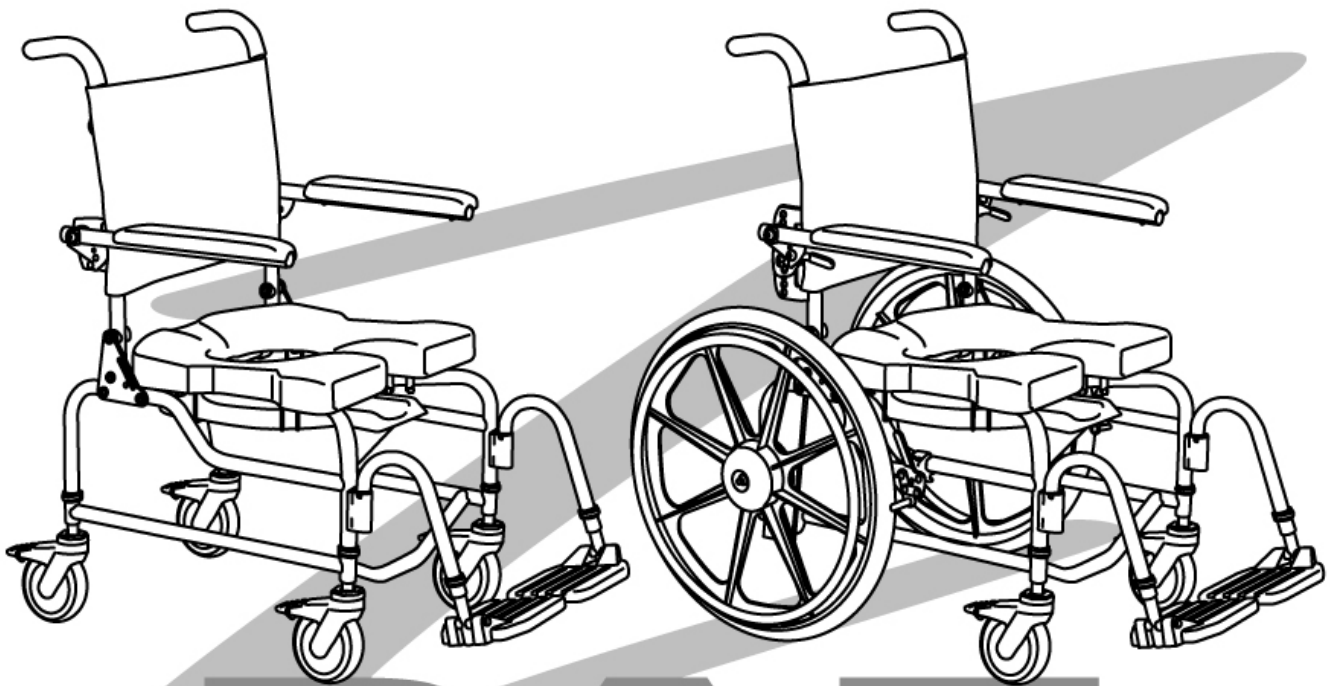


Raz Rehab Shower Chairs AP / SP Models

User's Manual



RAZ

**A guide to help users and caregivers in the safe usage and
maintenance of Raz Rehab Shower Chairs**

SAFETY PRECAUTIONS

Failure to comply may cause injury or damage!

It is important that the user(s), and/or the caregivers of the user(s) read and thoroughly understand the User's Manual. If there are any parts of the User's Manual that are not understood, clarification should be sought prior to using the product. Up-to-date manuals are available online at www.razdesigninc.com. For clarification of any section of this manual, call the dealer that provided your Raz Rehab Shower Chair. If the dealer is unable to address certain concerns or questions, contact the Canadian distributor or manufacturer.

IN CANADA
 Dynamic Health Care Solutions
 Bolton, Ontario Canada
 905.951.8541 / 866.875.2877
info@dynamichcs.com

IN THE U.S.A
 Raz Design Inc.
 Toronto, Ontario Canada
 1.877.720.5678
info@razdesigninc.com

CHAIR CLASSIFICATION BASED ON MAXIMUM USER WEIGHT	
AP / SP	300 lbs (136 kg)

SAFETY WARNINGS TO CONSIDER FOR USE PURPOSES

Forward Stability

The front 5" casters on all models are equipped with dual locks. The step-on lever activates both the roll lock and the swivel lock. ***It is essential that all casters on the shower chair be in the outward position before engaging the locks for optimal forward and lateral stability.*** If so equipped, disengage the optional directional caster lock first before rotating the rear caster to the rearward position and applying the dual caster lock.



USERS MUST NOT lean forward while sitting in the Raz Shower Chair as this may cause the chair to tip forward.

USERS MUST NOT wheel down a ramp (SP model) without an attendant who can hold onto the chair during the descent.

WHEEL LOCKS ARE NOT BRAKES! Never use wheel locks to slow down the shower chair when descending inclines as this could cause the chair to tip in the direction of travel.



Lateral Stability

USERS MUST NOT lean over the edge of a Raz Shower Chair as this could cause the chair to tip.

USERS MUST NOT attempt to pick up objects from the floor by leaning over and reaching – a reacher or assistance from others should be employed.

USERS MUST NOT position the shower chair on a side slope as this could cause it to tip.

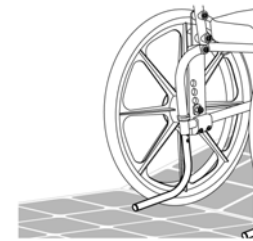


Rearward Stability

USERS MUST NOT wheel up an incline on a Raz SP without ensuring that the optional rear anti-tippers are in place. The optional anti-tippers must be ordered with the Raz SP and properly installed before wheeling on uneven surfaces.

