

# Quickie® Tension Adjustable Upholstery (TAU)

**NOTICE:** This manual contains important instructions that must be passed on to the user of this product. Please do not remove this manual before delivery to the end user.

**SUPPLIER:** This manual must be given to the user of this product.

**USER:** Before using this product, read this entire manual and save for future reference.

**WARRANTY REGISTRATION:** Visit [www.SunriseMedical.com](http://www.SunriseMedical.com) to register this product.

Owner's Manual

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Sunrise Medical recommends that a clinician such as a doctor or therapist experienced in seating and positioning be consulted to determine if Tension adjustable Back Upholstery is appropriate. Backs should only be installed by an authorized Sunrise Medical supplier.

**A. INTRODUCTION: TENSION ADJUSTABLE BACK UPHOLSTERY**

Tension Adjustable Upholstery is designed to provide the important benefits of a proper back support for a wide variety of users. It provides simple, comfortable and effective support to help maximize function and increase sitting tolerance. In addition, it is light-weight, durable and easy to use.

Maximum user weight:

- 300 lbs. (136 kg) for sizes 12" to 21" widths
- 500 lbs. (227 kg) for sizes 22" to 26" widths

**⚠ WARNING**

Installing a back support on a wheelchair may affect the center of gravity of the wheelchair and may cause the wheelchair to tip backwards resulting in injury.

Always assess the potential need for anti-tippers or amputee axle adapter brackets to be added to the wheelchair to help increase stability.

**⚠ WARNING**

Do not use Tension Adjustable Back upholstery, cover, or straps to push, lift or move the wheelchair. Improper use may cause the back to unexpectedly detach from the wheelchair.

**B. MAINTENANCE**

Sunrise recommends that the strap assembly be checked for wear and tear every 6 months. Contact your authorized Sunrise Medical supplier immediately to replace any broken components. Do not continue to use the system after identifying loose or broken components.

**C. EASY CLEANING**

NOTE - When disassembling the back for cleaning, note the position and orientation of the strap assembly and cover for correct reassembly.

Outer Cover and Strap assembly.

1. Spot clean or hand wash in cold water with mild detergent. Dry flat and away from direct sunlight before re-use or storage.
2. DO NOT bleach, iron, or dry clean.
3. To extend the life of your fabric, keep it clean and do not leave it in direct sunlight for long periods of time.
4. DO NOT fold or store the fabric if it is damp or wet, or store in a wet environment.
5. Wipe down the strap assembly as needed using light soap and warm water.

ATTENTION- Do not machine wash the strap assembly.

If you have any additional questions regarding cleaning procedures, please contact your authorized Sunrise Medical dealer.

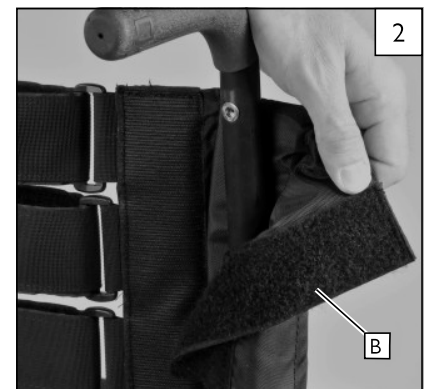
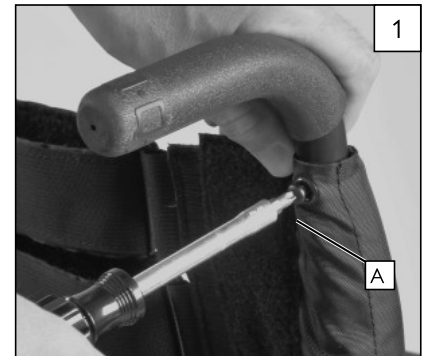
**D. INSTALLING STANDARD TENSION ADJUSTABLE UPHOLSTERY** 1 2

1. Remove the old upholstery
  - a. Remove upholstery screw(A) at the rear of the backrest frame on both sides of the chair. Unfasten the uppermost velcro strap if possible, and remove the upholstery.
  - b. Unfasten the Velcro® backtube wrap(B) on both sides, and remove the old back pad or back sling components.
  - c. In some cases the old upholstery includes padded straps that are still attached to the back canes after the main back upholstery has been removed. To remove the straps, remove the hardware that holds the push handles/back canes to the frame of the wheelchair, and remove the push handles.
  - d. Slide the straps and/or padded straps off of the back canes.

