

ENGLISH

# *User and Service Manual*

## *Safari Tilt*

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Tilt-In-Space Position Tilting Chairs



READ INSTRUCTIONS BEFORE USING

SAVE THIS BOOK FOR FUTURE REFERENCE

 **Convaid**  
by Etac

# Customer Service Support

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Technical assistance or repair information hours are:

Monday-Friday, 6 a.m. to 4:30 p.m. PST

## Before Calling:

**Please fill in the following. Customer Service will be able to help you more quickly if the information indicated below is readily available.**

**Serial number of chair:** \_\_\_\_\_

**Model of chair:** \_\_\_\_\_

**Date purchased:** \_\_\_\_\_

Notice:

The information contained in this document is subject to change without notice.

No part of this document may be photocopied, reproduced, transmitted, transcribed, stored in a retrieval system or translated to another language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise without the prior written consent of Convoid.

Use only Convoid accessories and parts on Convoid products. Convoid parts are not interchangeable with other manufacturers' products. Replace any worn parts immediately.

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## READ BEFORE USE

Read the user's guide completely before use and fully understand its content. Familiarize yourself with the handling and functions of the product before use and practice them. Any caregiver that is going to operate this chair should also read the user's guide in full.

You are responsible for the safety of the user. The safety of the user could be affected if you do not follow the instructions in this user's guide. Nevertheless, not all possible circumstances and unpredictable situations can be covered by this user's guide. Reason, care, and circumspection are not features of the product; they are required of persons who use the product. If instructions are not clear and further explanation is necessary, please contact your Convaid provider. If you do not follow all instructions and warnings, serious injury or damage to the chair may occur. The latest version of all instructions and product safety notices are available on the Convaid website ([www.etcac.us.com](http://www.etcac.us.com)) and can be printed in larger sizes. Additional video instructions are also available for reference purposes.

## DEFINITION OF SYMBOLS

|   |  |   |   |
|---|--|---|---|
|    | <p>Indicates the need for the user to consult the instructions for use for important cautionary information such as warnings and precautions that cannot, for a variety of reasons, be presented on the medical device itself.</p> |    | <p>This symbol is a mandatory marking for devices entering the European market to indicate conformity with the essential health and safety requirements set out in European Directives. The symbol may be accompanied by a four-digit identification number of the notified body. The vertical dimensions may not be less than 5 mm high.</p> |
|   | <p>Indicates a medical device that need to be consulted with the instruction for user</p>  |  | <p>Indicates the Authorized representative in the European Community.</p>   |
|  | <p>This symbol indicates potential finger entrapment..</p>   |  | <p>This symbol indicates the manufacturer's catalogue number so that the medical device can be identified.</p>  |
|  | <p>This symbol indicates correct lifting points for safe moving and handling.</p>  |  | <p>Indicates the medical device manufacturer.</p>   |
|  | <p>This symbol indicates maximum user's weight.</p>  |  | <p>Indicates the date when the medical device was manufactured.</p>   |
|  | <p>Indicates the manufacturer's serial number so that a specific medical device can be identified.</p>   |   |   |

|   |  |
|---|--|
|  | <p>This symbol indicates a wheelchair which cannot be used in motor vehicle as vehicle seat. This wheelchair does not comply with WC19 (RESNAWC-4:2012 for ISO7176-19:2008) and cannot be used as a vehicle seat to transport the user in a vehicle.</p> |
|  | <p>The Symbol indicates a wheelchair which can be used in motor vehicle as vehicle seat. This wheelchair complies with WC19 (RESNAWC-4:2012 and ISO 7176-19:2008) and can be used as a vehicle seat to transport the user in a vehicle.</p>              |
|  | <p>This symbol indicates the position of an anchor point when using a 4-point tie down system (WTORS) during transit.</p>  |
|  | <p>This symbol indicates conformity with RESNA WC-4 Section 19 requirements.</p>   |

## CHOOSE THE RIGHT CHAIR & SAFETY OPTIONS

There are several options available to meet the needs of the wheelchair user. Make sure that your (and your health care provider's) choice of chair and other added options takes into account the user's comfort, positioning, physical limitations, and hazards that may be encountered during daily use. Operating the manual wheelchair outside of the recommendations provided by the manufacturer can lead to a dangerous situation.

The wheelchair is not suitable for jogging, running, skating or similar activities. Swiveling front wheels tend to wobble at higher speeds and can cause a sudden stop, and the wheelchair can tip over. Use the wheelchair only at regular walking speed. Under no circumstance should you let go of the push handle while pushing.

The durability of this product is five years when it is used with proper care and maintenance according to the user's guide.

Final selection of the type of device and any accessories or adjustments rests solely with the user and their health care provider. Some important factors to consider when choosing a configuration include, but are not limited to:

1. The user's disability, strength, balance, coordination, and ability limitations.
2. Neurological and orthopedic needs of the user.
3. Behavioral factors such as maturity and psychosocial development.
4. All factors should be considered when choosing a chair configuration as this can affect performance and function of the chair.

