

# JAY®



## *Jay® J2 Plus Back*

User Instruction Manual & Warranty

## *Respaldo Jay® J2 Plus*

Manual de Instrucciones y Garantía para el Usuario

## *Jay® J2 Plus Back*

Manuel d'utilisation et garantie

## *Jay® J2 Plus Rückenlehne*

Gebrauchsanweisung und Garantie

## *Schienale Jay® J2 Plus*

Manuale d'uso e garanzia

## *Jay® J2 Plus Rugleuning*

Gebruiksaanwijzing en Garantie

## *Jay® J2 Plus-ryggstöd*

Instruktionsmanual och garanti

## *Jay® J2 Plus-ryggstøtte*

Brukerhåndbok og garanti



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The J2 Plus Back is designed to supply the clinician with the means to provide the client with a back support that can accommodate a heavier load capacity and provide all the benefits of a solid back support.

Maximum User weight 650lbs (293Kg).

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

- CAUTION**–1) Maximum occupant weight for the J2 plus back is 650 lbs, the user should check weight restrictions of the chair on which the back will be placed.  
 2) The J2 Plus back can be used up to 60 degrees tilt in space for stationary applications.  
 3) While using a J2 Plus back on a tilt in space chair, the chair should be returned to is upright position when the occupant is being propelled.

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

## J2 PLUS BACK AND ACCESSORIES



## INSTALLING THE J2 PLUS BACK

The J2 Plus Back is designed to replace the wheelchair's sling upholstery. The initial installation should be done as follows:

### SIDE PLATE INSTALLATION

**NOTE**– Ensure the side plates are correct for 8° or straight back canes.

Tools: 3/16 Allen wrench

**NOTE**– It is recommended that the push handles (E) be installed in the tallest setting.

1. Remove the lower clamp assembly (A) from the left and right side plate (D), set aside with attaching hardware (B).
2. Attach the left side plate (D) to the push handle by loosening the upper clamp fastener to allow clamp (C) to slide over push handle, loosely secure clamp to push handle. Adjust side plate to the correct height, loosen and tighten clamp as required. Repeat process for the right side.
3. Install lower clamps by equally tightening the provided fasteners so that the gap between side plate and the lower clamp is equal from front to back. See figure.

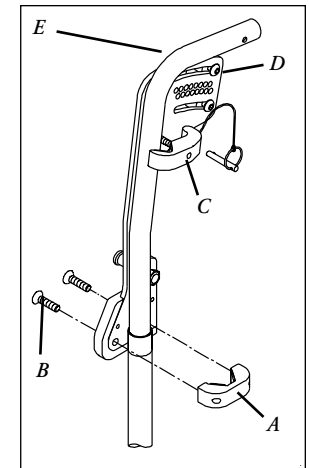


Figure 1

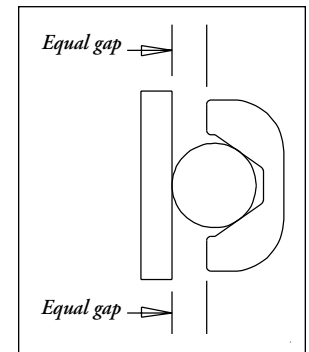


Figure 2 View from above

4. Ensure both side plates are at the same height (A) by measuring to the bottom of the side plate from a fixed location on the chair.
5. Adjust side plates to be parallel to push handles when looking down on the side plates from behind the chair. Tighten upper and lower clamps on both sides.

**NOTE**– For 8-degree side plates adjust the side plate so that the upper clamp fastener (B) is in the approximately same location of the slot for both side plates.

**NOTE**– It is important to ensure that both left and right side plates are installed at the same height and parallel to the push handles. Check that all fasteners are tight before moving on to the next step.

