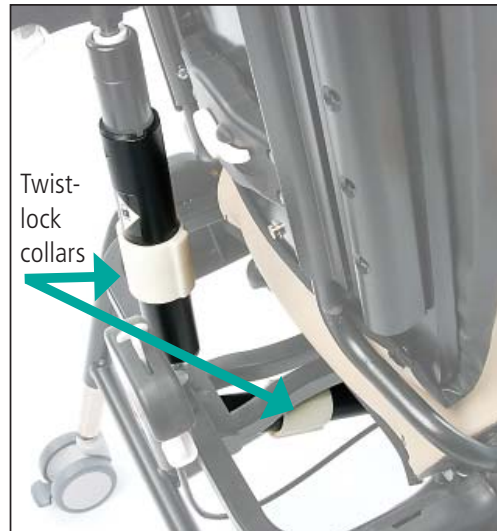


Figure 14a



Figure 14b



Figure 14c

### Relax mode (-20° to -5°):

To position and lock the backrest for reclined resting, unlock the white twist-lock collar. Push down and back on the top of the backrest (not on the headrest) until the groove around the movable gas cylinder almost retracts into the outside cylinder. While still holding the backrest down, turn the white twist-lock collar to the right until it locks. This function is easier to perform with your client in the chair. Once locked, adjust the angle of the backrest forward or back 15° using the angle lever (see Figures 15a and 15b).

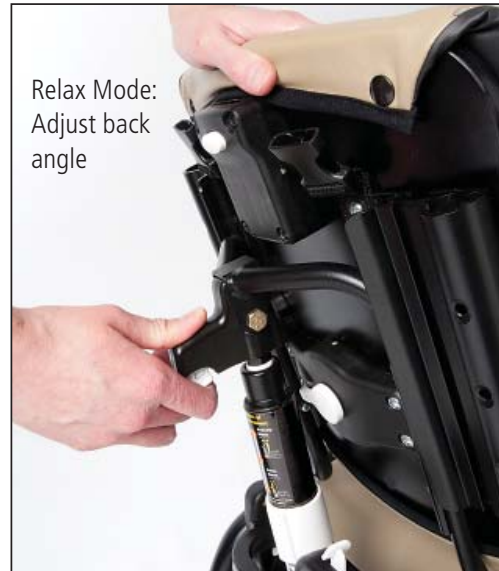


Figure 15a

### Extra seat recline (on standard base models only):

If the seat has a gas spring (located under the seat) it will also have the two locked (non-dynamic) positions allowing an extra 15° of recline from the tilt-in-space. To unlock the seat spring, rotate the twist-lock collar under the seat counter-clockwise. Turn it clock-wise to lock it and then use the tilt-in-space lever to make final adjustments.

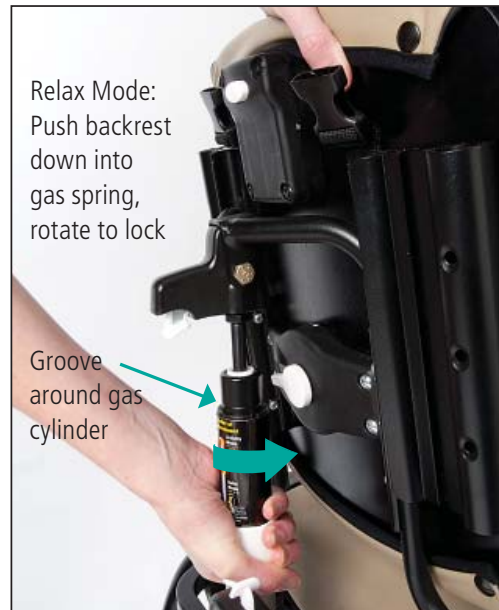


Figure 15b

## Seat quick-connect

Every Rifton Activity Chair seat and backrest unit can be detached from its base and re-attached to any other Rifton Activity Chair base of the same size. Thus, a Rifton Activity Chair Standard base can be converted to a Hi/Lo base and vice versa, simply by ordering the base required.

To detach seat and backrest unit from base, first disconnect footboard angle adjuster, if footboard is present (see Figure 16a). Also lock casters, if casters are present, and remove arm supports from chair.

**Note:** To disconnect footboard angle adjuster, reach beneath seat, depress white tube latch and pull footboard up and away from seat until tubing drops out of housing (see Figure 16a).

With footboard angle adjuster disconnected, casters locked and arm supports removed, find white levers (A) located directly beneath the chair seat (see Figure 16b). Place one hand under front edge of seat and lift upwards while with other hand pulling one of the two levers towards front of chair. Still lifting front edge of seat, pull other lever towards front of chair to completely disengage bottom of seat from crossbar (B) beneath it.

Once front of seat is disengaged, pull entire seat and backrest unit towards front of chair and away from base until seat hoop (C) completely disengages from metal prongs (D) (see Figure 16c).