# Setting Up



## Safari Tilt

| Size | Model No. |
|------|-----------|
| 12"  | SFT12     |
| 14"  | SFT14     |
| 16"  | SFT16     |
| 18"  | SFT18     |



**Caution:**  
Keep fingers  
free of folding  
mechanism.

## Unpacking

Check to see that the following items are included with the chair:

- Left and right footplates or one-piece footplate
- Hex key (5/32)
- Seat cushion
- Accessories as ordered

## Unfolding



Fig. 1

**Step 1** Unfasten closure strap. **Fig. 1**

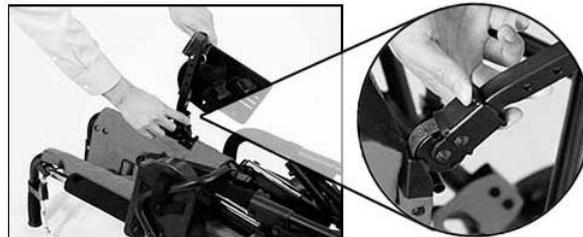


Fig. 2

**Step 2** Pull up on the side locks and raise the elevating legrests until they are at a 90-180 degree angle to the folded chair. **Fig. 2**



Fig. 3

**Step 3** Stand the folded chair vertically on rear wheels. Grasp the push handle closest to you and at the same time push down on the elevating legrests closest to you using a forward motion. **Fig. 3**



**Step 4** Push down with your foot on therear lock brace until it is in the locked position. **Fig. 4**

Fig. 4



**Step 5** Attach the seat cushion by pushing firmly into the back of seat, then pressing down onto Velcro®. **Fig. 5**

Fig. 5



**Step 6** Flip down armrests. **Fig. 6**

Fig. 6



**Step 7** Swing footplates forward, or attach one-piece footplate. **Fig 7**

Fig. 7



**Step 8** To keep closure snap from tangling in the wheel, velcro it onto itself. **Fig 8**

Fig. 8



**Step 9** Apply wheel locks before placing individual into chair. **Fig. 9**

Fig. 9

# Folding



Fig. 10

**Step 1** Place foot on rear lock brace and bring the chair to the most upright position (until you hear a “click”). **Fig. 10**



Fig. 11

**Step 2** Flip up armrests. **Fig. 11**



Fig. 12

**Step 3** Remove seat cushion. **Fig. 12**



Fig. 13

**Step 4** Swing footplates to the side, **Fig. 13** or remove one-piece footplate. **Fig. 14**



Fig. 14



Fig. 15

**Step 5** up on center of brace with foot. **Fig. 15**

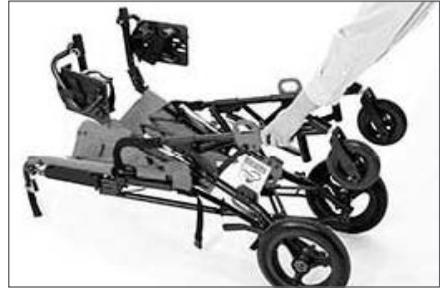


Fig. 16

**Step 6** Lean chair back on push handles and lower chair to ground. Walk to front of chair and push down on tubing above front tires until chair is folded. **Fig. 16**

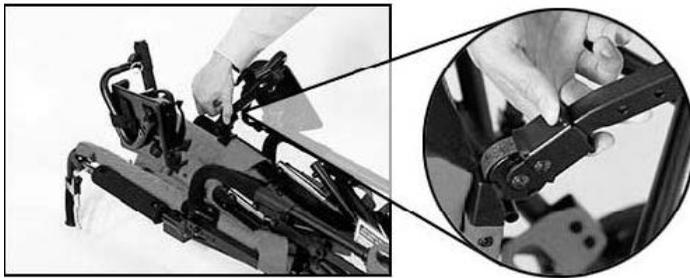


Fig. 17

**Step 7** For a more compact fold, pull up on slide lock and fold the elevating legrests toward the front of chair. **Fig. 17**



Fig. 18

**Step 8** Fasten the closure strap. **Do not use the closure strap to carry.** **Fig. 18**



**Caution:** Keep fingers free of folding mechanism.

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## Tilt and Recline

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### To Tilt:

If chair has both tilt & recline options, release lock by squeezing trigger on left handle. Tilt to desired angle and release triggers. If chair has tilt only, release lock by squeezing trigger on both handles. Tilt to desired angle and release triggers.

### To Recline:

Tilt chair slightly. Release lock by squeezing trigger on right handle. Pull back on both handles and release triggers. Recline option not available on SFT18. **Fig. 19**

**Note:** For optimal use, lubricate the silver tilt tubes (Mechlocks) every 3 months.



Fig. 19

# Fitting Guide

Convaid's lightweight, folding chairs are designed to be more than just a convenient chair. Order the correct size chair by first determining the user's height, weight and seating measurements. Properly fitted, Convaid chairs will provide years of comfortable use. As the user grows, refer back to this Fitting Guide to adjust the dimensions of the chair.

Correct seating and positioning encourage good posture, which in turn aids circulation, breathing and digestion. Please take the time to properly adjust the chair to fit the user. If the user is not correctly positioned, check the accessories section of this manual to see if one or more of our accessories would help to facilitate posture or consult your physical therapist. Improper seating can create problems with posture. Please consult your child's physical therapist or doctor for additional guidance.

## Seat Back Height



Fig. 20

Seat back height varies according to chair type and seat width. Headrest extensions are available when extra height is needed to support the head. To determine the seat back height, measure from the seat to the top of the shoulder or the upper part of the head. **Fig. 20**

## Seat Width



Fig. 21

Proper seat width enables the user to sit comfortably and prevents problems from developing. While user is seated on a flat surface, measure from hip to hip. **Fig. 21**

The user should have enough room to prevent hips and thighs from rubbing against the frame. However, the chair should not be too wide or the user will slide around and posture could be affected.