Laundry care symbols



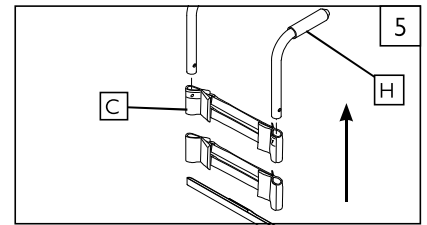
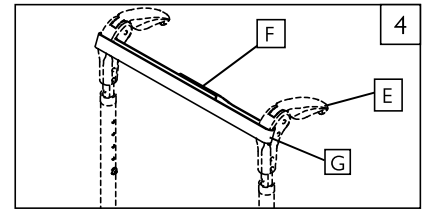
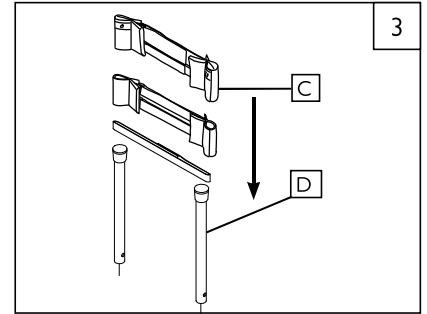
Do not Dry clean, Bleach, or iron.  
EXO upholstery.



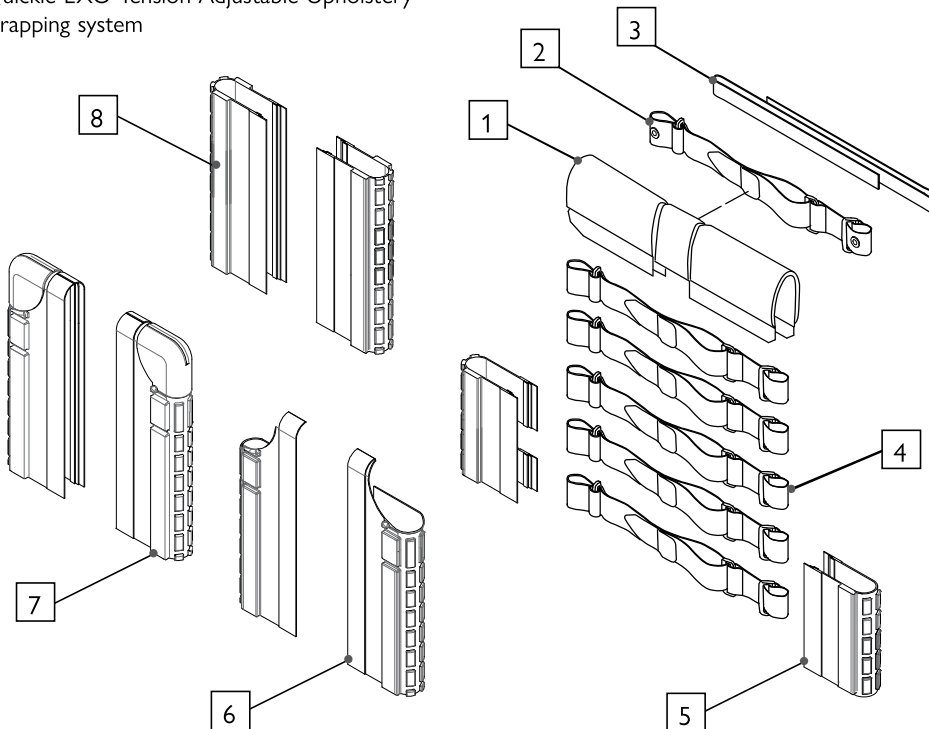
NOTE - The back canes may need to be removed from the chair to install Tension adjustable upholstery in this configuration.