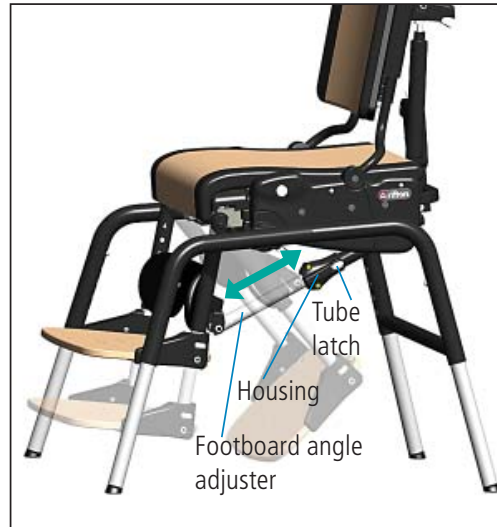


Figure 16a

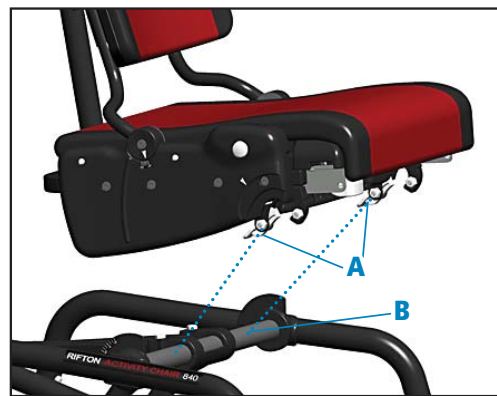


Figure 16b

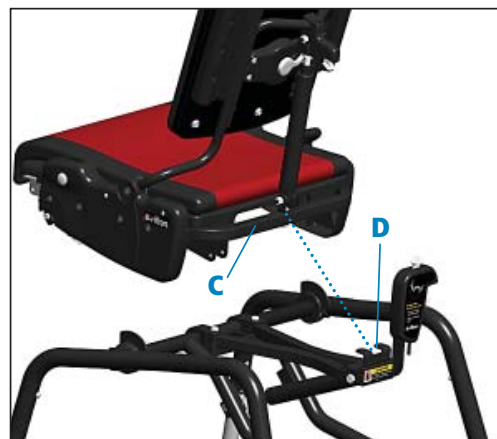


Figure 16c



## Seat quick-connect continued. . .

To attach seat and backrest unit to base, slide seat hoop (C) under prongs (D) on base, centering backrest column between prongs. Then lower seat onto frontbar (B), pushing firmly downwards on front edge until it snaps into place (see Figures 12b and 12c).

Reconnect footboard adjustment tubing to its housing by holding housing and tubing in straight line to one another, depressing tube latch, inserting tubing into housing and making sure it clicks into place at desired setting (see Figure 12a).

**Note:** The process of detaching seat from base and re-attaching it to another base works best when performed with two people, one on either side of chair.

### **WARNING**

Make sure seat is firmly attached, front and back, before use.

## Standard base

### Adjustable legs


A set of four long legs, four short legs, four long legs with casters, or four short legs with casters has been selected with purchase of Standard base. Additional sets of legs may be purchased as an accessory.

To connect leg to chair, depress snap button and insert leg into housing. Release snap button and make sure leg clicks into place (see Figure 18a).

To disconnect leg from chair, depress snap button and pull leg out of housing.

**Note:** When connecting legs with casters, be sure that caster with swivel lock function is inserted into right rear leg of base frame (see Figure 19c).

**Note:** For more information on caster function, see sections entitled “Caster brakes” and “Swivel lock” under “Hi/Lo base” heading.

 **CAUTION:** Always ensure that the four legs of a set are used together on one chair. Do not connect legs of varying length and with varying features to the same chair.

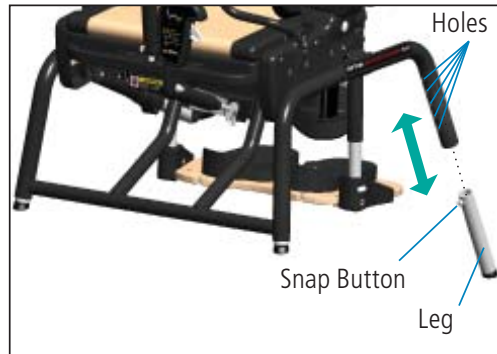


Figure 18a

### Seat height

The selection of long or short legs, with or without casters will impact seat height. To adjust seat height, depress snap button on each adjustable leg, push or pull leg to desired setting, release snap button and make sure it clicks into place (see Figure 14a).

**Note:** To lower seat to desired level, footboard height may need to be adjusted.

### **WARNING**

Adjust all legs to same height for stability.

### Footboard

Footboard is an accessory with Standard base. For information on footboard and its adjustments, see section entitled “Footboard” under “Hi/Lo base” heading.

