

Advancement Chair

R901 & R903 Product Manual



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WARNINGS

- Thoroughly read and understand the information in this product manual before attempting to use this product. If the procedures and instructions in this product manual 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.
- This is a forward-leaning chair. Care must be taken that the child is not placed leaning so far forward so as to present a tipping hazard.
- Keep children away from under the seat of the chair; there are parts that move when the seat height or seat angle are adjusted. When adjusting the chair with the long handles keep your hands away from the moving side parts.
- Use chair on even and level surfaces only.
- Keep hands away from hinge area (see page 6).

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 caregivers who use Rifton products on a regular basis.

 **Maintenance Personnel** For anyone who is responsible for service or reordering of Rifton products and parts.

IMPORTANT

- Please save this product manual. Additional copies are available at www.rifton.com
- Please refer to the Rifton product catalog for our full warranty, or visit www.rifton.com

Check your order

The small Advancement Chair will come in one carton. For the large chair, the backrest will come in a separate carton.

Follow these instructions to ensure that your chair is assembled correctly.

Take all the components out of the carton. Some items may be packed inside another smaller carton inside the main carton.

Your Advancement Chair has been made to your specifications. **If your shipment is incomplete or in any way damaged on arrival**, locate the serial number of the product on the small white label and have this number available when you call **800.571.8198** for your customer service representative.

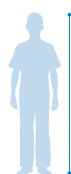
Recommended use

The Advancement Chair is intended to teach sitting skills to children or adolescents with disabilities. It is intended to be used as a part of the MOVE curriculum of improvement by acquiring skills and removing prompts. These are easily removable as the child gains more independence. For more information about MOVE, contact Customer Service.

The Advancement Chair is fully adjustable and configurable, allowing for growth and different users or conditions.

User and item dimensions

User Dimensions - inches (cm)	Small	Large
Height	34-46 (86-117)	53-72 (135-183)



Key User Dimension: Height

The user's overall height is a general guide to help you select the appropriate Chair. Choose the size that allows for growth.

Important: 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.

Item Dimensions - inches (cm)	Small	Large
Frame width (with wheels)	22 (56)	28 (71)
Seat height above floor	8½-11½ (22-29)	15-18½ (38-47)
Seat height above Footboard	7½-10½ (19-27)	14-17½ (36-44)
Seat width (with Pads)	11 (28)	16 (41)
Seat depth	8-10 (20-25)	15-20 (38-51)
Trunk Support width	5½-9½ (14-24)	10-14 (25-36)
Backrest height	15 (38)	24 (61)
Headrest center height above seat	17-21 (43-53)	26-30 (66-76)
Max. working load - lbs (kg)	75 (34)	225 (102)

Basic chair components

Backrest

Assembly

- Loosen the two knobs (A) underneath the seat (see Figure 6a).
- Slide the backrest into the clamp

 **WARNING**

Push the backrest all the way in until it “clicks”.

- Tighten the knobs (A).

Note: The seat depth can be adjusted by loosening the knobs and moving the backrest in or out.

Backrest angle

The backrest angle can be adjusted over a range of 15 degrees. Loosen both oval knobs in the rear, grasp the plastic housing and move the backrest to the desired angle. Tighten both knobs securely (see Figure 6b).

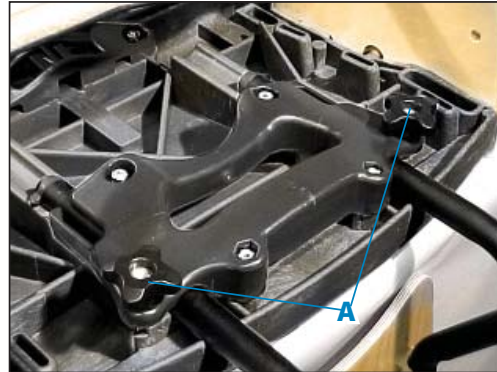


Figure 6a



Figure 6b

Seat

Seat height

To adjust the seat height, turn the long handle under the seat. Each half turn moves the chair up or down one ½" increment (see Figure 7a).



