



## VOYAGE POSTURAL COMPONENTS INSTALLATION AND ADJUSTMENT GUIDE



Please read these instructions carefully before beginning the installation. Failure to understand and follow installation instructions may result in injury to installer an/or end user and may void the warranty.

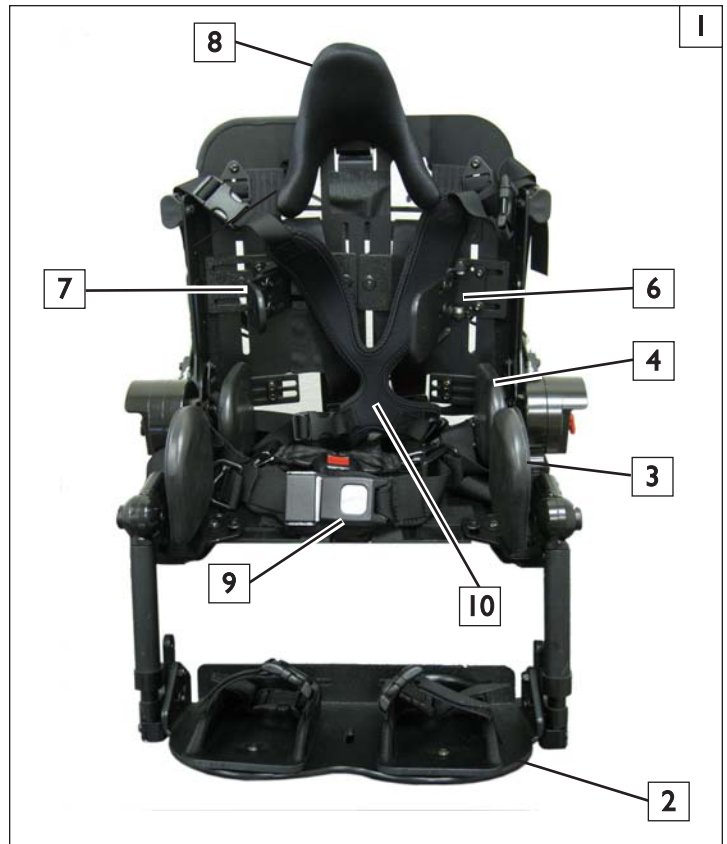
If you have any questions call Sunrise Medical Technical support at 800.333.4000

### CONTENTS:

1. VOYAGE POSTURAL COMPONENTS OVERVIEW
2. SHOE HOLDER
3. LATERAL THIGH SUPPORT
4. LATERAL HIP SUPPORT
5. MEDIAL SUPPORT (not shown)
6. FIXED ANGLE ADJUSTABLE LATERAL TRUNK SUPPORT
7. SWING-AWAY LATERAL TRUNK SUPPORT
8. HEADREST SUPPORT
9. PELVIC POSITIONING BELT
10. COMFORT FIT ATS ANTERIOR TRUNK SUPPORT (LI'L KIDDOS)

### TOOLS NEEDED

- a. 4mm Hex key
- b. 3/16" Hex key
- c. 10mm open-end combination wrench



## POSITIONING/GROWTH ADJUSTMENTS

### WARNING

If a change in adjustment is necessary for growth or positioning, a healthcare professional must be consulted before any changes are made. These adjustments are very important to the orthopedic and neurological needs of the child. Care should be taken to make sure the changes are physiologically and medically appropriate. Sunrise Medical suggests that any positioning or growth adjustments be made by the service provider under the direction of a healthcare professional. Do not allow any adjustments while the child is seated in the mobility device.

## DEALER/TECHNICIAN WARNING

### WARNING

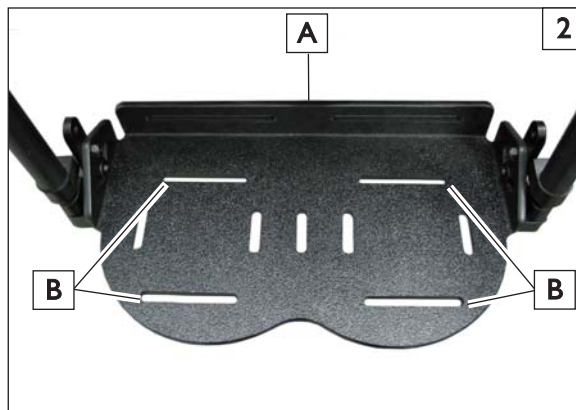
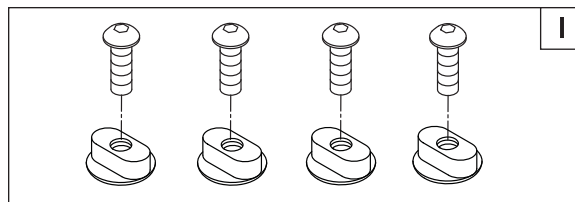
Attention dealers and qualified technicians, do not operate or service this device without first reading the owners manual. If you do not understand the instructions and warnings in the owners manual, please contact Technical Support at the number above, before operating and/or servicing the device. Failure to do so may result in damage and/or injury.