Anti-Tippers (SP models only)

Anti-tippers are an option for the Raz SP Shower Chairs. These are recommended whenever the chairs are to be used on uneven surfaces such as ramps or sloped floors. If the stability of the Raz SP is ever in question, anti-tippers should be installed by the dealer that supplied the chair.



IMPORTANT !

THE REARWARD STABILITY OF THE RAZ SP IS AFFECTED BY THE MOUNTING LOCATION OF THE REAR WHEELS, THE PHYSICAL AND CLINICAL CHARACTERISTICS OF THE USER AND THE ANGLE OF THE BACKREST. THE NEED FOR ANTI-TIPPERS SHOULD HAVE BEEN DETERMINED AT THE TIME OF THE PRESCRIPTION OF THE RAZ SP WITH CONSIDERATION OF THE USER'S ENVIRONMENT.

Ramps and Other Inclines

Ramps and other surfaces that are not level (such as slopes into wheel-in showers) must be tested with an attendant to ensure that they do not compromise the chair's stability. A qualified healthcare professional should be consulted to assist with this process.

DO NOT push or pull the Raz AP up or down an incline or ramp that exceeds a 1:12 grade (5° slope). If unsure of the ramp grade, contact your authorized Raz dealer for assistance.

DO NOT allow any user to be propelled (pushed or pulled) in a Raz AP Shower Chair in any other manner than by an attendant.



Immersion

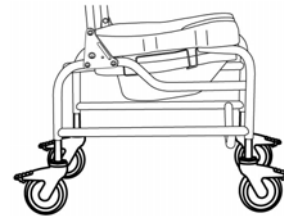
The Raz Shower Chair is not designed to be used as a pool chair. Do not immerse the shower chair in whole or in part, in water or any other liquid, otherwise damage to the shower chair components may result.



Transfers

The most dangerous part of using any shower chair is the transfer. Since every chair has different stability characteristics, it is essential to carefully review and test the transfer technique to ensure that the procedure is safe. Consult a physical or occupational therapist if safe, reliable transfer techniques have not been learned. Individuals who have not learned this skill must seek assistance during transfers and may require the use of a mechanical lift.

Transferring onto a Raz AP Shower Chair – **ALWAYS** lock all four casters in their outward position (front casters positioned in the forward position / rear casters positioned to the rear) for maximum chair stability.



Transferring onto a Raz SP Shower Chair – **ALWAYS** lock both front casters in their outward position (positioned forward) and fully apply both rear wheel locks so that they securely engage the rear wheels.

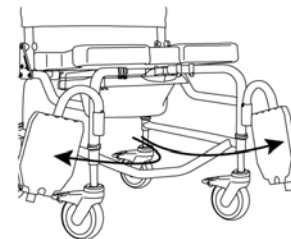
The wheel locks are designed to prevent the self-propelling wheels from rotating. The dual locks on the casters are designed to prevent the caster wheels from rotating and the caster forks from swivelling. Caster locks **DO NOT and CANNOT** prevent the casters from sliding and the shower chair from moving if the floor is slippery. A slippery floor can be caused by dust, water, soap or any substance that does not allow the casters to grip the floor securely. **Transfers should never be attempted with the shower chair positioned on slippery surfaces.** It is recommended that transfers be performed on clean, dry non-slippery surfaces; a fully-carpeted surface is optimal. Be aware that area rugs and shower mats can slide on floors and thereby present a hazardous surface.



NEVER use the footplates to assist in transfers. This could cause the chair to tip. The footrests should be swung to the side or removed entirely during transfers to provide unobstructed access to the shower chair.

DO NOT stand on any part of the frame of the Raz Shower Chair.

The Raz Shower Chair *is NOT* intended for use as a transportation device or a long-term seating system.



USERS SHOULD NEVER be left unattended in a Raz Shower Chair.

IMPORTANT !

IF IT IS EVER FELT THAT ANY ASPECT OF THE RAZ SHOWER CHAIR IS IN NEED OF MAINTENANCE, CONTACT YOUR DEALER. ANY PROBLEMS THAT COULD AFFECT THE SAFE USAGE OF THE CHAIR MUST BE ATTENDED TO IMMEDIATELY. THE DEALER THAT PROVIDED THE SHOWER CHAIR MUST BE CONTACTED SO THAT REPAIRS CAN BE MADE PRIOR TO USING THE CHAIR. IT MUST BE MADE CLEAR TO THE DEALER THAT THE SHOWER CHAIR IS IN NEED OF MAINTENANCE AND IS UNAVAILABLE FOR USE UNTIL REPAIRS HAVE BEEN UNDERTAKEN AND ALL PROBLEMS RESOLVED.