Figure 7a

Seat tilt

The seat tilt can be adjusted by turning the handle under the seat which can be reached from the rear. Turning this handle tilts the seat from 5° back to 20° forward (see Figure 7b).



Figure 7b

Set of pads

Seat pad

The seat pad is attached with the wide part to the front, using snaps which attach to the seat (see Figure 7c).



Figure 7c

Back pad

The back pad has two pockets which slip over the edges of the backrest .

Hip pads

The two hip pads snap to the inside of the L-bar hinge (see Figure 7d).



Figure 7d

Center mounted strap

The center-mounted strap is attached to the mounting bracket at the rear of the seat. The center loop of the strap fits over the two prongs of the bracket to make a secure mounting (see Figure 8a).

WARNING

Make sure the strap is attached securely.

The strap is intended to go underneath the seat of the child, around the groin area, and back over the thighs. The ends of the strap latch into the strap sockets at the rear of the seat.

Foam sleeves fit over the strap to soften it against the user's body.



Figure 8a

Hip or pelvic strap

The hip or pelvic strap, if requested, attaches into the narrow slots in the seat in several positions. To attach the strap, push the clips into the slots until they click into place. Pull on the strap to check that it is secure (see Figure 8b).

WARNING

Hip strap must angle up toward front of chair (see picture).

To change the position of the strap, the clips that attach the strap to the seat must be disengaged. Reach under the seat to release each clip. Push the front half of the clip first, then the rear half. The clip will then come out.

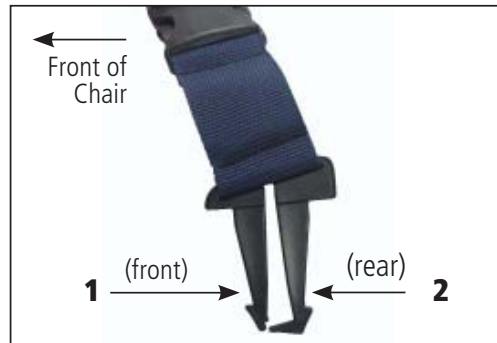


Figure 8b

L-bar set

The L-bars come as a left and right pair. Insert the metal tongue into the rear slot in the seat. The L-bar hinge should sit firmly on the seat (see Figure 9a).

⚠ WARNING

Tighten the knob underneath the seat.

The L-bars provide the support for the forearm prompts. They are attached to the chair by a hinge.

The hinge can be unlatched, enabling the L-bar to swing out of the way. This is ideal for easy and quick access to the child. To open the hinge, press the light blue latch underneath the hinge. When in use, the L-bars should be swung forwards and latched into place (see Figure 9b).

⚠ WARNING

- Keep hands away from hinge area, when closing hinge.
- In use, the L-bars must be securely latched.

The hinge can also be removed easily for transfers. Loosen the knob under the seat to remove hinge and L-bar in one unit.



Figure 9a



Figure 9b

Arm prompts

The forearm prompts are attached using a clamp and post system. The clamp attaches with a screw knob to any position on the straight portions of the L-bar. The clamp can be mounted on the inside or outside of the L-bar (see Figure 10a).

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

The forearm prompts come as a left and right pair. The 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 10b).

Adjust the forearm prompts to the best position for the user's comfort and function. Slide or rotate the handhold, by loosening then tightening the knob (B) on the side. Adjust the straps and secure with the hook and loop fasteners, hooks away from the user's arm (see Figure 10c).