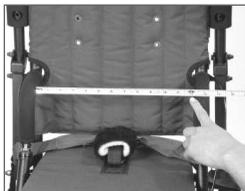


Fig. 22

The seat width measurement is taken from the inside of the armrest tubes. **Fig. 22**

## Seat Depth



Fig. 23

Measure from the most posterior portion of the buttocks to the back of the knee. Subtract from that measurement 1-2" to allow adequate clearance between the seat and the back of the knee.

### Fig. 23

Remove seat cushion from seat fabric. Unsnap the fabric from the back of the seat. Remove screws from adjustment holes on sides of seat frame and slide seat tube to desired position. Reattach screws and snaps and replace seat cushion. **Fig. 24**

**Note:** Do not over tighten.

### Fig.24



Fig. 24

## Armrest Height Adjustment

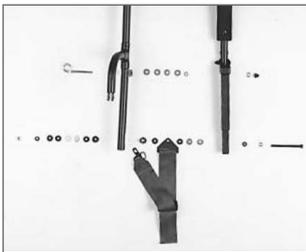


Fig. 25

To attach armrest, remove existing bolts. Attach armrest with the bolts provided. **Fig. 25**

To change height of armrest, remove top mounting bolt, slide armrest up or down as desired. Reattach bolt. **Fig. 26**



Fig. 26

## Seat-to-Back Angle Adjustment

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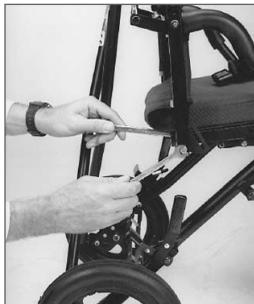


Fig. 27

Partially fold the chair to relieve fabric tension. To change, remove bolt and remount the seat tube using the hole provided in the seat back tube. **Fig. 27**

90° - lower hole

95° - upper hole

**Note:** Be sure to replace the bolt, washers and nut in the same order as removed.

## Positioning Guide

Convaid offers a wide variety of supports to help properly position the user.

**Note:** The user must be fitted correctly into the chair to achieve optimal posture and comfort.

### Three-Point Positioning Belt



Fig. 28

The three-point positioning belt is standard. Adjust so the user stays securely in position. The quick-release buckle joins the crotch strap to both straps.

**To Buckle:**

Slip the metal buckle on the belt strap into the crotch strap clasp.

**Fig. 28**

**To Release:**

Press the red button on the clasp and pull out the buckle.

### Depth Adjustable Crotch Strap



Fig. 29

The crotch strap can be adjusted by threading strap through desired slot. **Fig. 29**

### Cushioned Shoulder Harness



Fig. 30

The cushioned shoulder harness helps the user retain upright trunk position. To adjust, insert the bolt at the end of the strap through the grommet hole in the seat back. Grommet hole choice should be level with or higher than the top of the shoulders. Choose a hole that will keep the user secure without the strap rubbing against the face or neck. Secure the strap with the threaded knob. **Fig. 30**

## Full Torso Swing-Away Support Vest



Fig. 31

Adjustable support vest keeps user in place comfortably and securely. Helps maintain midline seating position and prevent forward slumping. The vest is attached to the chair with straps that wrap around the seat back and connect with Velcro®, and shoulder straps that screw into the seat back. Adjust side straps for proper fit. **Fig. 31**

## Footplate Adjustment

The Safari comes standard with a one-piece footplate, which is non-folding and non-elevating. **Fig. 32**  
Elevating legrests with swing-away footplates are available as an option. **Fig. 33**



Fig. 32



Fig. 33

## Seat-to-Footplate Height Adjustment

Seat-to-footplate height is measured from the back of the knee to the bottom of the heel. Feet or heels should rest comfortably on top of footplate. **Fig. 34** Pull out metal pin. Slide foot support to desired height. Return pin to locked position. **Fig. 35**



Fig. 34



Fig. 35

## Footplate Depth Adjustment



Fig. 36

The tilt-in space frame offers adjustable footplate depth. Use a hex key to loosen the two bolts located on the top of the footplate.

Slide footplate forward or rearward to desired depth. Retighten bolts. **Fig. 36**

## Leg Rest Adjustment



Fig. 37

Pull down on slide lock. Swing legrest to a desired position and release slide lock. Ensure that the lock is engaged. **Fig. 37**

## Foam Wedge

Use wedge to modify seating or positioning or to correct posture. **Fig. 38-41**



Fig. 38



Fig. 39



Fig. 40



Fig. 41

## Angle Adjustable Footplates

Angle adjustable footplates can be moved fore and aft, sideways, and rotated vertically and horizontally. To adjust the angle, loosen the bolts on the footplate and move to desired position. Retighten the bolts. **Fig. 42 – Fig. 45**



Fig. 42

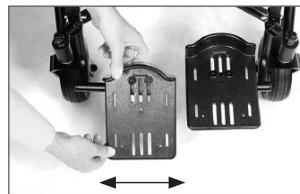


Fig. 44



Fig. 43

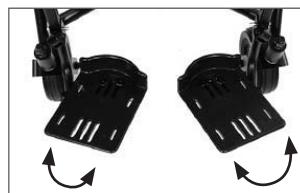


Fig. 45

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## Foot Positioner

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The foot positioner holds the foot securely in place. **Fig. 46** To attach, thread strap through footplate as shown in **Fig. 47**, then bolt strap to underside of footplate.