**INSTALLATION AND ADJUSTMENT OF THE SHOE HOLDER**

The left and right shoe holders can mount to the footrest plate using 2x T-nuts and 2x M6x1x12 bolts per side.

**1. Mount the shoe holder****1 2**

- Make sure that height and angle adjustment of the footplate (A) is optimal before proceeding to the next steps.
- While holding the T-nuts in the slots (B), thread the button head screws into the T-nuts.
- Using a 4mm hex key, snug but do not tighten the screws so that the feet can be placed in the best location for support and posture.

**2. Adjust the shoe holder****3 4**

- The shoe holder can slide left or right in the slot (Figure 3) and can be set at an angle as shown in (Figure 4)
- Once the correct placement of the shoe holder is determined, use the 4mm hex key to tighten the M6 screws.
- If necessary, repeat the steps for the other side.



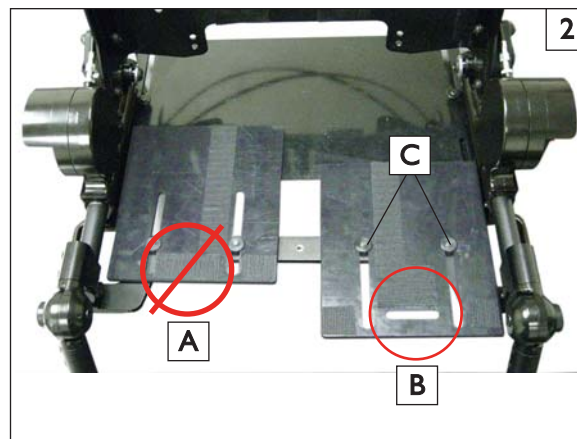
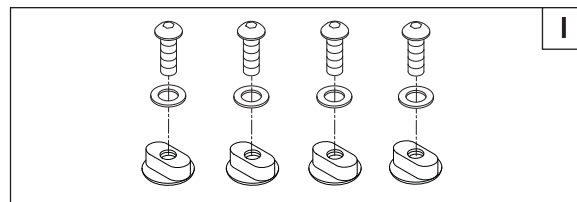
**INSTALLATION AND ADJUSTMENT OF THE LATERAL THIGH SUPPORT**

The left and right thigh support pads and brackets can be mounted to the asymmetrical leg plates, using 2x T-nuts, 2x washer, and 2x M6x1x12 bolts per side.

**I. Prepare leg plates for installation**

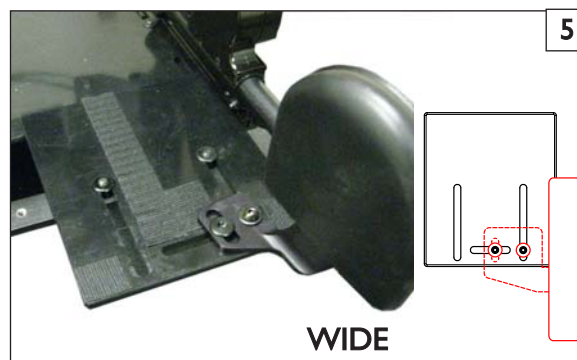
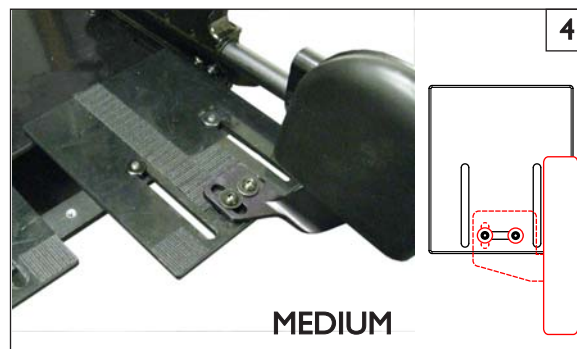
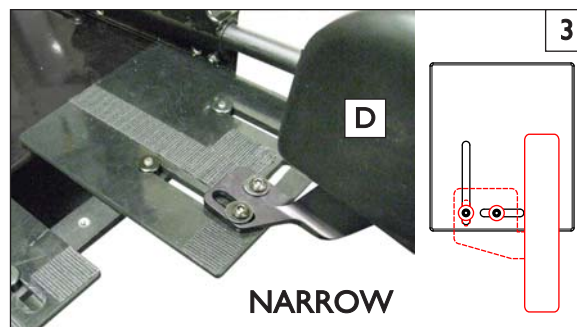
1 2