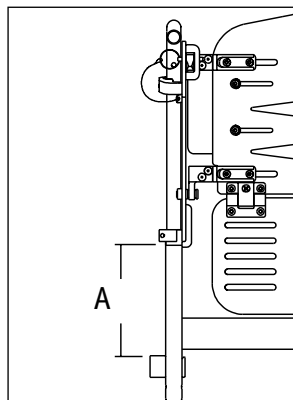


Figure 3

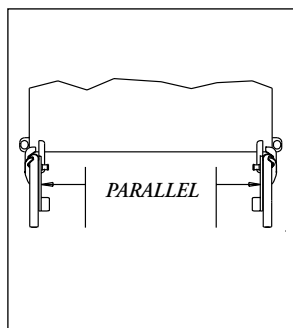


Figure 4

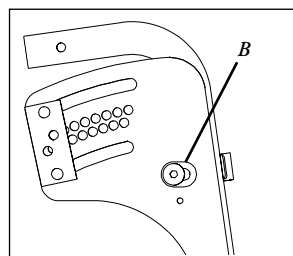


Figure 5

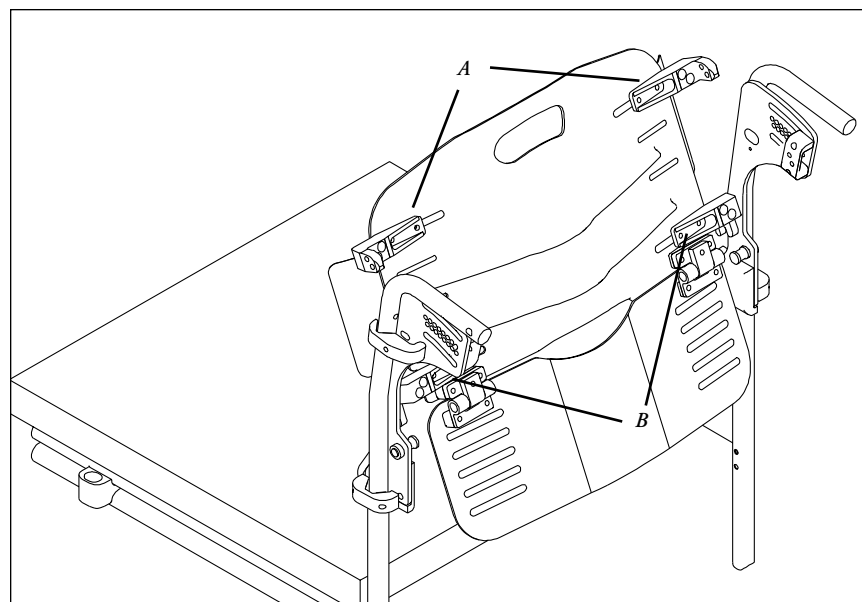


Figure 6

### BACK SHELL INSTALLATION

Tools: 3/16 Allen wrench

1. Loosen the upper (A) and lower (B) connectors by loosening the two fasteners that hold each connector to the back shell.

**CAUTION**– Loosen both fasteners equally to allow the connectors to freely slide back and forth but do not remove the fasteners or loosen more than required to achieve free sliding motion.

2. Place back shell onto chair by adjusting both lower connectors to fit over pivot pins (C).
3. Adjust both upper connectors to fit into back shell receiver (D).

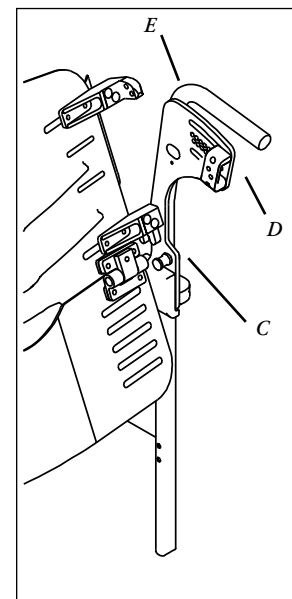


Figure 7

4. Install the both left and right retaining pins into the 12-degree position(F) through the side-plate(E), upper connector(A) and into the back shell receiver(D) **Figure 7**.
5. Adjust back shell to be centered between side plates (G)
6. Tighten both upper connector fasteners (H) while gently holding the upper connector inward towards the center of the chair.
7. Tighten both lower connector fasteners (I).
8. Back shell should rotate freely on pins and be easily removable.

**NOTE**– Important: Ensure that the back shell rotates freely and that the upper connectors do not hit the side plates. If required, adjust the side plate angle to achieve smooth operation.