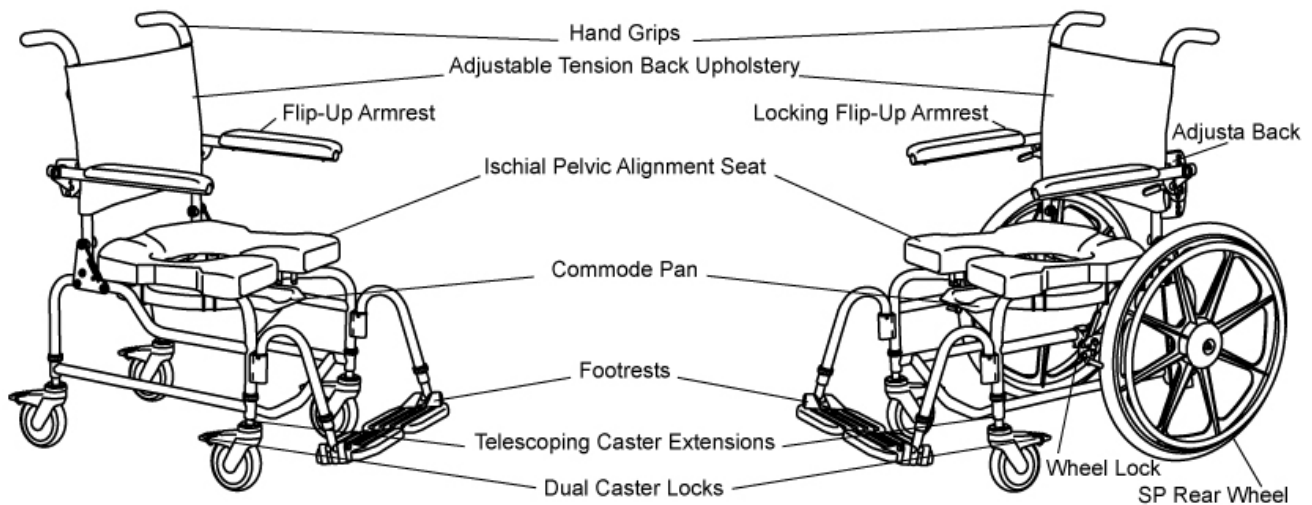
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1.0 GENERAL INFORMATION

1.1 Raz Rehab Shower Chairs AP and SP Overview



1.2 Rehab Shower Chair Models AP and SP Specifications

SPECIFICATION	RAZ AP	RAZ SP
SEAT WIDTH	18"	18"
SEAT DEPTH	16" or 19"	16" or 19"
SEAT ADJUSTMENT	Up to 2" (fore/aft)	Up to 2" (fore/aft)
SEAT HEIGHT (front seat to floor)	19.5" – 23.5"	19.5" – 21.5" (22" whl) 19.5" – 22.5" (24" whl)
CLEARANCE HEIGHT (under seat)	11.3" – 15.3" w/ pan 14.8" – 18.8" w/o pan 16" – 20" w/o pan bracket	11.3" – 15.3" w/ pan 14.8" – 18.8" w/o pan 16" – 20" w/o pan bracket
BACK TYPE – Standard Fixed Height., Flip-Up Armrests	17" back height (Z505) 20" back height (Z506)	17" back height (Z505) 20" back height (Z506)
BACK TYPE – Optional Adj. Ht./Angle, Flip-Up Locking Armrests	Adjusta-back 17" back height (Z510) 20" back height (Z515)	Adjusta-back 17" back height (Z510) 20" back height (Z515)
ARMREST HEIGHT	8.5" (Z505) 9.5" (Z506) 7" – 9.5" (Z510) 8" – 10.5" (Z515)	8.5" (Z505) 9.5" (Z506) 7" – 9.5" (Z510) 8" – 10.5" (Z515)
WIDTH BETWEEN ARMRESTS	18.5"	18.5"
LATERAL SUPPORT (adjustment range)	1.2" – 2.5" offset 2" vertical 1"fore/aft ± 5°	1.2" – 2.5" offset 2" vertical 1"fore/aft ± 5°
FOOTREST ADJUSTMENT (seat to footplate)	16" – 20.5"	16" – 20.5"
CASTER TYPE AND SIZE	Four dual-locking 5" casters	Two dual-locking 5" casters
REAR WHEELS (treaded urethane tires)	Optional retrofit kit	22" standard, 24" optional
OVERALL WIDTH	23.0" w/ std. arm pad 25.5" w/ Z715 arm pad	26" (outside hand rim)
OVERALL LENGTH w/ FOOTRESTS	40.2"	40.3" – 43.8" (22" wheel) 41.1" – 44.6" (24" wheel)
OVERALL LENGTH w/o FOOTRESTS	28.6"	28.7" – 32.2" (22" wheel) 29.5" – 33.0" (24" wheel)
WEIGHT CAPACITY	300 lbs.	300 lbs.
PRODUCT WEIGHT	38 lbs.	47 lbs.
FRAME AND HARDWARE MATERIAL	Stainless Steel	Stainless Steel

2.0 USE AND OPERATION

IMPORTANT !

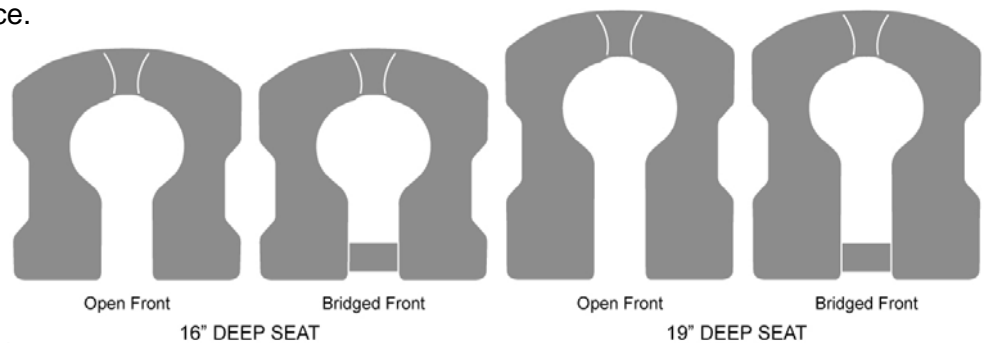
ADJUSTMENTS SHOULD NEVER BE ATTEMPTED WITH THE USER IN THE CHAIR.