- You can use an utility knife, or peel away the excess velcro (A) in the case of a slot being covered up.
- Slots exposed, and velcro removed (B)
- It may be necessary to loosen the screws (C) under the leg plates so that they can slide forward to expose the outer slots

**2. Attach the lateral thigh support**

3 4 5

- The lateral thigh support and pad (D) can be installed in 3 different locations on the leg plate: Narrow, Medium, and Wide.
- Using a 4mm hex key, attach the thigh support bracket using 2x button head screws, 2x washers, and 2x T-nuts. Do not tighten the hardware until correct adjustment has been made.
- The bracket and pad can be rotated slightly to support most leg angles.
- Using the 4mm hex key, tighten the screws.
- If necessary, repeat the steps for the other side.



**INSTALLATION AND ADJUSTMENT OF THE LATERAL HIP SUPPORT**

The left and right hip supports can be mounted to the backshell using 1x 2-hole bracket, 2x washers, and 2x M6x1x12 bolts per side.

**1. Attachment location****1 2**

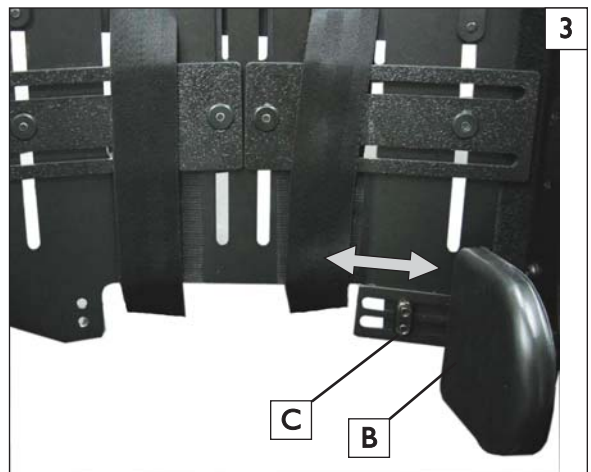
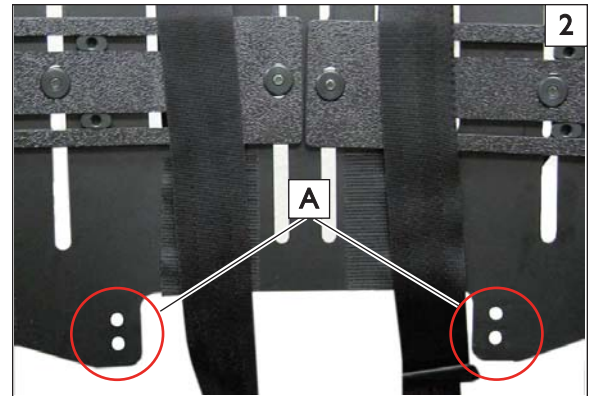
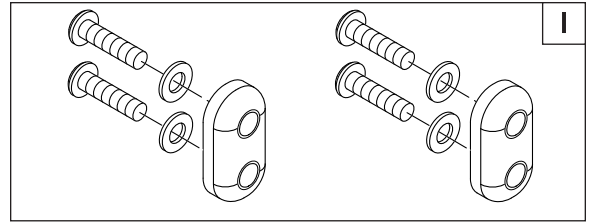
- The hip support mounting points can be found behind the back support padding on the seating shell in locations shown (A)

**2. Attaching the hip support pad/bracket****2 3**

- Mount the lateral hip support (B) to the backshell by placing the lateral bracket on the inside of the backshell, and then the 2-hole nut(C) on top of the lateral bracket.
- Thread the M6 screws thru the back and into the 2-hole nut (C).
- Using a 4mm hex key, snug the screws.

**3. Hip support pad adjustment****3**

- You can move the pad and bracket horizontally in and out for optimum fit.
- After adjusting to proper fit, use the 4mm Hex Key and tighten the screws on each side
- If necessary repeat the steps for the other side.