Fig. 46



Fig. 47

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## Footplate Secure Strap

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Fig. 48

The securement strap holds individual footplates together to prevent them from flipping up and down. To secure the footplates, buckle the left and right strap together. **Fig. 48**

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## Calf Panel

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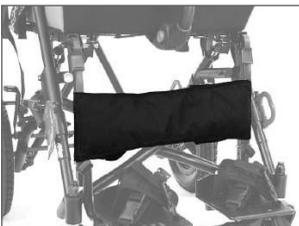


Fig. 49

Provides padded support for the lower legs. **Fig. 49**

## Anatomic Back Support Frame



Fig. 50

The anatomic back support frame stabilizes the neck and head in a functional position to assist the development of neck and head righting reflexes. The anatomic back frame is optional from the factory and must be ordered with the chair. Removable, reformable stiffeners are located inside the fabric seat back. Stiffeners easily pull out for custom forming with a heat gun. **Fig. 50**

## Swing-Away Lateral Support with Scoliosis Strap



Fig. 51

### Single Flap

Adjustable trunk support stabilizes the trunk and maintains midline positioning. It can be pulled to one side for scoliosis correction if used with scoliosis strap. Scoliosis strap comes standard with all trunk supports. **Fig. 51**

The trunk support is attached to the chair with straps that wrap behind the seat back and connect with Velcro®. **Fig. 52**



Fig. 52

Support is achieved by pulling each triangular flap toward the appropriate side, then securing it by wrapping the strap around the frame and attaching with Velcro®. The two flaps can also be wrapped around the child's torso and joined in the middle.

### Double Flap

One set of triangular flaps locates the midline positioning. The second set of flaps wrap around the trunk for stabilization. The scoliosis strap can be used to pull the torso to either side. **Fig. 53**



Fig. 53

## Lateral Thigh Support (Adductor)



Fig. 54

Pulls thighs together, improving hip alignment and stabilizing seating position. Degree of adduction can be varied and can favor one side. Fold the adductor flaps over the thighs, wrap the straps under and around the armrest tube and attach with buckle. **Fig. 54**

The adductor is attached with Velcro® under seat tubes.

## Medial Thigh Support (Abductor)



Fig. 55

Separates thighs to improve hip alignment and stabilize sitting posture. Degree of abduction can be varied and can favor one side. The abductor flaps wrap over the user's thighs from the inside to the outside. The straps buckle around the seat tube or the armrest. They can also be wrapped around the armrest tubetwice for high tone children. **Fig. 55**

The abductor is attached with Velcro® under seat tubes.

## Heavy-Duty Reinforced Upholstery



Fig. 56

Heavy-duty, reinforced, padded seat and seat back come with pockets which have removable plastic stiffeners. Use when extra firmness is required. Stiffeners easily lift out of pockets for custom-forming with a heat gun. **Fig. 56**

## Padded Headwings

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Fig. 57

Adjustable padded headwings provide soft foam support for midline positioning. **Fig. 57** The padded insert can be attached at any height by wrapping the straps around the frame and securing at the back of the chair. Secure headwing height by tying laces to the chair frame, headrest extension or through the grommet holes in the back of the seat fabric. **Fig. 58**



Fig. 58

## Headrest Extension

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Fig. 59

Headrest extension fits easily into sockets on seat back. Fold chair slightly. Move rubber grommets on the mounting posts to adjust height of seat back extension. **Fig. 59 & 60**



## Sensiform Seat Cushions

The Convaid Sensiform™ Cushions provide excellent support, stability and comfort for a variety of seating and positioning needs. Each cushion is easy to clean and maintain. **Fig. 61**

Layer 1: The rigid wooden insert creates an excellent foundation for postural support.

Layer 2: High quality polyurethane foam resists deterioration, is not temperature sensitive, and retains support for stability and comfort.

Layer 3: The soft, easy-to-clean Neoprene/Darlexx® cover features omnidirectional stretch that helps redistribute pressure and protect against shear forces. Darlexx®, used for the seating surface, is a breathable and moisture resistant fabric, while Neoprene trim complements the chair color.

**Note:** The cover should always remain in place during use to protect the foam.

Darlexx® Cover  
(layer 3)

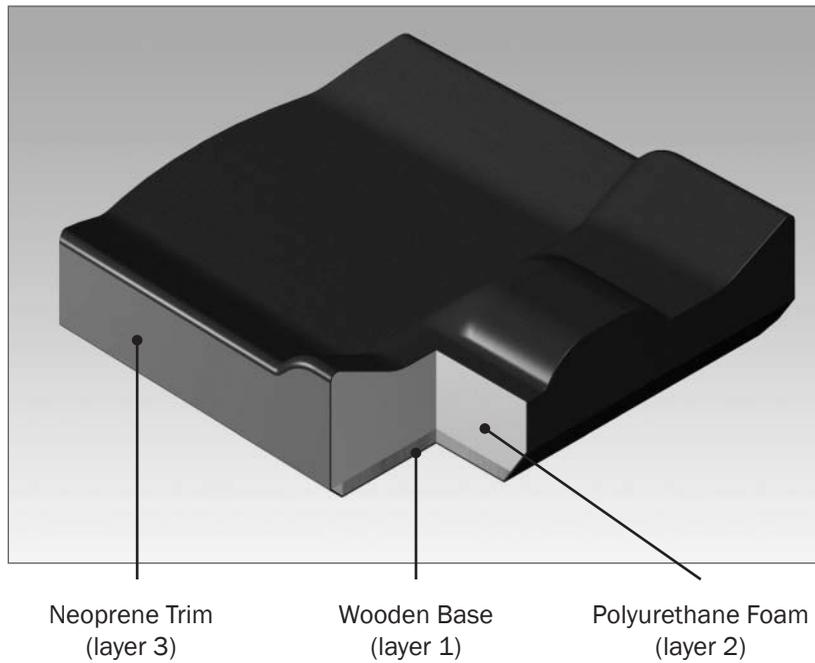


Fig. 61

## Cushion Types

### Safari Support: General Use Cushion

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Fig. 62

Flat foam with wooden insert. **Fig. 62**

- Promotes stability and posture control and provides comfort for the user.
- Waterfall front eliminates pressure points at the back of the knees.
- Cost effective cushion choice.