Figure 10a

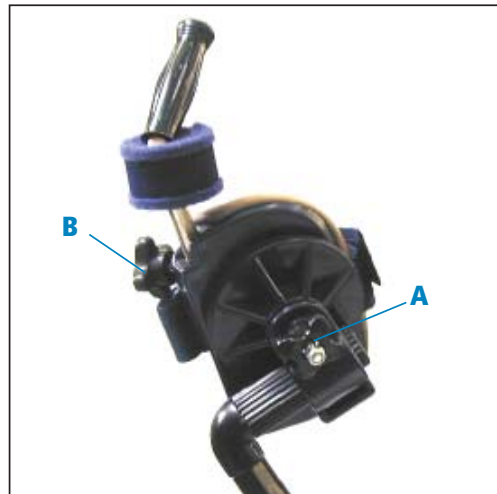


Figure 10b



Figure 10c

Footboard

A footboard comes with every Advancement chair and can slide out of the way under the chair.

To adjust, pull the two latches (A) up, move the footboard to the desired position and lock in place.



Casters

Four locking casters allow for excellent handling and maneuvering when unlocked, and excellent stability when locked.

Depress the lever (A) on each caster to lock the chair. The push handle (standard on the small chair only, but can be requested on the large) allows caregivers to push the chair with ease and comfort.



Accessories

Abductor and leg supports

The abductor or the leg prompts fit into the square socket underneath the front of the seat (see Figure 12a).

- Push up the latch underneath the socket.
- Push the abductor, or leg prompts, back until it “clicks” into the desired position.

Note: Make sure you insert the abductor or leg prompts with the holes in the square tube facing down.

Leg prompts may be used instead of the abductor. Insert the leg prompts into the square socket under the front of the seat, the same way up as shown in the picture. The leg pads can be moved from side to side by releasing the latch on the back. The straps loop around the front of the leg, through the slot, and attach back on themselves (see Figure 12b).



Figure 12a



Figure 12b

Trunk support

The trunk support fits in the two tracks at the rear of the backrest. To insert the trunk support or to adjust it up and down, squeeze the two latches with your fingers. When the headrest is at the desired height, release the latches. Make sure the latches clip securely into the notches in the track (see Figure 12c).

Adjust the trunk support pads by loosening the corresponding knob behind the backrest. Move the pads outwards before sliding the trunk support over the backrest.



Figure 12c

Anterior support

The anterior support is a wide padded strap which clips onto the trunk support brackets. To remove it simply lift the clips straight up. To adjust the length, release the hook and loop fastener and pull the strap through the clip to the desired length (see Figure 13a).



Figure 13a

Sandals and wedges

Sandals and wedges are available for positioning the feet on the footboard. To adjust the sandals, remove the knobs (A) from the sandal, place it in the desired position, and re-insert knobs (see Figure 13b).

Sandals and wedges latch onto the sandal base with the blue levers (B) (see Figure 13c).

Wedges may be used either way around and even stacked. To add a wedge, remove the sandal from the base, set the wedge on the base and latch in place. Put the sandal on top, and latch it as well (see Figure 13d).

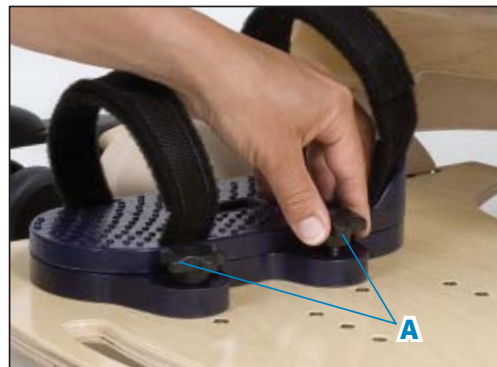


Figure 13b



Figure 13c



Figure 13d

Headrest

The headrest fits in the same tracks as the trunk support. To insert the headrest or to adjust it up and down, squeeze the two latches with your fingers. When the headrest is at the desired height, release the latches. Make sure the latches clip securely into the notches in the track (see Figure 14a).

There are two kinds of headrest: contoured and flat (see Figure 14b).



Figure 14a



Figure 14b

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 Advancement 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 vinyl.
- 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



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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.

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