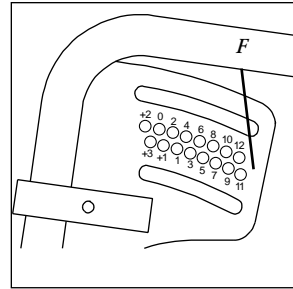


Figure 8

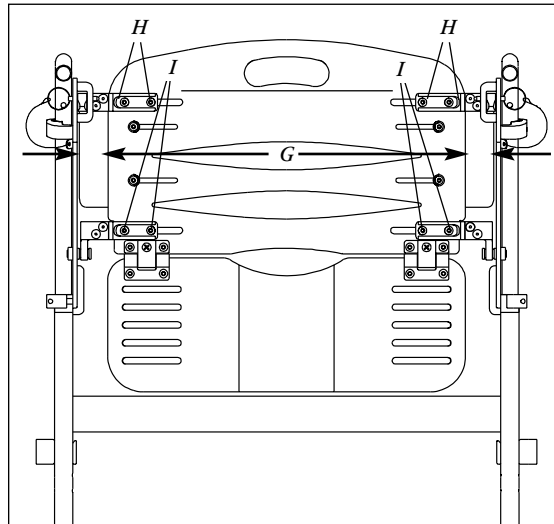


Figure 9

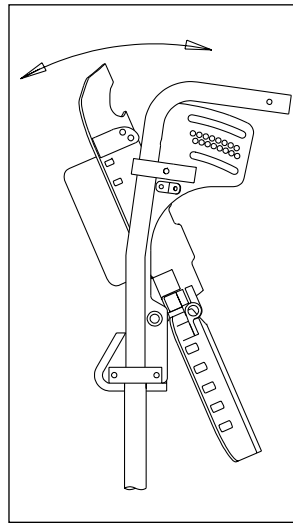


Figure 10

### SEAT TO BACK ANGLE ADJUSTMENT (See **Figure 11**)

Tools: 3/16 Allen wrench

1. Remove the retaining pin (A) on each side plate.
2. Loosen the two fasteners (B) that hold the back shell receiver for both sides.
3. Rotate the back shell and right back shell receiver to the desired angle (C) and install retaining pin (A) through the right side plate, upper connector and back shell receiver. Repeat the process for the left side.
4. Tighten both fasteners (B) to secure the back shell receiver on each side

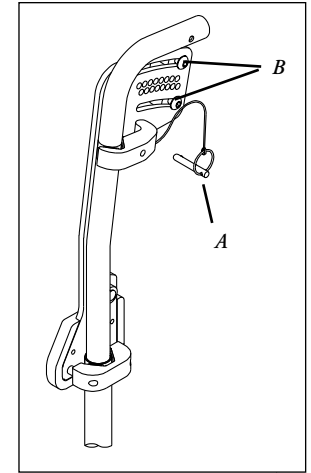


Figure 11

### VANITY FLAP ADJUSTMENT:

Tools: 5/32 Allen Wrench

1. Loosen the button head cap screw (A) on both hinges to allow rotation of the vanity flap.
2. Rotate the vanity flap into the desired position.
3. Tighten both button head cap screws (A) to secure the vanity flap in position.

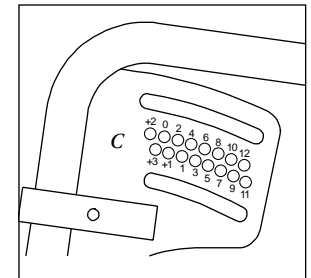


Figure 12 Angle Positions

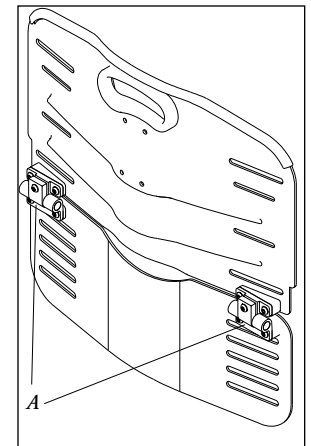


Figure 13

**GROWTH PLATE ADJUSTMENT:**

(Allows growth of the back to the width of the chair.)