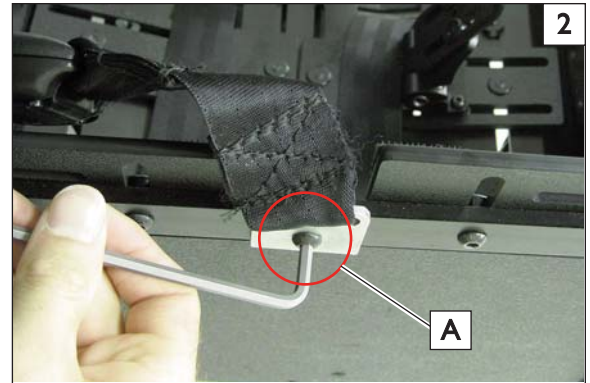
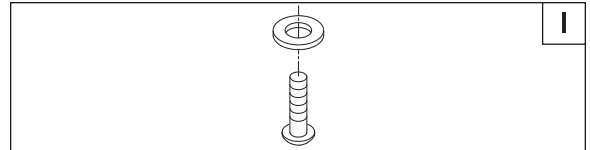


**INSTALLATION AND ADJUSTMENT OF THE MEDIAL SUPPORT**

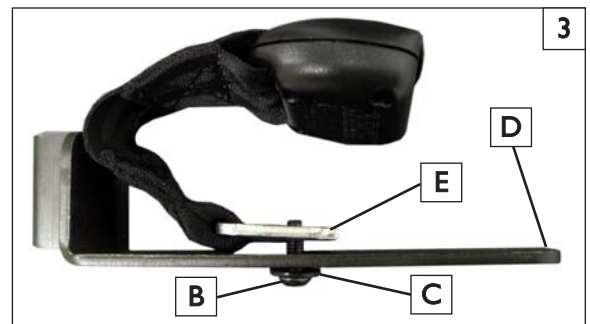
The Medial support can be mounted to the seatpan using 1x M6x1x16 bolt, and 1x washer.

**1. Remove the Lower Transit Strap** 2

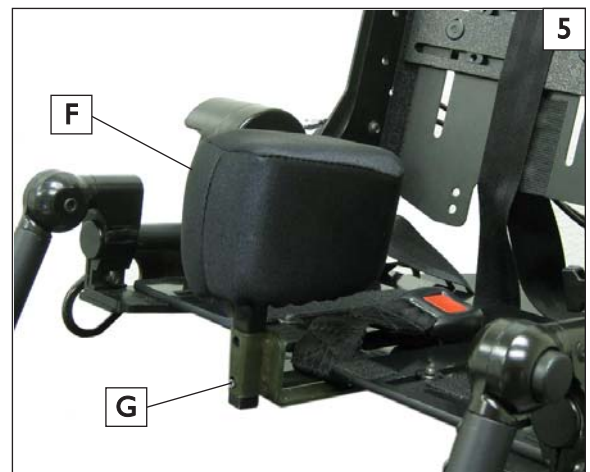
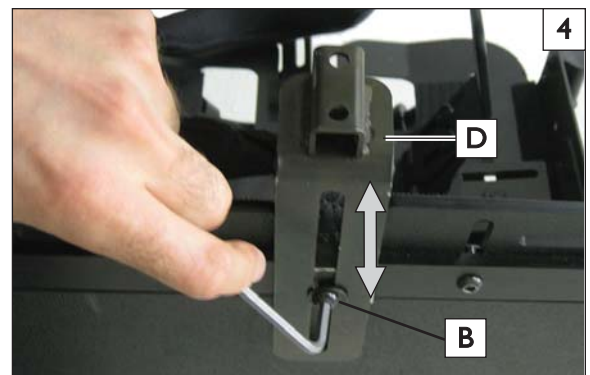
- a. The medial support mounting point can be found under the front of the seat pan in location shown (A).
- b. Using the 4mm hex key, remove the screw holding the lower transit strap, and discard it. This is where the medial support bracket will attach.

**2. Assembly of parts before attaching the bracket** 1 3

- a. Assemble the longer screw (B), washer (C), medial bracket (D), and seat belt (E) as shown in (figure 3).