Important- Note the height of the back canes and push handles, and make sure that when the new strap assembly is installed, it is at the same position in relation to the top of the back as the old upholstery.

2. Installing standard Tension Adjustable Back Upholstery with no push handles 3
- a. Slide the Velcro® padded straps (C) over the backrest frame (D). Make sure to include at least one strap below the towel bar (if using a rigid chair).
  - b. Tighten the straps appropriately to desired tension level. DO NOT over tighten straps as this will cause undue strain upon the chair backrest frame.
3. Installing Standard Tension Adjustable Back Upholstery with push handles 4 5
- a. If using folding handles (E), insert the single Velcro® strap (F) through the slots in the front of the push handles (G).
  - If using Integral push handles (H), slide padded straps(C) from bottom of backrest upward.
  - b. Install backrest cover at desired level and fold over rear of Velcro® strapping system. The Quickie patch should be upright on the rear of the chair.
  - c. Finish installation by placing vanity flap (center panel) down onto Velcro® on the seat sling to secure attachment.



Quickie EXO Tension Adjustable Upholstery strapping system



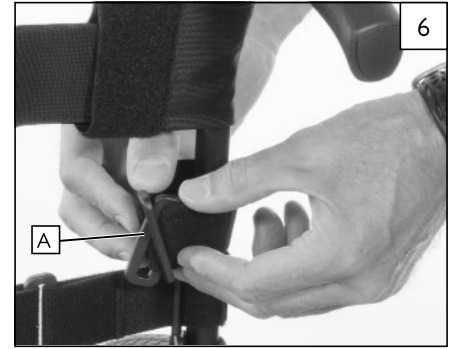
1. Backrest pad (small or large)
2. Backbelt with grommet (Integral push handle)
3. Backbelt (Folding push handle)
4. Back support (Strap assembly)
5. Side pad (Bottom)
6. Side pad (Folding push handle)
7. Side pad (Omit push handle)
8. Side pad (Integral push handle)

E. INSTALLING EXO TENSION ADJUSTABLE BACKREST STRAPS

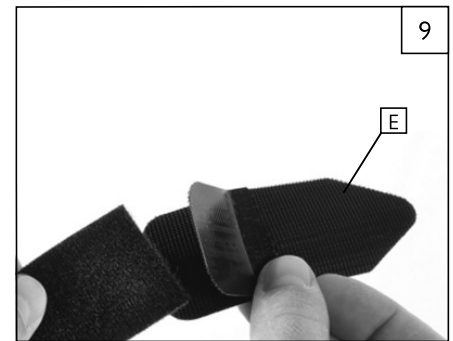
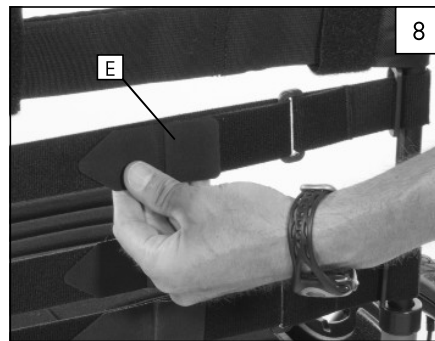
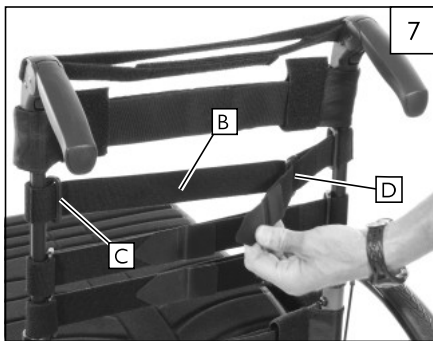
1. Remove the old upholstery See Section D1-(Remove the old upholstery)

2. Installing the EXO backrest straps

- a. From the rear of the chair, attach the short side of the backrest strap by wrapping it around the right backrest tube and threading the backrest buckle(A) thru the other buckle on the strap (Fig. 6).
- b. Attach the long side of the backrest strap(B) by wrapping it around the left backtube, and threading the end thru the plastic buckle(C) (Fig. 7).
- c. Thread the long backrest strap through the short one as shown(D)(Fig. 8)
- d. Pull the long strap tight, and check the length of the strap. The end piece of the strap should fasten close to the middle of your backrest. Most backrest straps are cut to the correct length but some may require you to remove the alligator end (E) and cut the strap to the correct length (Fig. 9).