## Hi/Lo base

### Seat height

To adjust seat height, use foot pedal located at rear of chair. To raise seat, pump downward repeatedly on foot pedal until desired height is achieved (see Figure 19a). To lower seat, lift red safety lock and foot pedal up until seat descends to desired height.

**Note:** To lower seat to desired level, footboard height may need to be adjusted.

#### **WARNING**

Keep hands and limbs away from moving parts when adjusting chair.

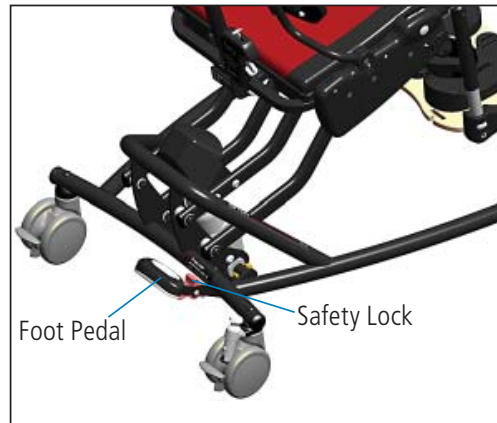


Figure 19a

### Caster brakes

**Caster brakes should be used for transfers into and out of chair and when chair mobility is not desired.**

To apply brake, step down on pedal (A) protruding from caster wheel (see Figure 19b). To release brake, lift pedal up.

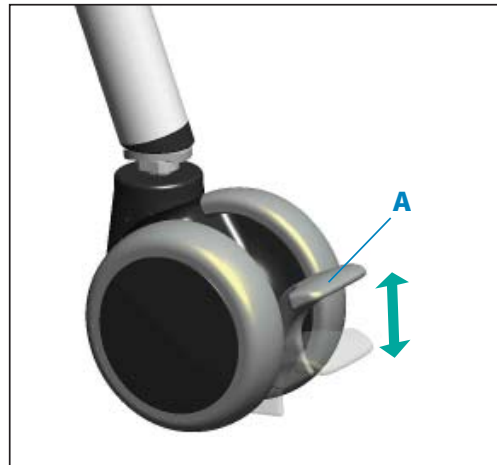


Figure 19b

### Swivel lock

**Swivel lock can be used to keep chair from drifting sideways when it is being pushed.**

To apply swivel lock, position caster directly beneath swivel lock post and push handle down with foot. Swivel lock post should drop into caster groove and stop just above brake pedal (see Figure 19c).

To release swivel lock, pull upwards on white knob until snap button clicks into place above metal collar.

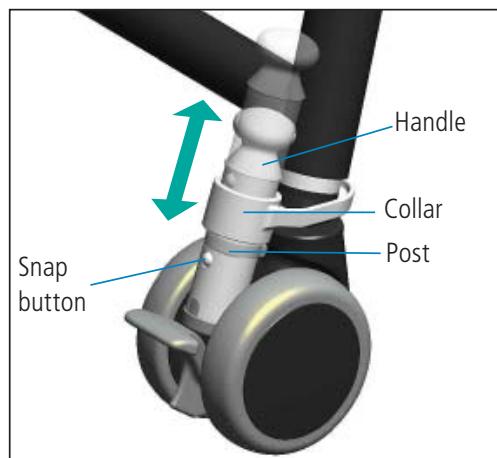


Figure 19c

## Footboard

The footboard provides firm support for user's feet, particularly when seat is raised too high for user's feet to touch floor. The footboard also serves as a base for ankle straps, sandals, and wedges. It can support weight of user during transfers, and/or can be swung beneath seat for transfers.

To set angle of footboard to seat, reach beneath seat and depress white tube latch. With other hand push or pull footboard to desired setting, then release latch and make sure it clicks into place (see Figure 20a).

To adjust footboard height, simultaneously depress both white footboard buttons located at either side of footboard. Slide footboard up or down evenly on both sides to desired setting. Make sure footboard clicks into place (see Figure 20b).

### **WARNING**

Be sure push buttons are engaged before stepping on footboard.

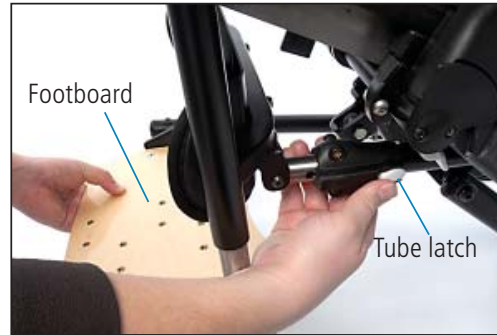


Figure 20a



Figure 20b

## Accessories

### Headrest

**A headrest can be purchased with either flat or contoured headpiece.**

To install headrest and adjust headrest height, depress white button (A), insert metal headrest bar and raise or lower it to desired setting. Release button and make sure headrest clicks into place (see Figure 21a).