### Safari Position: Medial Thigh Support and Anti-Thrust Cushion

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Fig. 63

Contoured foam with wooden insert. **Fig. 63**

- Medial thigh support helps position the legs out of adduction and into better alignment, which can provide for improved weight-bearing balance and stability.
- When used with a lap belt, the 1" antithrust shelf in front of the ischials helps eliminate sliding or thrusting forward of the pelvis. This provides improved stability and reduces sacral sitting.

### Safari Align: Lateral Pelvis and Thigh Support Cushion

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Fig. 64

Contoured foam with wooden insert. **Fig. 64**

- Contoured edges provide lateral pelvic and thigh positioning to reduce lateral movement of the pelvis and improve lower extremity stability.
- Increased surface contact for better weight distribution.

## Fitting

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The fitting of the cushion should be done by an experienced clinician. When fitted correctly, the cushion will help provide stable support and promote good posture. Consult the clinician for questions regarding individual needs.

While in the seated position, select the cushion size to match the user's hip width. The cushion length should equal the distance from the back of the buttocks to the back of the knees (plus 1 inch).

1. Place the cushion to the back of the wheelchair with the material identification tags towards the rear. Position the hips to the back of the seat. The ischials (seat bones) should be centered on the seat well of the cushion.
2. Align the Velcro strips with those on the wheelchair seat. Secure the cushion in place.
3. Adjust the wheelchair footrest height so that the user's legs rest firmly but comfortably on the cushion. Proper footrest adjustment will enhance sitting comfort and help lower peak sitting pressures.



### CAUTION

Installing a cushion on a wheelchair may affect the center of gravity and cause the wheelchair to become unstable, potentially resulting in injury. Prior to use, assess the stability of the wheelchair by sitting in it with the cushion attached.

Ensure the cushion's Velcro is in good condition and is aligned properly with the Velcro on the wheelchair seat. Make sure the cushion is firmly attached. An improperly attached cushion may cause sliding, potentially resulting in injury.

Changes in the user's condition or growth, or changes in wheelchair equipment or accessories may require reassessment by a clinician to ensure proper cushion fit and suitability. Skin should be constantly checked by the user's caregiver for any signs of reddened areas or skin sensitivity. These areas should be brought to the attention of a clinician. The clinician should also assist the family with assessing the cushion for any possible areas that have bottomed out.

# Accessories

## Upper Extremity Support Surface (Tray)

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Fig. 65

1. Depress spring button on underside of armrest until tray mount pops out. **Fig. 65**
2. Grasp tray mount and extend until locked into position. You may need to turn the tube slightly to snap the spring button into the hole. **Fig. 66**
3. Holding tray in both hands, squeeze black handles and slide onto ends of tray mount. **Fig. 67**

**Note:** For trays purchased after the chair, remove plastic cap at end of armrest tube before inserting tray mount tube.



Fig. 66



Fig. 67

## Headrest Cover (Canopy)



Fig. 68

### Installing Canopy

**Note:** Partially fold chair before installing canopy.

1. Move rubber spacers to adjust height of the canopy.
2. Insert into socket rod. **Fig. 68**

### Folding Canopy:

1. Peel back fringe of canopy. Fig. A
2. Push down on pivot to begin fold. Fig. B
3. Complete fold. Release knob and fold down metal rods. Fig.C



Fig. A



Fig. B



Fig. C

## Utility Bag



Fig. 69

The Utility Bag is for storing essential items. It attaches to the back of the chair, and can be removed and converted to a tote bag. To attach bag to chair, hook clasps onto rings. **Fig. 69 & Fig. 70**



Fig. 70

# Transit Models



**Caution:**  
Convaid belts and shoulder straps are for positioning only and are not to be used as a vehicular restraint.

All Transport models have been crash tested and performed satisfactorily at 30 mph / 20 g deceleration.

Dummy weights as tested:

### Safari Tilts

|                    |                 |
|--------------------|-----------------|
| Model SFT12T ..... | 66lbs / 30kg    |
| Model SFT14T ..... | 100lbs / 45.5kg |
| Model SFT16T ..... | 170lbs / 77kg   |
| Model SFT18T ..... | 170lbs / 77kg   |

To reduce possibility of injury, the headrest extension must always be used with the chair.

The following instructions should be followed to duplicate test results:

1. Chair is to be forward facing with tray removed.
2. Use a tested, proven and compatible 4-point wheelchair tiedown system and a 3-point occupant restraint system in accordance with SAE J2249.
3. The wheelchair tiedown straps are to be securely attached from the vehicle floor points to anchor points on the chair. All Convaid anchors are clearly identified by their red color.
4. The occupant restraint system must include a lap belt anchored on the wheelchair or on the wheelchair tiedowns, and a shoulder belt anchored to the vehicle wall/roof and lap belt anchor point.
5. All floor tiedown straps must be tightened to eliminate any forward/aft movement of chair.
6. Restraint manufacturer's instructions are to be followed closely.
7. Tilt model chairs must be transported with the seat in an upright position, except for medical necessity, when the maximum position must be within 30° of vertical.