**2. Attach and adjust the medial support pad/bracket** 4 5

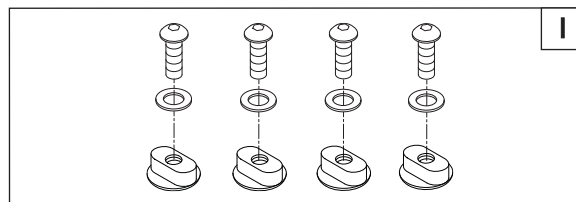
- a. Using the 4mm hex key, mount the medial support bracket at the same location as the belt attachment point (A) on the seat pan.
- b. Make sure the bracket (D) is straight, and using the 4mm hex key, tighten the screw (B) to a torque of 40-45 in-lbs.
- c. Insert the hip abductor/Medial pad post (F) into the receiver (G).





**INSTALLATION AND ADJUSTMENT OF THE FIXED ANGLE ADJUSTABLE LATERAL TRUNK SUPPORT**

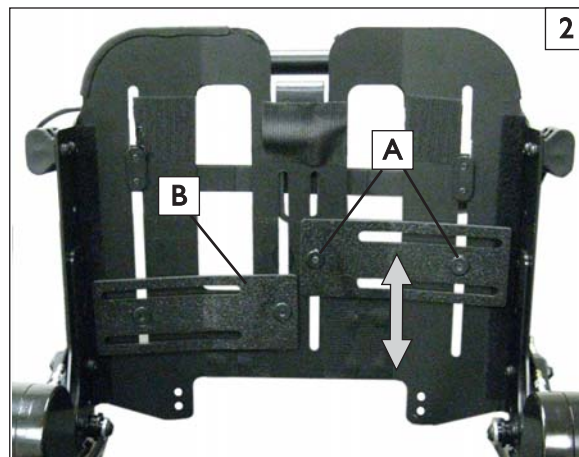
The Fixed Angle Adjustable Lateral Trunk Support can be mounted to the lateral back plates using 2x T-nuts, 2x washers, and 2x M6x1x12 bolts per side.

**1. Location and Attachment**

1

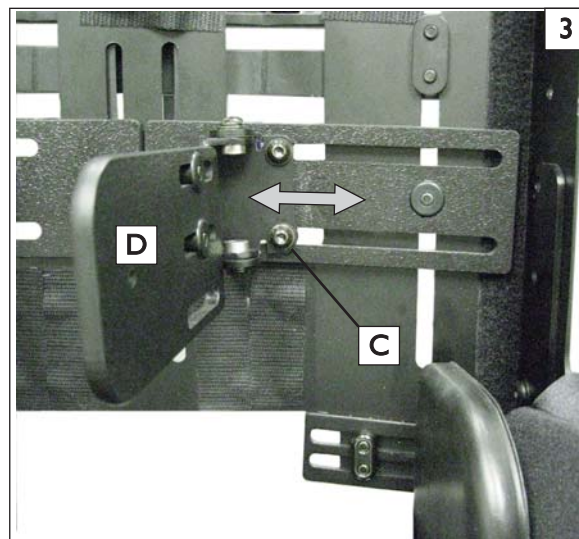
2

- a. Using a 4mm hex key from the rear of the seating shell, loosen the screws(A) for the lateral back mount plate (B).
- b. Slide the Mount plate to a position that allows some open space in the horizontal slots, so that you can attach the fixed trunk supports.

**2. Attaching and adjusting the Lateral Trunk Support**

3

- a. Using the 4mm hex key, mount the Lateral Trunk Support bracket holding the T-nuts in place from the rear of the backshell, thread the M6 screws (C) thru the Lateral bracket and into the T-nuts.
- b. Adjust the bracket and pad mount(D) to it's optimum support position, and tighten the hardware.
- c. Mount the pad to the pad mount(D).
- d. Repeat the steps on both sides.



**INSTALLATION AND ADJUSTMENT OF THE SWING-AWAY LATERAL TRUNK SUPPORT**

The Swing-away Lateral Trunk Support can be mounted to the lateral back plates using 2x T-nuts, 2x washers, and 2x M6x1x12 bolts per side.

**1. Location and Attachment**

1 2

- Using a 4mm hex key from the rear of the seating shell, loosen the screws(A) for the lateral back mount plate (B).
- Slide the Mount plate to a position that allows some open space in the horizontal slots, so that you can attach the swing-away trunk supports.