To adjust depth and angle of headrest, loosen both black knobs (see Figure 21a). Move headrest to desired position and tighten both knobs securely.

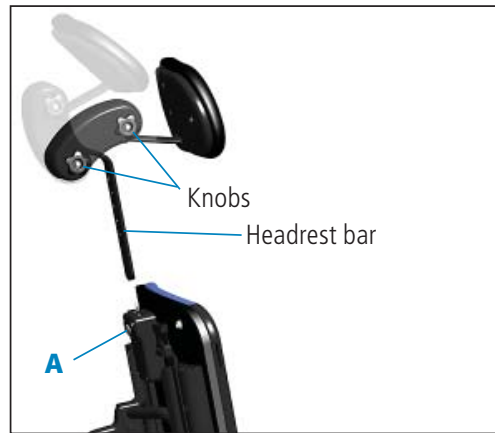


Figure 21a

### Lateral supports

**Lateral supports provide comfortable side-to-side support for user and are fully adjustable in height, width, and angle. Lateral supports can be purchased either with or without chest strap attached.**

To install and/or adjust lateral support (A), loosen black knob (B) and insert the key (C) into extrusion (D) behind backrest (see Figure 21b). By sliding lateral support up and down extrusion, sliding bracket (E) along its slot, and by rotating the bracket around the knob, adjust height, angle, and width of lateral to fit client. When desired adjustment is reached, tighten knob firmly (see Figure 21c).



Figure 21b (Chair top view)

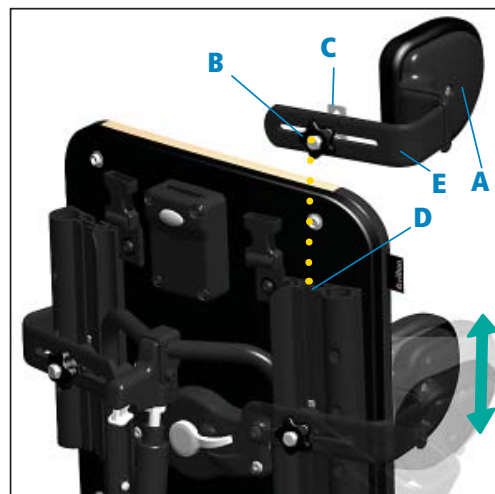


Figure 21c

## Chest strap

The chest strap provides anterior support. Two types of chest straps can be purchased: one for use with lateral supports, the other for use on its own.

**Note:** The stand-alone chest strap may be used with lateral supports, but will not be in line with lateral supports as the compatible chest strap is.

To install chest strap for use with lateral supports, thread loop at either end of chest strap over the knob and key assembly of lateral supports (see Figure 22a), making sure buckle will face outwards when chest strap is used.

Loops can be threaded either with chest strap encompassing lateral supports, or with straps on the inside of lateral supports (see Figure 22a).

Stand-alone chest strap, is wider than chest strap for use with lateral supports (see Figure 22b). To install, loosen black knobs at both ends of strap and insert the keys into the extrusions behind backrest. Slide knobs up and down until desired height is achieved, then tighten knobs firmly (see Figure 22c).

To adjust stand-alone chest strap height, loosen black knobs at both ends of strap, slide knobs up and down until desired height is achieved, then tighten firmly.

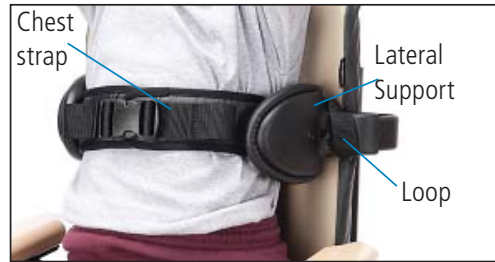


Figure 22a



Figure 22b

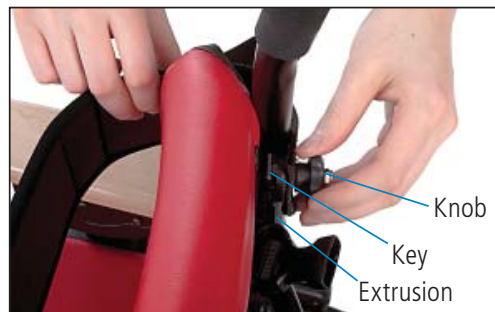


Figure 22c

### **⚠ WARNING**

ALWAYS use a seatbelt or pelvic harness. Absence of a seatbelt or pelvic harness may result in falls and may pose a strangulation hazard to user when a chest strap, butterfly harness or tray is in use.

A loose, over-tightened, or incorrectly positioned chest strap may pose a strangulation hazard to user.