2.1 IPAS (Ischial Pelvic Alignment Seat)

The unique seat on all Raz Shower Chairs was designed to help stabilize the pelvis and contoured for pressure reduction. The seats are made from a soft, integral-skin foam and are available in four configurations: 16" deep open front, 16" deep bridged front, a 19" deep open front, and 19" bridged front. Each seat is also available with an optional visco-foam interface for maximum comfort and pressure reduction. The seat provides 2" of fore and aft adjustment and readily locks in place for use and removal with quick-release clips. An option for spacers for anterior or posterior seat angle adjustment is available with the Raz Shower Chair. The seat-to-floor height achievable on the Raz Shower Chair is between 19.5" and 23.5" and the chair fits over most standard toilet bowls when the commode pan is not in place.

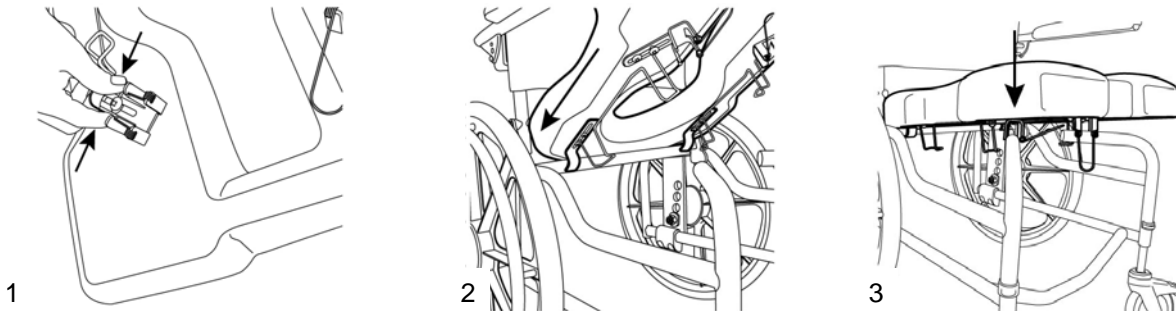
Seat Options

Please Note: 16" Open Front Seat comes standard with the Raz Rehab Shower Chair



Seat Installation – All Models

1. Open the spring clips by squeezing each inward to unlatch the free end from the seat bracket.
2. Slide the rear of the seat over the rear crosstube as the front of the seat is lowered onto the frame. Check to make sure that the rear seat brackets hook below the crosstube.
3. Lower the front of the seat until the front seat brackets nestle onto the front seat support tubes.
4. Secure the seat in place by latching the spring clips. To latch the spring clips, squeeze each clip inward while moving the free end towards the seat until the spring clip clicks into the seat bracket across the front support tubes.



Seat Removal – All Models

1. Unlatch the spring clips from the front seat brackets.
2. Lift the front of the seat directly up.
3. Pull the seat towards the front of the chair to unhook the rear brackets.

IMPORTANT !

NEVER ATTEMPT TO CHANGE THE SEAT HEIGHT WITHOUT THE HELP OF A QUALIFIED DEALER. ADJUSTED SEAT POSITIONS WILL REDUCE THE CHAIR'S STABILITY AND MAY RESULT IN TIPPING AND INJURY.

2.2 Backrest – All Models

The Raz Shower Chair has two back types to be chosen during ordering: a standard back and an optional Adjusta-back. With the standard back, the backrest angles can be set at 85°, 90°, or 95°, and the armrests are mounted at one height and angle, but flip up for transfers. The optional Adjusta-back has adjustable backrest angles (85°, 90°, or 95°) and armrests that can be adjusted in height and angle. They lock automatically when flipped down. If there is a need, the standard back can be upgraded to have locking armrests. Both back types have adjustable tension upholstery which provides trunk support for optimal positioning and comfort.

Options: 17" Standard back with flip-up armrests

17" Adjusta-back with locking armrests adjustable in height and angle

20" Standard back with flip-up armrests.

20" Adjusta-back with locking armrests adjustable in height and angle

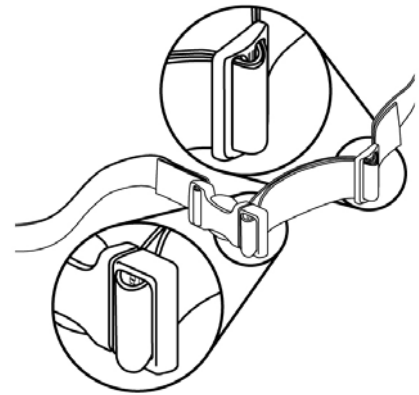


Adjustable Tension Backrest Upholstery Adjustment – All Models

In order to adjust the back upholstery, each strap can be tightened or loosened in the buckles to achieve a wide range of positions. For example, the second and third straps from the bottom can be tightened further to create more pronounced support in the lumbar area of the back. The looser the straps of the back upholstery, the more the fabric will sling-in, creating more contact with the user.

Adjustable Tension Backrest Upholstery Removal – All Models

In order to remove the back upholstery from the chair, release the buckles on the straps. *Note: The bottom two straps thread through two holes in the armrest brackets on the chair back. In order to remove these, it may help to raise the armrests.*

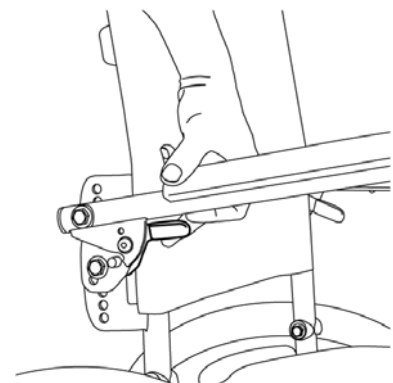


2.3 Armrests – All Models

The Raz Shower Chair comes standard with flip-up padded armrests. Any chair ordered with an Adjusta-back will have locking flip-up armrests and a range for armrest height and angle adjustment to suit the users' needs. Also available for order are 3.2"-wide flat arm pads as an alternative to the standard 2.2"-pad arm pads. On chairs with an Adjusta-back the armrests are adjustable in height within a 3" range in ½" increments. The armrests can be adjusted in height from 7 ½" to 9 ½" with the 17" Adjusta-back and from 8 ½" to 10 ½" with the 20" Adjusta-back. The armrest angle can be adjusted up 5° or down 5° if the backrest angle is adjusted from the 90° factory position *on an Adjusta-back only*.