**2. Attaching and adjusting the Lateral Trunk Support**

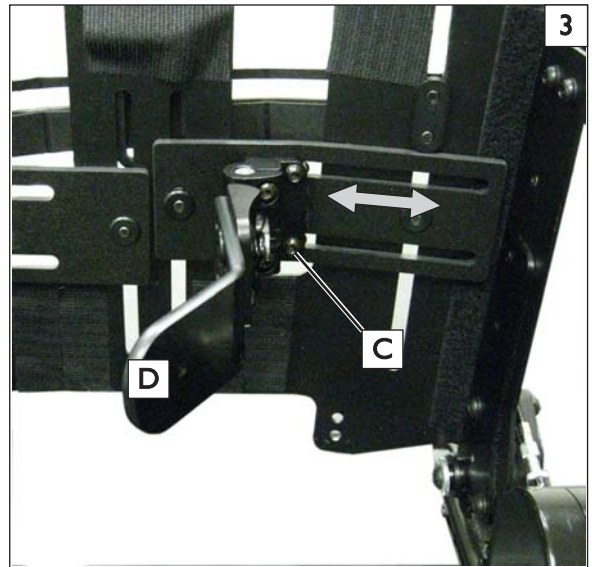
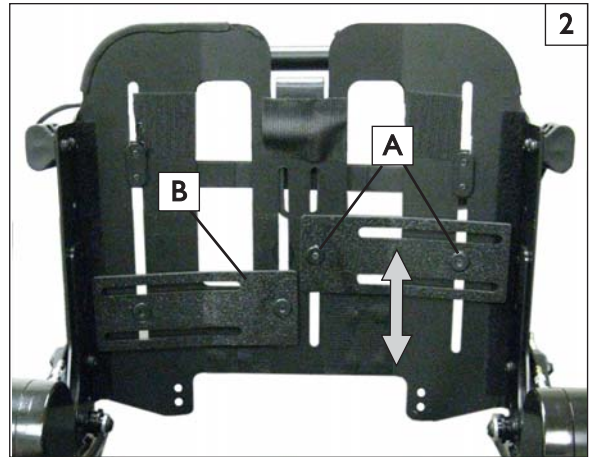
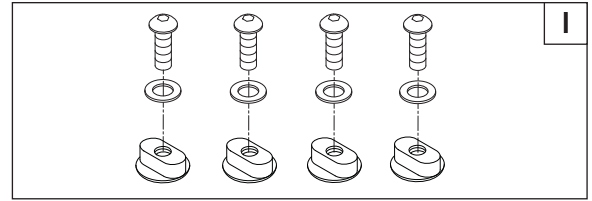
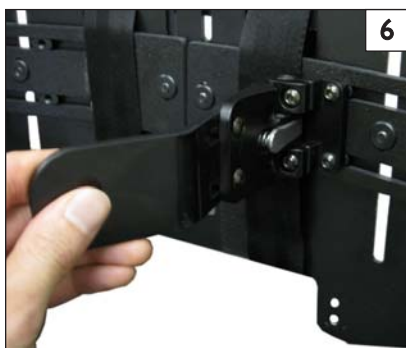
2 3

- Using the 4mm hex key, mount the Lateral Trunk Support bracket holding the T-nuts in place from the rear of the backshell, thread the M6 screws (C) thru the Lateral bracket and into the T-nuts.
- Adjust the bracket and pad mount(D) to it's optimum support position, and tighten the hardware.
- Mount the pad to the pad mount(D).
- Repeat the steps on both sides.

**3. Setting Angle for Swing-away Trunk Support**

4 5 6 7 8

- Unlock the Swing-away lateral and swing it out of the way to gain access to the lock-screws.
- Using the 4mm hex key, loosen the button head lock screws.
- Adjust the bracket and pad to it's optimum support position, and unlock the Lateral mechanism.
- Hold the adjustment in place while tightening the lock-screws.
- Repeat the steps on both sides.

**UNLOCK****LOOSEN****ADJUST****UNLOCK AGAIN****TIGHTEN**

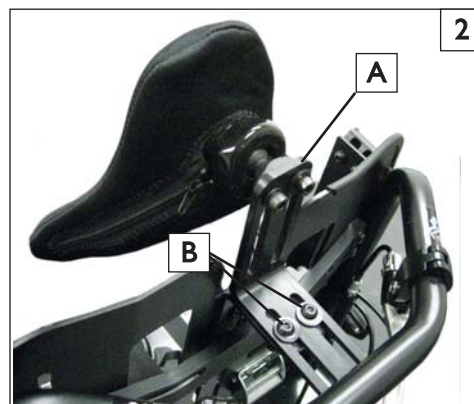
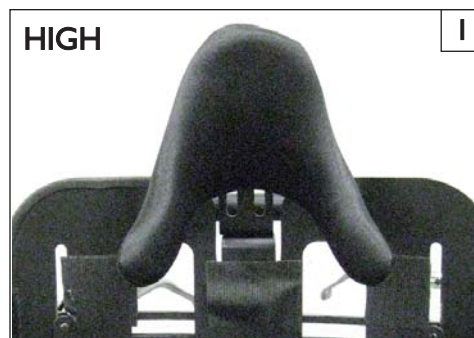
**INSTALLING THE HEADREST**

The Headrest can be mounted to the backshell using 2x 2-hole slide nut, 2x M6x1x16 bolts, 2x 1/4-28 x 5/8" machine screws, and 4x washers.