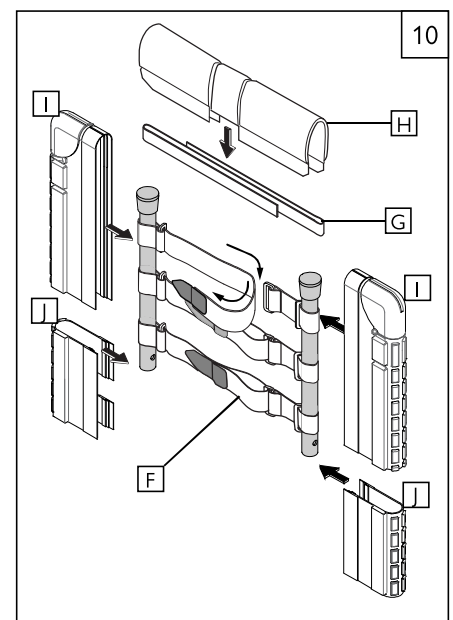


3. Installing EXO with no Push Handles 10



Be sure to remove all of the old upholstery before installing the new upholstery.

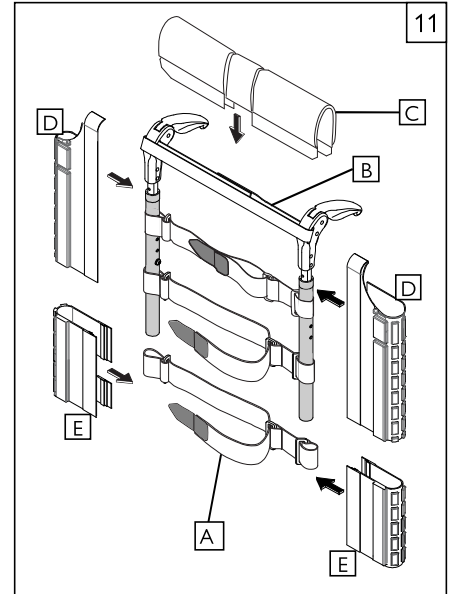
- a. Start by selecting the padded and unpadded straps that you will use. Adjust the length of the straps to roughly fit the width of the back canes by unfastening the velcro and adjusting in or out on the side closest to the plastic buckle. Be sure to select the correct number of straps (padded and unpadded) for comfort and support.
- b. EXO Backstrap attachment (F) - (See Section E- Installing EXO Tension Adjustable Backrest Straps).
- c. Install the backbelt(G) by wrapping it around the back tubes and attaching the velcro. **DO NOT** over-tighten the backbelt as this will cause undue strain on the chair backrest frame.
- d. Install the backrest pad (H) over the top of the backbelt.
- e. Install the top side pads(I).
- f. Install bottom pads(J) for a Rigid Chair.



4. Installing EXO with folding Push Handles 11

Be sure to remove all of the old upholstery before installing the new upholstery.