## WTORS Manufacturers

Convaid is a wheelchair manufacturer and does not offer wheelchair tiedown and occupant restraint systems (WTORS). However, products that comply with current WTORS standards can be obtained from the following companies that specialize in crash-tested WTORS:

Q'Straint, Sure-Lok, Unwin and Ortho Safe specialize in crash-tested tiedown systems and are in no way associated with Convaid.

### Ortho Safe Systems

P.O. Box 9435  
Trenton, NJ 08650 U.S.A  
(609) 587-9444

### Sure-Lok

400 S. Greenwood Ave. #302  
Easton, PA 18045  
U.S.A (866) 787-3565

### Q'Straint

5553 Ravenswood Rd. #110  
Ft. Lauderdale, FL  
33312 U.S.A  
(954) 986-9987

### Unwin Safety Systems

Unwin House  
The Horseshoe Coat Road,  
Martock, TA12, 6EY U.K.  
(44) (01935) 827740

## Fabric Removal

Partially fold the chair to relieve fabric tension (see fold instructions on page 3).

**For the seat:** Using a Philips screwdriver, remove two screws at the end of each seat tube, and take off the upholstery. **Fig. 71**

**For the seat back:** Unfasten the snaps located on top of the seat back. Remove the retaining rubber rings from fabric rods, pull the rods out of the eye bolts and remove upholstery. **Fig. 72**



**Fig. 71**



**Fig. 72**

# Miscellaneous Wheels

## Locking and Unlocking

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Fig. 73 Locked

### Hand Wheel Locks

To lock, pull down on handle. **Fig. 73**

To release lock, pull up on handle. **Fig. 74**



Fig. 74 Unlocked

# Specifications

Safari Tilt wheels come standard with 6” and 11” solid tires. When ordering replacements, please have the following information available:

- Chair model and size
- Wheel size
- Tire type - ribbed or knobby

## Pneumatic Tire Sizes:

|                                     |   |
|-------------------------------------|---|
| <b>Size: 6”</b>                     | <b>Size: 12 1/2”</b>                    |
| Dimensions:<br>1 1/4” x 6”<br>Front | Dimensions:<br>1 1/4” x 12 1/2”<br>Rear |

## Solid Tire Sizes:

|                                     |                                 |                                     |                                     |
|-------------------------------------|---------------------------------|-------------------------------------|-------------------------------------|
| <b>Size: 6”</b>                     | <b>Size: 6”</b>                 | <b>Size: 11”</b>                    | <b>Size: 12 1/2”<br/>Knobby</b>     |
| Dimensions:<br>1 1/4” x 6”<br>Front | Dimensions:<br>2” x 6”<br>Front | Dimensions:<br>1 1/4” x 11”<br>Rear | Dimensions:<br>2” x 12 1/2”<br>Rear |

See wheel for size and dimensions.

## Wheel Lock Adjustment

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Fig. 75

Set wheel locks to locked position. Push chair with light pressure on the rear wheels. If wheel rotates, adjust tension by turning the adjustment nut until wheels no longer rotate while locked. **Fig. 75**



**Caution:** Wheel lock adjustment should be inspected periodically.

## Anti-Shimmy

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Fig. 76

If the front wheels develop a shimmy, use a wrench to tighten the stem nut. Adjust the stem nut clockwise until the shimmy disappears. **Fig. 76**

# Important Information

## Maintenance, Operating & Safety Instructions

- READ ALL INSTRUCTIONS BEFORE USING THE PRODUCT
- ALWAYS FOLLOW THESE SAFETY INSTRUCTIONS
- SAVE SAFETY INSTRUCTIONS FOR FUTURE REFERENCE

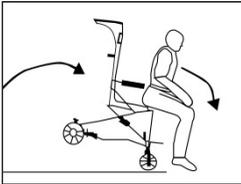


Fig. 77

- For user safety, the seat belt should be fastened at all times.
- Do not leave user unattended.
- Do not strap user too tight.
- Always apply wheel locks before letting go of the chair.
- If front edge of seat is at or forward of the point where tires touch the floor, avoid using front of seat tubes for support during entry or exit from chair to prevent tipping.
- Avoid using foot supports for weight support during exit or entry of the chair.

### Waste Disposal

The shipping carton should be kept for possible return to the manufacturer/service facility for repair or maintenance. Other paper packaging waste should be set aside for recycling. For disposition of replaced parts or the complete chair, the materials should be separated into: plastic, rubber, steel, aluminum, etc., and set aside for recycling.

### Suitable Environment

The chair is intended for both indoor and outdoor use. If the chair is used in the rain, the excess water should be wiped off with a soft cloth. If the chair is splashed with mud or corrosive substances like salt water or road salt, the chair should be washed clean with water, wiped dry and a hypoallergenic and biodegradable lubricant reapplied to the moving parts. Contact with seawater should be avoided, as it will corrode areas that cannot be washed clean. When going from outside to inside, clean any excess dirt or mud from the wheels to prevent soiling of inside environment.

### Safety Instructions

- Follow folding/unfolding instructions.
- Never leave occupied chair unattended.
- Do not attempt to take occupied chair up or down stairs, escalators, steep inclines, icy or slippery surfaces.
- When transferring user to or from chair, apply wheel locks.
- To avoid tipping, do not overload the chair, or hang heavy items on the push handles.
- Frequently inspect the adjustments on the frame and the positioning accessories (see maintenance chart).