## Butterfly harness

**The butterfly harness provides anterior support while allowing maximum freedom of movement.**

To install butterfly harness insert L-shaped metal clips (A) at the ends of lower harness straps into slots (B) at either side of seat. Press clip firmly into slot with back of L-shape towards front of seat, making sure it clicks into place and holds when pulled. Then clip top buckles (D) together behind top of backrest (see Figure 23a).

**Note:** The butterfly harness can be clipped into either set of small slots at sides of chair seat. Use other set for seatbelt or pelvic harness.

To remove butterfly harness, use pen to depress small white button (C) and pull harness upwards to disengage clip. Repeat on other side of seat (see Figure 23a).

To use butterfly harness, unclip all four buckles (D) to completely free harness pad (see Figures 23a and 23b). Transfer user into chair, then place harness pad on user's chest. Secure all four buckles and adjust straps as necessary.



Figure 23a



Figure 23b

### **⚠ WARNING**

ALWAYS use a seatbelt or pelvic harness. Absence of a seatbelt or pelvic harness may result in falls and may pose a strangulation hazard to user when a chest strap, butterfly harness or tray is in use.

ALWAYS check fit of butterfly harness, especially after adjusting chair. Loose straps, over-tightened straps, or wrongly positioned harness pads may pose a strangulation hazard to user (see below).

Absence of lateral supports may cause top of butterfly harness to exert enough pressure on one side of user's neck to pose a strangulation hazard.

## Thigh belt

**A thigh belt can provide additional support and security for user's thighs and helps adduct user's knees.**

To install thigh belt, unsnap and lift up front of seat pad. Hold metal slide over recessed side of H-slot with belt extending over closest edge and plastic buckle downwards (see Figure 24a). With other hand, pinch sides of belt together about 1.5" away from metal slide. Shove pinched belt section through cross bar of H-slot and push more through until belt is flat--then pull up. Metal slide should be on top with belt looping below seat. Repeat with other end of belt. Replace seat pad.

To remove thigh belt, first remove seat pad. Grasp thigh belt strap directly above slot from which it protrudes, and pinch strap edges into cross-bar of H-slot. Push downwards on strap to loosen metal slide from recess in which it is seated. Grasp metal slide with other hand and pull strap free. Repeat on other side, then replace seat pad.

To adjust thigh belt, pull adjuster straps threaded through either side of center buckle (see Figure 24b).

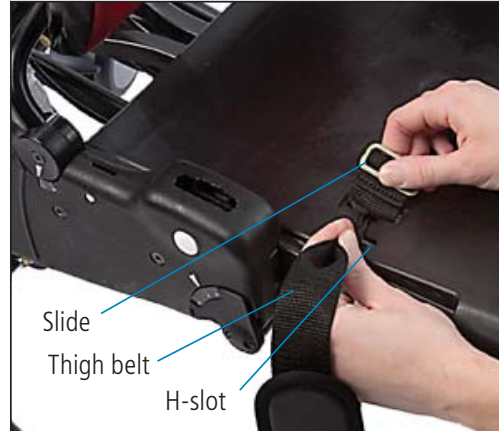


Figure 24a



Figure 24b

### **⚠ WARNING**

If using thigh belt along with a chest strap, butterfly harness or tray, a seatbelt or pelvic harness is also required:

ALWAYS use a seatbelt or pelvic harness. Absence of a seatbelt or pelvic harness may result in falls and may pose a strangulation hazard to user when a chest strap, butterfly harness or tray is in use.



## Pelvic harness

**Pelvic harness may be used in place of seatbelt as the primary means of securing user in chair. This alternative to the more typical seatbelt gives a stable base for developing sitting postural control. Pelvic harness firmly positions user's pelvis by securing hips and upper thighs without placing pressure on the abdomen.**

To install pelvic harness, place it on seat with wide ends towards back of seat and strap attachment points down. Insert L-shaped metal clips, attached by short straps to back corners of harness, into slots at either side of seat. Press clip firmly into slot with back of L-shape towards front of seat, making sure it clicks into place and holds when pulled (see Figure 25a).

To remove pelvic harness, use pen to depress small white button just below clip slot on side of seat and pull harness upwards to disengage clip. Repeat on other side of seat.

Lay the harness pad flat on the seat as shown (see Figure 25b). Seat the child in the chair. Pull each end of the pad up between the legs and over the near leg (e.g., left pad end over the left leg) (see Figure 25c). Secure the buckles. Tighten the straps as necessary.

**Note:** Pelvic harness can be clipped into either set of small slots at sides of chair. Be sure to consider seat depth required for user and assess that slot selected for attachment will allow appropriate use of pelvic harness.