Tools: 5/32 Allen wrench

1. Loosen the two fasteners that secure each growth plate.(A)
2. Slide the growth plate (B) to the desired position.
3. Tighten the two fasteners (A) for each growth plate to secure in the desired position.

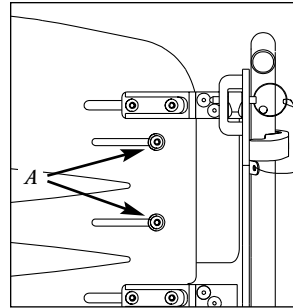


Figure 14

**LATERAL BRACKET INSTALLATION Figure 16**

Tools: 5/32 Allen wrench

1. Remove existing growth plate (A) assemblies from back assembly, set aside mounting hardware.
2. Install right side lateral assembly (B) and growth plate (A) with longer mounting hardware (C), leave fasteners loose. Repeat procedure for left side.
3. Slide growth plate / lateral assembly to desired position for both left and right assemblies.
4. Tighten mounting hardware.

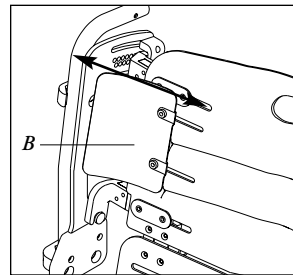


Figure 15

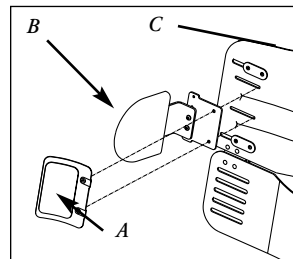


Figure 16

**LATERAL BRACKET VERTICAL ADJUSTMENT Figure 17**

Tools: 5/32 Allen wrench

1. Remove growth plate (A) and lateral assemblies (B) from back assembly.
2. Adjust lateral to desired vertical position.
3. Follow procedure for lateral bracket installation.

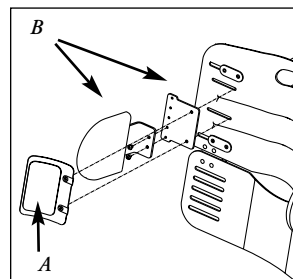


Figure 17

**REMOVAL AND REPLACEMENT**

Following installation and adjustment, the J2 Plus Back can be easily removed from the wheelchair if necessary. Simply remove both left and right retaining pins. Rotate the top of the Back shell forward and lift the Back up and out of the wheelchair. To re-install the Back, lower the back lower connectors to fit over the pivot pins. Rotate the top of the Back shell rearwards, ensuring both the left and right side upper connectors have fitted into their respective back shell receiver. Secure the back shell by installing both the left and right retaining pins through the side plate, upper connector and back shell receiver.

**NOTE**– The Back angle will not change when removed and re-installed on the wheelchair.

**EASY MAINTENANCE AND CLEANING**

Monthly cleaning and regular maintenance may help extend the life of your back support.

**To clean cover**

Remove the cover and turn it inside out. Close the zipper. Machine wash on warm cycle and drip or tumble dry on low heat. Do not use industrial dryers. Do not steam auto-clave. Do not bleach.

**NOTE– To refit cover after washing–**

After cleaning, insert the back foam into the cover and zip closed. The zipper on the cover should be towards the bottom and rear of the foam. Using the Velcro® on the bottom flap of the cover attach the cover to the Velcro on the rear of the vanity flap. Ensure the foam fits snugly to the back shell and match the Velcro strips on the top flap of the cover with the Velcro strips on the top rear of the shell.

**NOTE–** Use only Jay designated covers on Jay products

**To Clean Back Shell**

Shell may be wiped clean with soap and water. No other maintenance should be required.

**J2 PLUS BACK WARRANTY**

Each J2 Plus Back is carefully inspected and tested to provide peak performance. Every J2 Plus Back is guaranteed to be free from defects in materials and workmanship for a period of 24 months from the date of purchase provided normal use. Should a defect in materials or workmanship occur within 24 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 punctures, tears or burns, or to the back's removable cover. Claims and repairs should be processed through the nearest authorized supplier. Except for express warranties made herein, all other warranties, including implied warranties of merchantability and warranties of fitness for a particular purpose are excluded. There are not warranties, which extend beyond the description on 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.