**IMPORTANT INFORMATION**

- Do not use chair after occupant has outgrown it.
- Do not ignore minor malfunctions and maintain the chair in good operating condition. Monitor the wheel locks (brakes) regularly (see maintenance chart).
- If and whenever possible and feasible, the rider should transfer out of the chair and into an approved vehicle seat and passenger restraint system.
- However, if a transfer is not possible, use only WC19 compliant chairs in a moving vehicle which contain the Wheelchair Tiedown and Occupant Restraint Systems (WTORS).
- Work with your health care advisor to learn safe transfer and lifting methods.
- Have someone help you until you know how to do a safe transfer of the dependent on your own.
- Move your user's mobility device as close as you can to the location you are transferring to.
- Rotate the front casters until they point forward.
- Engage the parking brake before you transfer. This keeps the device stable during the transfer.
- When transferring a user into the device, make sure they are placed as far back onto the seat surface as possible. This will reduce the risk that the mobility device will tip over and/or move away from you.

 **WARNING:** If the user reaches or leans it will affect the center of balance of the mobility device. This may cause a fall or tip over.

 **WARNING:** NEVER allow the user to reach or lean if they must rise up off their seat for the action.

 **WARNING:** If the user must reach, move the mobility device as close as you can to the object, and rotate the front casters until they are as far forward as possible. **Note:** To do this: Move your mobility device past the object that the user might want to reach, then back up alongside it.

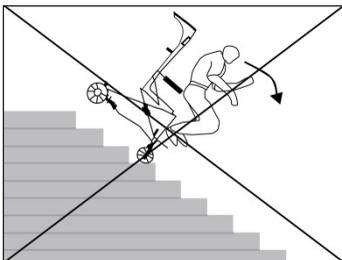


Fig. 78

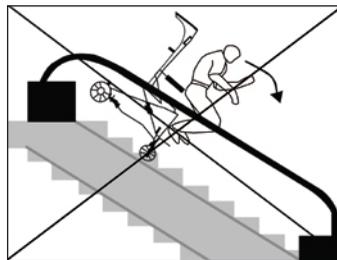


Fig. 79

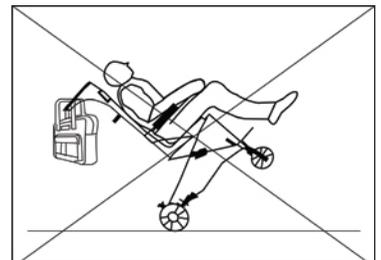


Fig. 80

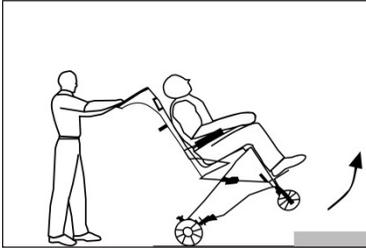


Fig. 81

When going up a curb or step, face forward and tilt the chair back to lift the front wheels over the curb. Move forward and lift the rear wheels over the curb. The Flyer curb clearance is 2.5" (63.5mm), the curb clearance with the storage basket is 2.2" (64mm). **Fig. 81**

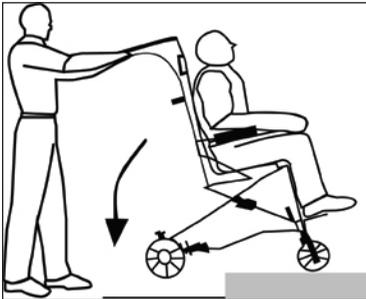


Fig. 82

When going down a curb, approach the curb backwards. Lower the rear wheels down the curb and continue backwards, taking the weight off the front wheels so they can be gently lowered. **Fig. 82**

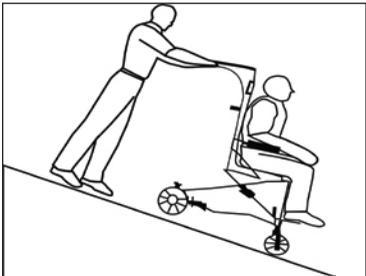


Fig. 83

Maintain control of the chair at all times while going up/down ramp. Avoid steep slopes, particularly with a heavy occupant. If in doubt, do not proceed unless a third party is present to help maintain control of chair. **Fig. 83**

## User Maintenance

The following maintenance procedures should be conducted on a regular basis: examine your Convaid product visually from time to time for possible wear and tear. Teflon™ spray\* should be applied to frame and moving parts to maintain easy folding and adjustment.

- a) Axles and Moving Parts: Axles and moving parts should be wiped off weekly with a slightly moist cloth, to remove dust, dirt and mud. Sparingly apply a high quality Teflon™ spray\* after each cleaning.
- b) Do not use WD-40, silicone sprays or other lubricant sprays as they will attract dust and dirt.
- c) Repair or replace loose, worn, bent, missing or damaged parts before using the chair!

\* Use a non-toxic, hypoallergenic lubricant for all moving parts of the frame.

**IMPORTANT INFORMATION**

| <b>Check for functionality and/or damage of the following:</b> | Weekly | Every 3 months | Every 6 months | As necessary |
|--|--------|----------------|----------------|--------------|
| Rims and tires   | •      |                |                |              |
| Wheel lock and hand brakes                                     | •      |                |                |              |
| Accessories  | •      |                |                |              |
| Front and rear wheel axles                                     | •      |                |                |              |
| Cleaning & lubricating all moving parts*                       | •      |                |                |              |
| Belts, zippers and Velcro® closures                            |        | •              |                |              |
| Seat/back upholstery**/tautness                                |        | •              |                |              |
| Armrests & foam (cushioned parts)                              |        |                | •              |              |
| Frame  |        |                | •              |              |
| Contacting a Convaid Dealer for service or repair***           |        |                |                | •            |

\* Use a non-toxic, hypoallergenic lubricant for all moving parts of the frame. Do NOT use WD-40 or other silicone based spray as a lubricant.