Figure 25a



Figure 25b

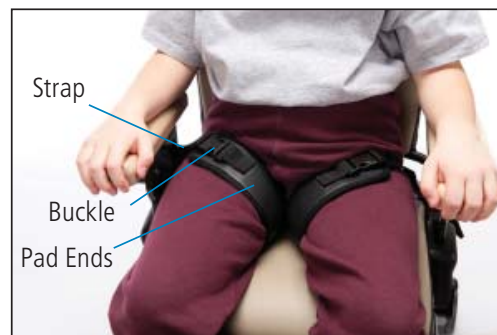


Figure 25c

### **⚠ WARNING**

ALWAYS use a seatbelt or pelvic harness. Absence of a seatbelt or pelvic harness may result in falls and may pose a strangulation hazard to user when a chest strap, butterfly harness or tray is in use.

## Hip guides

**Hip guides provide additional lateral support to user's hips and can be independently adjusted for best fit.**

**Hip guides are clipped to arm supports and can be removed along with arm supports for transfers. Hip guides can be used with both armrests and forearm prompts.**

To attach the left hip guide: Remove the left armrest. Place the left hip guide over the armrest slot with the white button for lateral adjustments on the outside of the chair facing the backrest (see Figure 26a). Slide the armrest through the hip guide and into the chair slot. Tip: Match the raised molded armrest outline on the hip guide with the wooden armrest shape above it (see Figure 26b and 26c).

Repeat in reverse to attach right hip guide.

To adjust width between left and right hip guides, depress white button and move hip guide pad in and out, making sure it clicks into place when desired setting is reached.



Figure 26a



Figure 26b

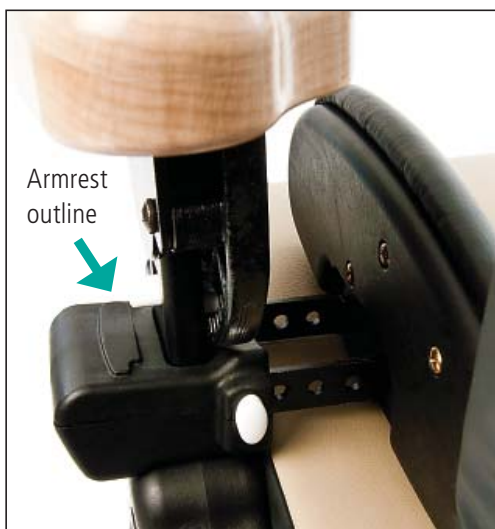


Figure 26c

## Abductor

**Abductor can be used to keep user's knees comfortably apart.**

Before installing abductor, remove leg prompts, if present.

To install abductor, insert abductor post into slot centered directly beneath front of seat. Reach below slot and depress white abductor button in order to insert abductor post fully into slot (see Figure 27a).

To adjust depth of abductor to seat, depress white abductor button and pull abductor to desired setting then release button making sure abductor clicks into place.



Figure 27a

## Adductors

**Adductors can be used to limit lateral movement of user's knees and provide a comfortable lateral boundary.**

To install adductors, depress adductor button and insert metal posts into slots located on sides of seat at its front corners, so that adductor pads are towards seat. Release button and make sure adductors snap into place.

To remove adductors, find the two white adductor buttons located below front corners of seat. Depress these buttons and pull adductors out of their slots (see Figure 27b).



Figure 27b

## Leg prompts

**Leg prompts can be used in place of abductor providing both abduction and adduction.**

Before installing leg prompts, remove abductor, if present.

To install leg prompts, insert leg prompt post (A) into slot (B) centered directly beneath front of seat. Reach below slot and depress leg prompt button (C), in order to insert leg prompt post fully into slot (see Figure 28a).

To adjust depth of leg prompts to seat, depress leg prompt button (C). Pull or push leg prompts until desired setting is achieved. Release button and make sure leg prompts click into place.

To adjust width of leg prompts, depress white width buttons (D) located on plastic housing behind leg prompt straps. Move leg prompts closer or farther apart, then release buttons when desired setting is achieved, making sure prompts click into place (see Figure 28a).

Secure user's legs in place with leg prompt straps (see Figure 28b).

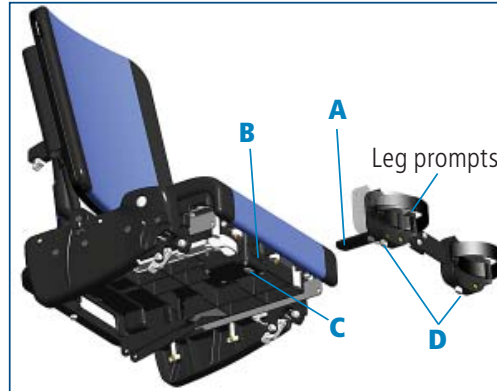


Figure 28a

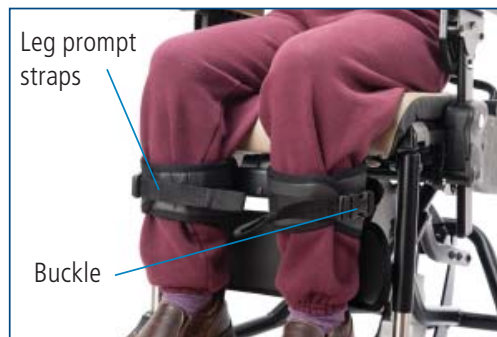


Figure 28b

## Ankle straps

Ankle straps can be used on footboard to secure user's feet while providing a bounded range of movement (see Figure 29a).