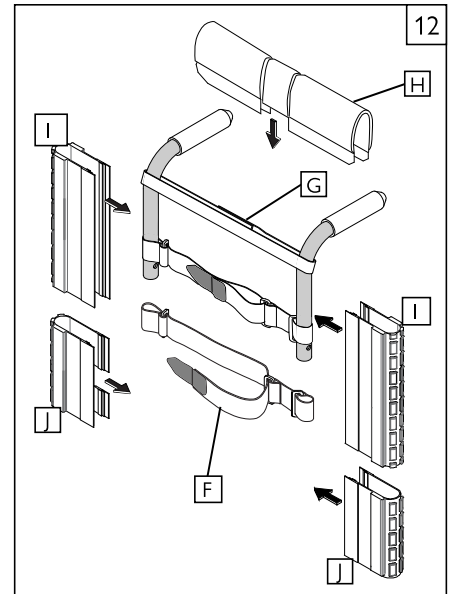
- a. Start by selecting the padded and unpadded straps that you will use. Adjust the length of the straps to roughly fit the width of the back canes by unfastening the velcro and adjusting in or out on the side closest to the plastic buckle. Be sure to select the correct number of straps (padded and unpadded) for comfort and support.
- b. EXO Backstrap attachment (A) - (See Section E- Installing EXO Tension Adjustable Backrest Straps).
- c. Install the backbelt(B) by feeding it through the cut-out in the handle, and attaching the velcro. DO NOT over tighten the backbelt as this will cause undue strain on the chair backrest frame.
- d. Install the backrest pad (C) over the top of the backbelt.
- e. Install the top side pads(D).
- f. Install bottom pads(E) for a Rigid Chair.



5. Installing EXO with Integral Push Handles 12

Be sure to remove all of the old upholstery before installing the new upholstery.

- a. Start by selecting the padded and unpadded straps that you will use. Adjust the length of the straps to roughly fit the width of the back canes by unfastening the velcro and adjusting in or out on the side closest to the plastic buckle. Be sure to select the correct number of straps (padded and unpadded) for comfort and support.
- b. EXO Backstrap attachment (F) - (See Section E- Installing EXO Tension Adjustable Backrest Straps).
- c. Replace the original backbelt(G) with the new part by using the screws from the old backbelt and attaching it to the integral push-handles through the grommet on the new belt. DO NOT over tighten the backbelt as this will cause undue strain on the chair backrest frame.
- d. Install the backrest pad (H) over the top of the backbelt.
- e. Install the top side pads(I),
- f. Install bottom pads(J) for a Rigid Chair.



F. UPHOLSTERY COVER INSTALLATION

13 14 15

- a. Install the front of the backrest cover/padding (K) by lining it up with the top of the backstrap and backrest pad, and desired level in the front. Fold upholstery over the rear of the chair and Velcro® strapping system. The Quickie patch should be upright on the rear of the chair.
- b. Install the backrest cover at desired level pressing the front and back panel together so that it attaches to the Velcro® strapping system.
- c. Finish installation by removing the cushion and placing vanity flap(L) (lower center panel) down onto Velcro® on the seat sling to secure attachment.



G. STANDARD TAU UPHOLSTERY ADJUSTMENT 16

Always use anti-tips while making any adjustments. Ensure anti-tips are safely secured and in a position to prevent the wheelchair from tipping backwards.

To adjust the Tension of the standard back upholstery.

- a. User can transfer into wheelchair. Place wheel locks in the locked position
- b. From the rear of the wheelchair the attendant can lift the back cover flap(A) (center panel) to access the strap system (A).
- c. Adjust each strap individually for optimal balance and trunk alignment. Ensure the Velcro® straps have a minimum of 2 inches (5cm) of engagement. Hook the Velcro® after securing it through each loop. Press the Velcro® together.
- d. Make sure the bottom strap leaves enough room underneath the strap assembly for the cushion.
- e. Re-attach the back cover flap over the horizontal velcro adjustment straps to complete your adjustment.

**! WARNING**

Any changes made to the straps will affect the center of gravity. It is best to have the attendant stationed behind the wheelchair to prevent the wheelchair from tipping backwards until the user becomes accustomed to the adjustment.

AVOID over-tightening of the strap assembly, which can effect the integrity of the back canes (the back canes should not be bent inward).

Ensure the horizontal Velcro adjustment straps are facing rearward.

Make sure the bottom strap leaves enough room underneath the strap assembly for the cushion.

H. EXO TAU ADJUSTABLE UPHOLSTERY ADJUSTMENT 17

Adjustment of EXO Tension Adjustable Backrest Upholstery

Always use anti-tips while making any adjustments. Ensure anti-tips are safely secured and in a position to prevent the wheelchair from tipping backwards.