**1. High mount position Headrest installation**

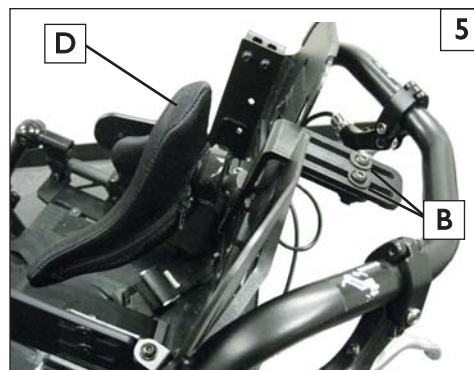
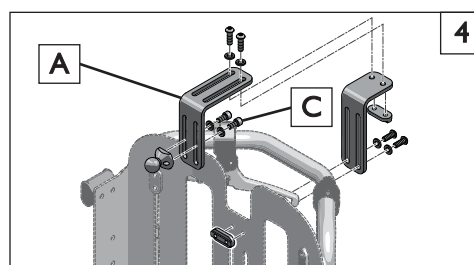
1 2

- Mount the headrest and bracket (A) as shown, using 2x M6 bolts and washers (B), and the 2-hole slide nut.
- After adjusting the headrest to optimum support position, use the 4mm hex key to tighten the screws

**2. Low mount position Headrest installation**

3 4 5

- To mount the headrest in the low position, invert the bracket(A).
- Using the 2x M6 bolts and washers (B), and the 2-hole slide nut, attach the bracket as shown.
- To orient the headrest (D) right-side up, use a 3/16" hex key to remove the two 1/4-28 x 5/8 headrest screws (C) orient the headrest as shown and re-attach the screws.
- After adjusting the headrest to optimum support position, use the 4mm and 3/16" hex keys to make sure the screws are tight





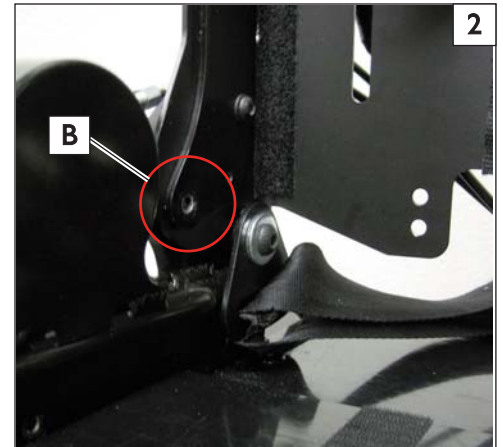
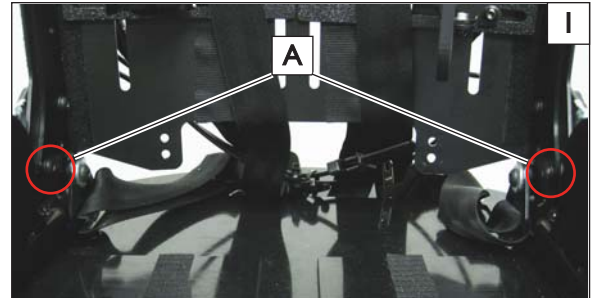
## INSTALLING THE PELVIC POSITIONING BELT

**⚠ WARNING**

The pelvic belt is not transit approved and should not be used as a substitute for the Anterior Trunk H strap support when in a transit situation.

**1. Location and Attachment**

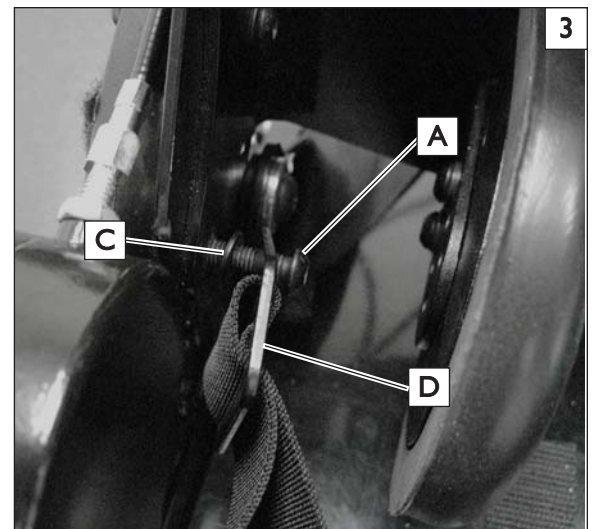
- a. Using a 4mm hex key and 10mm wrench, remove the bolts(A) circled in (Figure 1). These will be the lower mounting points.
- b. Bolt removed(B) (Figure 2)