Locking Armrests (included on the Adjusta-back and optional on the standard back)

To flip up the locking armrests, release the arm lock by lifting the blue trigger underneath the armrest tube and lift the armrest up.



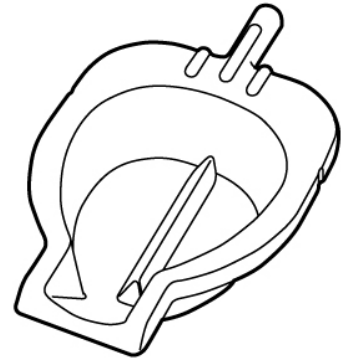
IMPORTANT !

ARMRESTS ON RAZ AP AND SP MODELS ARE NOT INTENDED TO SUPPORT THE ENTIRE BODY WEIGHT OF AN INDIVIDUAL. TOO MUCH WEIGHT MAY CAUSE DAMAGE OR MAY CAUSE THE CHAIR TO TIP.

2.4 Commode Pan – All Models

The Raz commode pan was designed with an elongated form that rests directly under the seat to minimize the occurrence and risk of backspray. A unique splash reduction ridge is located at center of the pan. The high gloss surface facilitates cleaning and rinsing, while the pouring spout and handle facilitate emptying the contents of the pan. Removal of the commode pan is achieved by sliding the pan rearward.

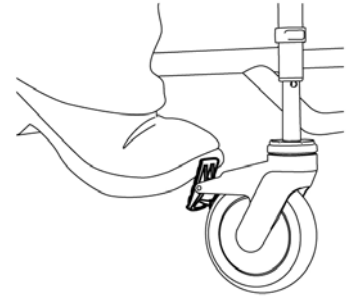
Note: When replacing the pan under the seat, ensure that the pan clicks into the stainless steel brackets and is centered under the seat aperture. If the brackets do not hold the commode pan under the seat securely, squeeze the metal brackets inward for realignment.



2.5 Casters – All Models

Each Raz Rehab Shower Chair caster is equipped with a dual lock feature which stops the caster from swivelling and rolling simultaneously.

1. To activate the dual lock, step on the end of the caster lock lever until it latches in the on position.
2. To deactivate the dual lock, step on the raised end of the caster lock lever until it latches in the off position.



IMPORTANT !

FRAME AND SEAT ADJUSTMENTS SHOULD BE PERFORMED ONLY BY TECHNICIANS FROM QUALIFIED RAZ DEALERS. NEVER ATTEMPT TO CHANGE THE FRAME ANGLE BY CHANGING THE CASTER POSITION. THE FRAME SHOULD ALWAYS BE LEVEL. IMPROPER CASTER POSITIONS MAY REDUCE THE CHAIR'S STABILITY AND RESULT IN TIPPING, THIS HAS THE POTENTIAL TO CAUSE SERIOUS HARM TO THE USER AND/OR DAMAGE TO THE CHAIR.

2.6 Directional Caster Locks – AP & SP Models

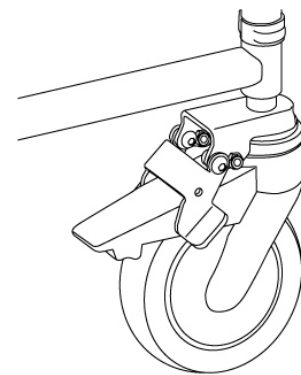
The flip-down directional lock keeps one rear caster aligned in a forward direction. This feature is provided to facilitate the pushing of the chair by reducing unwanted sideways movement. Close-quarters manoeuvrability may be easier with the directional lock in the off (*upwards*) position.

To engage the directional lock:

3. Ensure that the dual caster locks are not activated and that each caster can swivel and roll freely.
4. Pull the shower chair rearward until the rear casters swivel to their forward positions, directly under the frame tube.
5. Flip the directional lock guide latch down to its on position so that it cradles and holds the caster in the forward position.

Note: If the caster is not perfectly in-line with the frame, the spring-loaded latch, once activated, will engage if the rear caster is slowly swung around.

6. To disengage the directional lock, flip the spring-loaded latch up, to its off position.



IMPORTANT !

ALWAYS RELEASE THE DIRECTIONAL LOCK AND SWIVEL ALL FOUR CASTERS TO THEIR OUTWARD POSITION FOR MAXIMUM STABILITY BEFORE PERFORMING A TRANSFER.

2.7 Self Propel Wheels – SP Model Only

The wheels included with every Raz SP Model are 22" or 24" molded handrim wheels. These wheels have improved non-slip handrims which outperform vinyl handrims for utility and durability. All Raz SP Chairs come with standard fixed, self-propel wheels. SP chairs can also be fitted with optional quick-release wheels, which remove easily for transport and cleaning purposes. Any AP chair can also be ordered with a SP wheel kit to facilitate the conversion between attendant and self propulsion. The seat to floor height range of a Raz SP model is 19.5" to 21.5" with 22" wheels installed, and 19.5" to 22.5" with 24" wheels installed. The self-propel wheels also have a fore and aft adjustment range of 3½".