- a. User can transfer into wheelchair. Place wheel locks in the locked position
- b. From the rear of the wheelchair the attendant can lift the back cover flap (center panel) to access the strap system. Remove the Top, bottom, and side pads.
- c. Adjust each strap individually for best balance and trunk alignment. Ensure the Velcro® straps have a minimum of 2 inches (5cm) of engagement. Hook the Velcro® after securing it through each loop. Press the Velcro® together firmly to ensure the stability of the rider.
- d. Make sure the bottom strap leaves enough room underneath the strap assembly for the cushion to fit.
- e. Re-attach the top, bottom and side pads, and fold down the back cover flap over the horizontal Velcro adjustment straps to complete your adjustment.

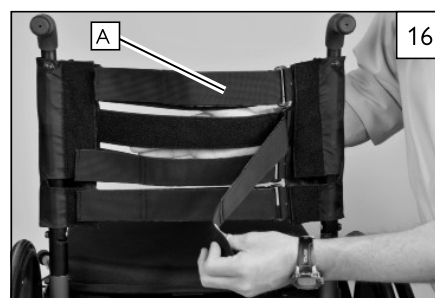
**! WARNING**

Any changes made to the straps will affect the center of gravity. It is best to have the attendant stationed behind the wheelchair to prevent the wheelchair from tipping backwards until the user becomes accustomed to the adjustment.

AVOID over-tightening of the strap assembly, which can effect the integrity of the back canes (the back canes should not be bent inward).

Ensure the horizontal Velcro adjustment straps are facing rearward.

Make sure the bottom strap leaves enough room underneath the strap assembly for the cushion.



**A. FOR ONE (1) YEAR**

We warrant all Sunrise-made parts and components of this upholstery against defects in materials and workmanship for one year from the date of first consumer purchase.

**Backrest Tension Adjustable (Balistic, 3DX Vented, & EXO)**

Each Backrest Tension Adjustable is carefully inspected and tested to provide peak performance. Every Backrest Tension Adjustable is guaranteed to be free from defects in materials and workmanship for a period of twelve (12) months from the date of purchase provided normal use. Should a defect in materials or workmanship occur within twelve months from the original date of purchase, Sunrise Medical will, at its option, repair or replace it without charge. This warranty does not apply to puncture, tears or burns. Claims and repairs should be processed through the nearest authorized dealer. Except for express warranties made herein, all other warranties including implied warranties of merchantability and warranties of fitness for particular purpose are excluded. There are not warranties which extend beyond the description of the face hereof. Remedies for breach of express warranties herein are limited to repair or replacement of the goods. In no event shall damages for breach of any warranty include any consequential damages or exceed the cost of non-conforming goods sold.

**B. LIMITATIONS**

1. We do not warrant:
  - a. Damage from neglect, accident, misuse, or from improper installation or repair.
  - b. Products modified without Sunrise Medical's express written consent.
  - c. Damage from exceeding the weight limit.
2. This warranty is VOID if the original upholstery serial number tag is removed or altered.
3. This warranty applies in the USA and Canada only. Check with your supplier to find out if international warranties apply.
4. This warranty is not transferable and only applies to the first consumer purchase of this wheelchair through an authorized Sunrise Medical dealer.

**C. WHAT WE WILL DO**

Our sole liability is to repair or replace covered parts. This is the exclusive remedy for consequential damages.

**D. WHAT YOU MUST DO**

1. Obtain from an authorized supplier, while this warranty is in effect, prior approval for return or repair of covered parts.
2. Return the wheelchair or part(s), freight pre-paid to the designated Sunrise Medical location.
3. Pay the cost of labor to repair, remove or install parts.

**E. NOTICE TO CONSUMER**

1. If allowed by law, this warranty is in place of any other warranty (written or oral, express or implied, including a warranty of merchantability, or fitness for a particular purpose).
2. This warranty gives you certain legal rights. You may also have other rights that vary from state to state or province to province.

**F. ADDITIONAL WARRANTY INFORMATION**

For goods provided by Sunrise Medical Pty Ltd in Australia, our goods come with a guarantee by Sunrise that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits to you given by this warranty are in addition to your other rights and remedies under a law in relation to the goods to which the warranty relates.

Record your serial number here for future reference:

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