\*\* Follow cleaning instructions for appropriate user hygiene.

\*\*\***NOTE:** Repair or replacement of non-removable, worn or broken parts must be performed by a qualified service facility.

**Cleaning and disinfection**

To prevent the spread of germs, clean all skin contacting areas with disinfectant wipes regularly. Keep frame dry and apply a non-toxic, hypoallergenic and biodegradable lubricant to all moving parts. After longer storage periods, and before further use, the entire chair needs to be serviced, cleaned, and disinfected.

**Cleaning of frame**

Frame is to be kept dry and free of dirt and should be wiped off with a non-toxic, hypoallergenic and biodegradable wipe. Lubricant should be applied to moving parts as needed to maintain easy folding and adjustment.

Corrosive substance such as salt water should be avoided at all times. If exposed the frame should be wiped off with a moist towel as soon as possible. Water and a soft cloth are sufficient for basic cleaning.

**Cleaning of wheels and brakes**

Wheels and brakes should be kept free of dirt or mud after each use. Foreign objects could cause interference with moving parts. Wipe wheels and brakes with a moist cloth as needed and readjust brakes if needed.

**IMPORTANT INFORMATION****Cleaning of fabric cover**

Seat and back upholstery can be easily removed, washed, air dried and reattached to the chair. Use standard detergent to wash fabric.

Cushioned parts can also be removed from chair, washed or wiped off with a moist cloth. Before reattaching them to the chair, make sure they are completely dry. Use mild detergent to wash fabric. Use gentle cycle and cold water. Hang Dry.

Parts that are permanently attached may be wiped thoroughly with a moist cloth. Allow sufficient time to dry before placing user in chair.

**Storage**

Store your chair in a clean, dry area and avoid extended exposure to heat or moisture. After extended storage periods, and before reuse, the entire chair needs to be serviced, cleaned and disinfected.

**Re-use**

Your Convaid chair should undergo wipe-down disinfection before re-use.

Please use a non-toxic, biodegradable disinfectant solution suitable for surface disinfection. Please check the following components for intactness before operation (see MAINTENANCE CHART).

Repair or replace if necessary:

- Wheels (tread pattern), air pressure if applicable
- Frame
- Seat and back upholstery
- Wheel lock operation
- Bearings and axles: check wear and tear/lubrication
- Straight-running stability of wheels attachments

**Repairs**

Caregiver/Dealer: The caregiver or dealer can replace easily removable parts or accessories, e.g. foot supports, heel loops, all fabric items, hand grips, etc.

Manufacturer/Service Facility: Repair or replacement of permanently attached, worn or broken parts must be performed by a qualified service facility. Any individual part of the chair can be replaced. Contact the manufacturer/service facility for needed repairs. The chair should be packaged in the original or suitable shipping carton for return to the manufacturer/service facility. Ship via UPS.

## IMPORTANT INFORMATION

### Tools Required

- Tools needed include 3/8", 7/16", 3/8" or 2 adjustable wrenches with 3/4" capacity, Phillips head screwdriver 5/32"
- Allen wrench (included)

### Spare Parts

If you need any spare parts for your chair, please visit or call the Convoid service dealer you purchased this chair from. If the part is not under warranty, you will receive an estimate of the cost and, if necessary, shipping instructions for the return of the chair for repairs.

### Functional Tests

All four wheels should make contact with the floor. With the chair empty, push it forward on a smooth level surface with enough momentum to travel six feet (2 m). The chair should not veer to the left or right more than six inches (150 mm). Wheels should be free running. Following the fold/unfold instructions; the chair should fold/unfold smoothly without undue effort. All fasteners should be secure. Fasteners on moving joints should not be overtight. Seat fabric should not be wide-stretched or sagging. Positioning accessories should be correctly adjusted and secure.

### Convoid Service Dealer

Please record the Convoid Dealer from which you purchased your chair:

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Website: \_\_\_\_\_

Contact: \_\_\_\_\_ Email: \_\_\_\_\_

Serial #: \_\_\_\_\_

Or contact Convoid Customer Service at  
844 US Mobility (844-876-6245) (+1-310-618-0111) or  
convoidsales.us@etac.com



# Warranty

Convoid warrants to the original retail purchaser of the Convoid product, that if any part thereof proves functionally defective in material or workmanship within the specified warranty period, such defective part will be repaired or replaced (at Convoid's discretion) free of charge. Warranty service may be performed by Convoid service center or (at Convoid's discretion) the factory.

## Warranty Period

Mobility base.....Lifetime of original retail buyer  
Other components.....One year  
Fabric & webbing.....One year

This warranty does not cover normal wear and tear or damage caused by accident or misuse. To exercise this limited warranty, the user should first obtain a Return Authorization Number from Convoid's customer service. The product must be delivered charges pre-paid (UPS recommended) to the factory or to an authorized service center, together with a copy of the original invoice, the Return Authorization Number and a written description of the problem.

THIS LIMITED WARRANTY EXCLUDES ANY CLAIM FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. ANY IMPLIED WARRANTY APPLICABLE IS LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO THE USER. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE THEREOF. This warranty gives the user specific legal rights and the user may have other rights that vary from state to state. Warranty applicable in USA only, may vary in other countries.



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