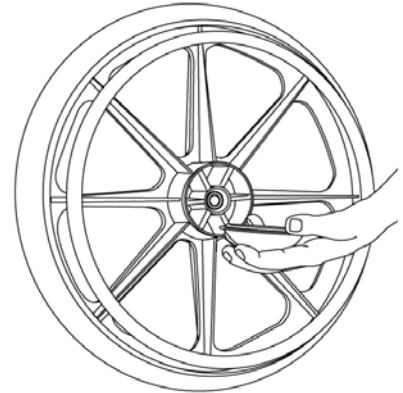
To remove the Quick-Release Wheels:

1. Unscrew the hubcap of a wheel by turning it counter clockwise.
2. Depress the release button at the center of the wheel and pull the wheel and axle away from the receiver on the axle plate.
3. Replace the hubcap by turning it clockwise with the wheel stationary.
4. Repeat steps 1 to 3 for the other wheel.

TIP: Lifting the chair or propping it up will unweight the wheel making it easier to perform this operation.

To replace the Quick-Release Wheels:

1. Unscrew the hubcap from a wheel by twisting it counter clockwise.
2. Depress the release button and insert the quick-release axle into a receiver on the axle plate until the wheel assembly rests against the receiver.
3. Release the button and replace the hubcap by turning it clockwise onto the wheel.
4. Repeat steps 1 to 3 for the other wheel.

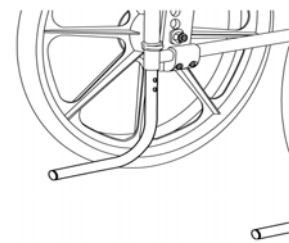


IMPORTANT !

THE LOCKING BALLS ON THE END OF THE QUICK-RELEASE AXLE MUST BE FULLY OUT, PROTRUDING PAST THE INSIDE OF THE AXLE RECEIVER FOR A POSITIVE LOCK WHEN THE RELEASE BUTTON IS NOT ACTIVATED. PULL OUTWARD ON THE WHEEL ASSEMBLY HUB TO ENSURE THE QUICK-RELEASE AXLE IS LOCKED IN PLACE BEFORE OPERATING THE CHAIR. IF THE LOCKING BALLS DO NOT PROTRUDE PAST THE RECEIVER, OR IF THE WHEEL IS LOOSE CONTACT A RAZ DEALER TO PROPERLY ASSESS AND REPAIR WHEEL AXLES.

2.8 Anti-tippers – SP Model Only

Anti-tippers are an option for all Raz SP Shower Chairs, these are recommended whenever the shower chairs are to be used on uneven surfaces such as shower ramps or sloped floors, or for lower-extremity amputees. A dealer can adjust the anti-tippers up or down and further outward from the chair in order to increase rearward stability as required by the user.



IMPORTANT !

THE ADJUSTMENT OF ANTI-TIPPERS ON A RAZ SP MODEL COULD RESULT IN SERIOUS INJURY. IT IS STRONGLY RECOMMENDED THAT ONLY A QUALIFIED RAZ DEALER MAKE ADJUSTMENTS TO THE POSITIONS OF ANTI-TIPPERS. A STABILITY CHECK MUST ALSO BE PERFORMED IN ORDER TO ENSURE STABILITY FOR THE USER IN HIS/HER ENVIRONMENT.

2.9 Swing-Away Lateral Supports – All Models

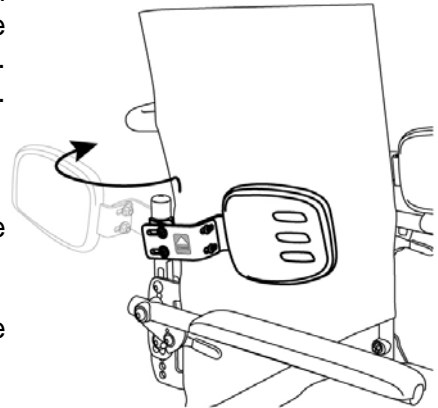
The Raz Shower Chair may be fitted with optional lateral supports. Lateral supports are designed to assist a user in maintaining an upright posture in the Raz Shower Chair. One or two lateral supports may be mounted on any Raz model. The molded foam pads have a soft foam exterior, contoured to hug the torso, with a solid insert to provide strength for positioning. An extension plate can be ordered as an option to attain additional forward extension of the lateral support pad. The lateral pads can be adjusted medially up to 1½” on both sides of the chair for slighter individuals. The lateral supports can be adjusted towards or away from the chair back within a range of 1”. The lateral support pads can also be angled to meet the users’ needs. Both lateral support pads lock facing forward and behind the backrest.

To release a lateral support pad from the forward position:

1. Grasp one pad bracket at the blue arrow decal and lift up.
2. Once released, rotate the lateral pad to a position behind the back and press down above the decal to lock the pad in place.
3. Repeat for the other lateral support if desired.
4. Check to ensure that the laterals are locked in place before allowing the user to rest against them.

To release a lateral support pad from the rearward position:

1. Grasp the pad bracket near the mounting post and lift up.
2. Once released, rotate the lateral pad around to the front and press down above the decal to lock the pad in place.
3. Repeat for the other lateral support if desired.
4. Check to ensure that the laterals are locked in place before allowing the user to rest against them.



IMPORTANT !

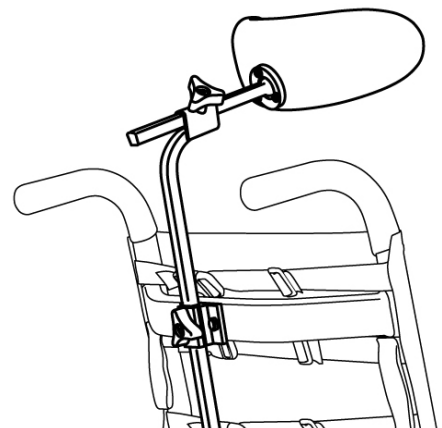
ALL ADJUSTMENTS TO LATERAL SUPPORT PADS (UP/DOWN, MEDIAL/ LATERAL, AND ANGLE) MUST BE PERFORMED BY A QUALIFIED HEALTHCARE PROFESSIONAL. ALL ADJUSTMENTS PERFORMED MUST NOT IMPEDE THE OPERATION OF OTHER COMPONENTS.