**2. Attaching the Pelvic belt**

- a. Reattach the bolt (A) for each side, placing the washer (C) in front of the pelvic positioning belt bracket (D) as shown.
- b. The completed pelvic positioning belt is shown in (Figure 4).

**3. NOTE: For chairs with recline.**

- a. Check to see if the backshell is difficult to recline after tightening the bolts. If the recline mechanism is stiff, you may loosen the screw(A) slightly until the recline functions freely.



**INSTALLING THE COMFORT FIT ATS (LI'L KIDDOS)**

The ATS can be mounted to the backshell using a 2x M6x1x12 bolts, 4x washers, 4x nylock nuts, 2x M6x1x35, and re-using the 2 removed screws.

**1. Location and Attachment**

1

2

3

4

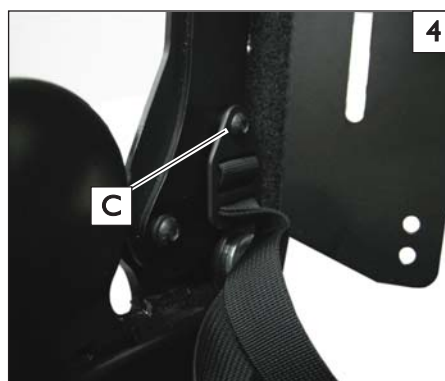
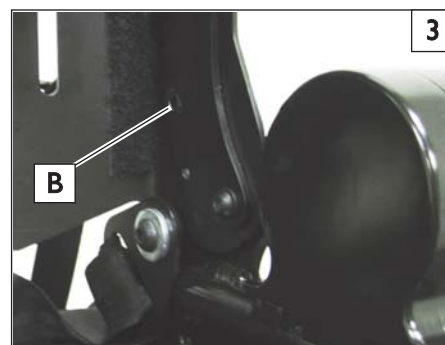
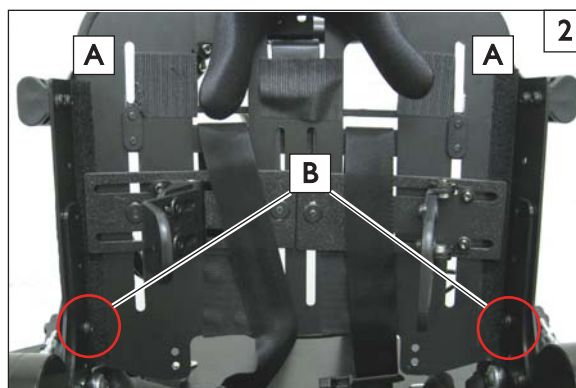
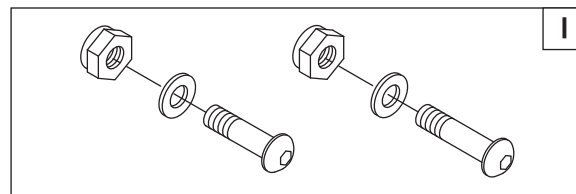
5

- a. The upper belt brackets can mount to any available area in the open slots (A).
- b. Using the 4mm hex key and a 10mm wrench, remove the bolts circled in red (B). The lower belt brackets will mount in this location.
- c. Mount the lower belt brackets in location (B) by either reattaching the hardware (C) that was removed previously, or by using new hardware that may have been provided with the belt.
- d. Use a nylock nut, washer, and M6 bolt for each upper belt bracket (D)

**2. NOTE: For chairs with recline.**

4

- a. Check to see if the backshell is difficult to recline after tightening the bolts. If the recline mechanism is stiff, you may loosen the screw(C) slightly until the recline functions freely.





Sunrise Medical • 2842 Business Park Ave. • Fresno, CA 93727 • USA  
In Canada (800) 263-3390



Customer Service: 800.333.4000  
[www.SunriseMedical.com](http://www.SunriseMedical.com)

©2012 Sunrise Medical (US) LLC  
08.13      ISO0131 Rev. A