To attach the ankle straps, simply insert the ends of the straps into the T-slots on the back of the footboard. Pull ankle straps firmly upwards to secure the clips beneath the T-slots (see Figure 29b).

Adjust straps to fit user's needs.

**Note:** Sandals cannot be used together with ankle straps.



Figure 29a



Figure 29b

## Sandals and Wedges

**Sandals can be used with footboard to provide positive positioning of user's feet. Adding wedges beneath sandals allows for a custom fit of sandal height and tilt.**

**Sandal bases come in a left and right pair.**

To install, place sandal base on footboard and position it above one of the pairs of screw threads embedded in footboard. Use black knobs provided to secure sandal base to footboard. Begin by tightening knobs only halfway, slide sandal base to desired position, then tighten knobs firmly (see Figure 30a).

Latch sandals onto sandal bases using white levers (see Figure 30b)

To install wedge, pull back white lever at side of sandal to free sandal from sandal base. Place wedge on sandal base and push bottom lever back, towards side of sandal base. This locks wedge onto base. Repeat if more wedges are added. Finally, place sandal on top of stack and lock it into place by pushing corresponding white lever (see Figures 30b and 30c). Make sure sandals and wedges are firmly locked together before use.

Wedges may be used either way around and stacked.

Secure user's feet with sandal straps.

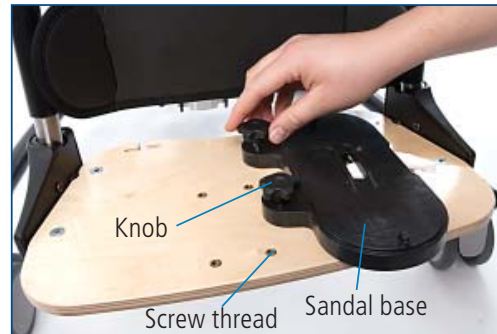


Figure 30a

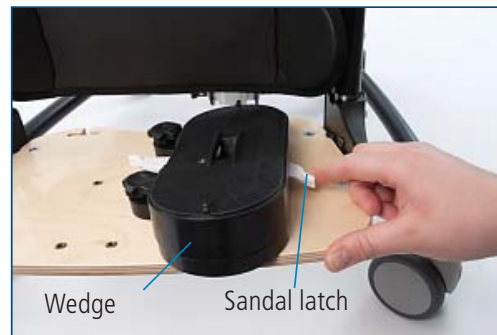


Figure 30b



Figure 30c

## Lumbar and seat support kit

**The lumbar and seat support kit can be custom-cut and fitted to give extra postural support.**

The lumbar support is secured behind backrest pad for additional low back support, and the seat support is secured beneath seat pad to help prevent user from sliding forward on seat (see Figure 31a).

To install custom lumbar and seat support, remove seat and backrest pads, then use installation instructions provided with lumbar and seat support kit. Support padding may be cut or trimmed if necessary and affixed to seat with hook and loop strips. Replace seat and backrest pads when finished.



Figure 31a

## Backrest filler pad

**Backrest filler pad can provide additional lower back support when chair backrest is so high that there is an open space between backrest and seat (see Figure 31b).**

To install backrest filler pad, snap it into place on snap stud centered at bottom edge of rear of backrest (see Figure 31c).

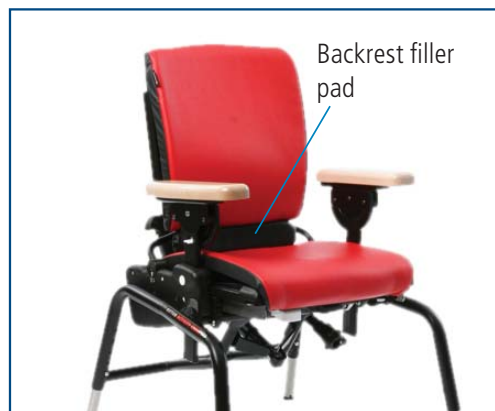


Figure 31b

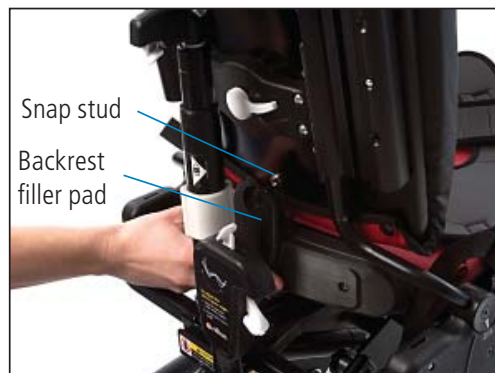


Figure 31c

## Push handles

**Push handles provide an ergonomic way for a caregiver to maneuver chair and transport user.**

There is a left and right push handle.