2.10 Headrest – All Models

The optional headrest can be ordered with any Raz Shower Chair model. The molded headrest is shaped to cradle the head comfortably and is easy to clean. The headrest can be adjusted infinitely forward and backwards within a 6½” range, and vertically within a 12½” range.

In order to adjust the headrest position:

1. Loosen the bottom triangular knob and adjust the vertical “swan neck” bar to achieve headrest height adjustment.
2. Loosen the top triangular knob and adjust the headrest horizontally for a fore/aft change in position.
3. To change the angle of the headrest itself, loosen (*do not remove*) the three screws on the back of the moulded headrest. Rotate the headrest around the end of the headrest mounting bar to suit the users’ needs and tighten the screws to secure the desired position.
4. Ensure that all knobs and screws are tightened securely for the user’s safety.



2.11 Footrests – All Models

Footrests are available as an option on all Raz Shower Chairs. Footrests are recommended for users who need an extra level of comfort, positioning, or pressure relief in the thighs. For transfers the footrests can be flipped up, rotated away, or removed.

To rotate the footrests out:

1. Lift the footrest hanger tube up slightly to disengage the positioning pins.
2. Rotate the footrests outward or inward depending on preference.

To remove the footrests:

1. Lift the footrests out of the receiving sleeves on the frame completely.

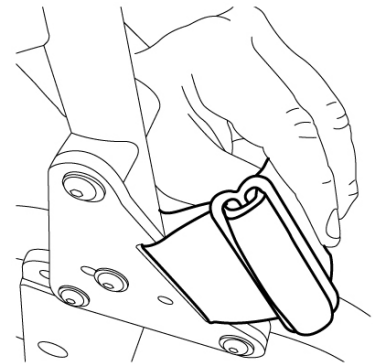
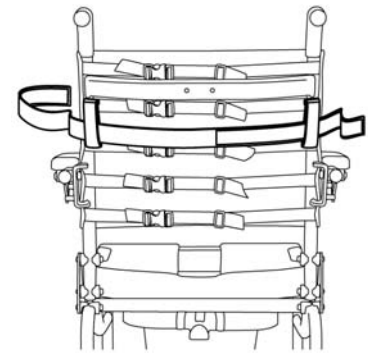
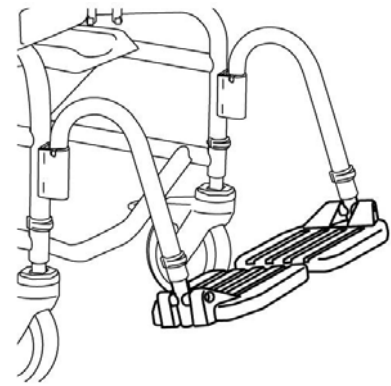
To insert the footrests:

1. With the footplates directed in, place the footrest hanger tubes into the receiving sleeves at the front of the commode frame.
2. If the support tubes are directed forward, the pins on the tubes will engage with grooves in the sleeves and lock in place.

Footrests can be extended for users with longer legs with the footrest extension tube, a 2" longer extension tube that can be ordered as an option for any Raz Shower Chair.

To extend the footrests:

1. Remove the snap-pin from one footrest hanger tube.
2. Reposition the footplate to a length suitable for the user.
3. Insert the snap-pin through the footrest hanger tube and through the inner tube. *Ensure that the snap pin is completely through the tube and that the grey plastic clip is snapped securely around the outside of the hanger tube.*
4. Repeat steps 1 to 3 for the other footrest.



2.12 Chest Strap – All Models

An optional one-piece chest strap can be attached to any Raz model. The back upholstery includes loops that are intended as strap guides.

To install the chest strap:

1. Insert one side of the strap through both back upholstery loops.
2. With the user seated in the chair, thread one end of the strap through the plastic loop on the other end of the chest strap.
3. Secure the strap in front of the user with the Velcro closure.

To adjust the chest strap:

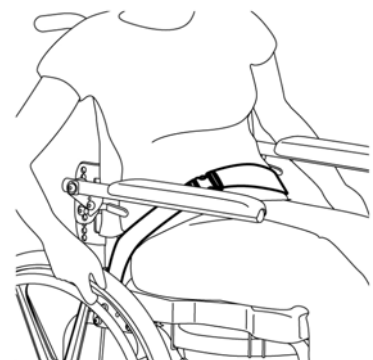
1. Open the Velcro on the strap.
2. Tighten or loosen the strap around the user as needed.

2.13 Pelvic Strap – All Models

An optional two-piece pelvic support strap can be ordered with the shower chair and can be attached to any Raz model. The pelvic strap uses heavy-duty webbing and buckles for one-handed operation.

To install the pelvic strap:

1. Weave the loose end of one strap through the DD-ring and slide the DD-ring several inches from the end.
2. Feed the strap through the slot in the backrest mounting plate – from the inside to the outside and then weave the loose end back through the DD-ring.
3. Repeat steps 2 and 3 for the other side.
4. Adjust the DD-ring and tighten the pelvic strap as necessary. Pull tightly on each strap to ensure that it is secured properly.