To install push handle, depress snap button at bottom of handle and insert it into one of the extrusions at rear of backrest. Since there is a left and right push handle, each handle will only fit into one side of chair (see Figure 32a).

To adjust push handle height, depress snap button and move handle up and down until desired height is reached. Release button, making sure handle clicks into place.

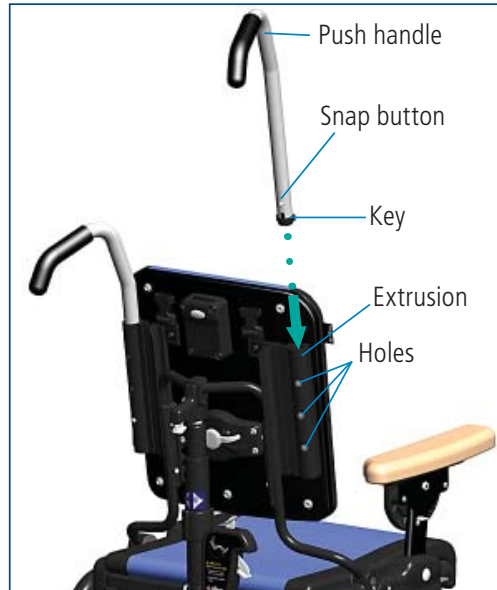


Figure 32a



## Tray

Tray provides a firm surface for seated activities such as eating and art, and adjusts in height, angle, and depth. A softly-rounded rim contains spills. Tray attaches to wooden armrests, not forearm prompts.

To install tray, first set both wooden armrests to same height and angle. Pull black handle and slide tray onto armrests (see Figure 33a).

To adjust tray depth, pull black handle and slide tray forward or back. When desired place is reached, release handle and make sure tray clicks into place.

Adjust tray height and angle by adjusting armrest height and angle with tray attached (see armrest section on page 10).



Figure 33a

### **⚠ WARNING**

Tray is not intended to hold user in chair.

ALWAYS use a seatbelt or pelvic harness. Absence of a seatbelt or pelvic harness may result in falls and may pose a strangulation hazard to user when a chest strap, butterfly harness or tray is in use.

## Handhold

Handhold can be attached anywhere along rim of tray to provide additional support and security.

To install and adjust handhold loosen large oval knob and slide handhold along tray until desired position is reached, then tighten knob securely (see Figure 33b).



Figure 33b

## Maintenance

Periodically inspect for cracks, breaks, loose parts, missing parts, and/or malfunctions. Remove the product from service when any condition develops that might make operation unsafe.

## Cleaning

Many of the components of the Rifton Chair can be removed for cleaning. Clean chair by wiping with a damp cloth using soap and water or a mild disinfectant solution. Rinse with a damp cloth and water. Do not use excessive amounts of water.

The upholstery should be cleaned in the same manner with a damp cloth and mild disinfectant. You may also use a commercial cleaning agent suitable for imitation leather.

The straps with hook and loop closures may be laundered. Engage the closures before washing. Do not iron.

## Materials

- Steel hardware items (nuts, bolts, screws, etc) are typically zinc or nickel plated, or stainless steel.
- Upholstery items (pads, support blocks, padded prompts, etc) are typically fire-retardant polyurethane foam with a fire-retardant cover made from expanded polyurethane.
- Frames are typically steel or aluminum tubing, welded together, and coated with a baked-on paint finish. Some frame components may also be stainless steel.
- Tires are tubeless, filled with polyurethane foam, and do not require inflation.
- Straps are typically made of polypropylene or nylon webbing.
- Wooden components are typically birch plywood, solid maple, or laminated hardwood veneers, finished with a clear polyurethane lacquer.
- Tabletops are typically high-pressure laminate (Formica).
- Plastic components are typically injection molded from a variety of industrial resins.

All materials are latex, lead and phthalates free.

## User modifications

We recognize that some clients may benefit from modifications made in the field. However, we cannot be responsible for customer modifications to our products without our supervision, testing, and evaluation.

## Rifton Contact Info



### Online

[www.Rifton.com](http://www.Rifton.com)  
[Sales@Rifton.com](mailto:Sales@Rifton.com)



### Phone

**800.571.8198**  
9–5 EST



### Mail

Rifton Equipment  
PO Box 260  
Rifton NY 12471–0260



### Fax

**800.865.4674**

## To order replacement parts

1. Locate the serial number of the product on the small white label.
2. Have this number available when you call **800.571.8198** for your customer service representative.

**Use only replacement parts supplied by Rifton Equipment.**

LK79 ECO 3219 Revision B