2.14 H-Strap – All Models

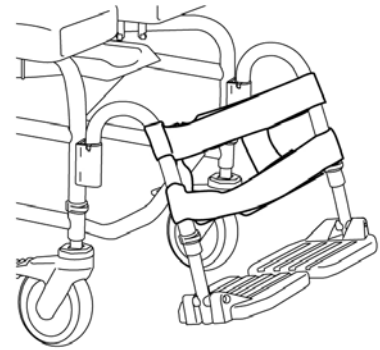
An optional one-piece H-strap can be attached to the footrests on any Raz model. The H-strap is recommended for individuals who require additional positioning for the legs and feet.

To install the H-strap:

1. With the Velcro facing towards the chair, center the strap horizontally between both footrest hanger tubes and wrap the loop Velcro around the tubes until it engages with the hook Velcro.

To adjust the H-Strap:

1. Disconnect the Velcro from the back of the H-strap and adjust to sling or tighten the H-strap to suit the users' needs.
2. Press firmly on the Velcro to secure the H-strap prior to use.

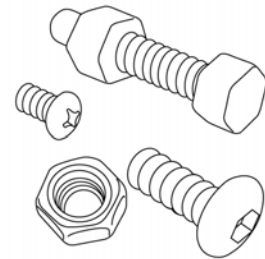


IMPORTANT !

ANY ADJUSTMENTS TO THE CHAIR'S STRAPS SHOULD BE PERFORMED WITH EXTREME CAUTION AS THE USER'S SAFETY IS DEPENDENT ON SECURE POSITIONING STRAPS.

2.15 Fasteners – All Models

All fasteners (locknuts, screws, and washers) should be checked periodically to ensure that they are snug and do not pose risk to the user. All nuts used on your Raz Shower Chair are locknuts or are used in conjunction with a lock washer. Locknuts that are removed for any reason should be replaced rather than re-used. The fasteners should be checked periodically to ensure a secure fit.



IMPORTANT !

A QUALIFIED RAZ DEALER SHOULD BE CONTACTED TO CHECK ALL FASTENERS, CASTER AND WHEEL LOCKS, HARDWARE, AND ALL OTHER MOVING COMPONENTS AT LEAST ONCE PER YEAR.

3.0 CLEANING AND MAINTENANCE

3.1 Cleaning After Each Use

Commode Pan

1. Remove the commode pan and empty contents.
2. Wash the pan with a multi-purpose disinfectant cleaning solution. Use a toilet brush if needed.
3. Rinse well before storage or re-use.

Note: A soapy hot water wash followed by a disinfectant spray can be substituted for a multi-purpose disinfectant cleaning solution

IPAS Seat

1. Spray with a multi-purpose disinfectant cleaner and scrub with a brush if needed.
2. Rinse with a water spray before storage or re-use.
DO NOT immerse the shower chair seat in water or cleaning solutions.
3. For a more thorough cleaning, remove the seat from the shower chair to allow better access to the underside of the seat around the opening or aperture area of the seat.
See section 2.1 for seat removal instructions.

3.2 Cleaning As Needed

Adjustable Tension Backrest Upholstery

1. Remove the plastic buckles and tri-glides from the back upholstery straps, paying attention to how the straps are wound through each component as they are removed.
2. Remove the back upholstery from the back frame and machine wash with a mild detergent in warm water on a normal or gentle wash cycle. Include the H-strap, pelvic and chest straps if they were ordered with the chair and require cleaning.
3. Install the back upholstery and other positioning straps on the chair and allow to dry.
DO NOT dry the back upholstery in a clothes dryer or damage to the upholstery will occur.
4. Install the back upholstery on the back frame and assemble all plastic buckles and tri-glides onto the straps.
5. Adjust the backrest upholstery straps to the desired tension.

Frame, Armrests, Footrests, and Other Components

1. Spray the frame and components with a multi-purpose disinfectant cleaner, and scrub with a soft brush and rinse with water.
2. If necessary, spray the frame and components with a diluted (10 parts water to 1 part solution) calcium/lime removal solution, scrub with a soft brush, and rinse thoroughly with water.
DO NOT mix a calcium/lime remover with any other liquid or toxic fumes may result.

It is recommended that a qualified Raz dealer check over all fasteners and subassemblies on a continuing basis or if there is cause for concern to the shower chair's performance.

It is highly recommended that the rinsing of Raz Shower Chair components occur in a well drained area with an industrial steam cleaner (e.g. Intersteam) or a commercial pressure washer.

Several times each year the chair and its components should be wiped down with a diluted calcium/lime removal solution to reduce deposits, followed by a hot water rinse.

To minimize the risk of mildew buildup the entire chair should be wiped down with a soft dry cloth after the final rinse and before storage or use.

3.3 Suggested Cleaning Products

Task	Recommended Products
General Cleaning	Antibacterial Soap
Tuberculocidal Surface Cleaner and Intermediate Level Disinfectant	Accel TB (Virox Technologies Inc.), SepteFX 7D-11 (Titan Worldwide Inc.)
Calcium and Lime Deterrent	CLR Outdoor Furniture Cleaner

IMPORTANT !

DO NOT USE ABRASIVE POWDERS OR SCOURING PADS ON THE RAZ SHOWER CHAIR.

DO NOT SUBMERGE THE RAZ SHOWER CHAIR IN WATER.

DO NOT USE CLEANING PRODUCTS WITHOUT CONSULTING THE PRODUCTS' INSTRUCTIONS AND TAKING APPROPRIATE PRECAUTIONS FOR HUMAN EXPOSURE TO CHEMICALS DURING CLEANING AND AS A RESIDUE WHEN THE SHOWER CHAIR IS IN USE.

4.0 CONTACTS

It is important that the Raz Rehab Shower Chair be properly assembled and all adjustments be made carefully. Up-to-date manuals can be downloaded from www.razdesigninc.com. For clarification of any section of this manual, contact a local Raz dealer, the Canadian distributor, or manufacturer.

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