

# JAY<sup>®</sup>

## SYNCRA<sup>®</sup> Back

### JAY<sup>®</sup> SYNCRA<sup>®</sup> Back

#### IMPORTANT CONSUMER INFORMATION

**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.*

Owner's Manual

### Respaldo JAY<sup>®</sup> SYNCRA<sup>®</sup>

#### INFORMACIÓN IMPORTANTE PARA EL CONSUMIDOR

**AVISO:** *Este manual contiene instrucciones importantes que deben ser entregadas al usuario de este producto. Por favor no retire este manual antes de la entrega al usuario.*

**DISTRIBUIDOR:** *Este manual debe ser entregado al usuario de este producto.*

**USUARIO:** *Antes de usar este producto, lea este manual en su totalidad y guárdelo para futura referencia.*

Instrucciones  
Para el Uso

### Dossier JAY<sup>®</sup> SYNCRA<sup>®</sup>

#### INFORMATIONS IMPORTANTES DESTINÉES AU CONSOMMATEUR

**AVIS :** *Ce manuel contient des instructions importantes qui doivent être communiquées à l'utilisateur de ce produit. Prière de ne pas le retirer avant livraison.*

**FOURNISSEUR :** *Ce manuel doit être remis à l'utilisateur de ce produit.*

**UTILISATEUR :** *Avant d'utiliser ce produit, lisez entièrement ce manuel et conservez-le pour référence ultérieure.*

Instructions pour  
l' utilisation

IMPORTANT CONSUMER INFORMATION

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.



# I. TABLE OF CONTENTS

## SUNRISE MEDICAL LISTENS

Thank you for choosing a JAY® product. We want to hear your questions or comments about this manual, the safety and reliability of your product, and the service you receive from your Sunrise Medical authorized dealer. Please feel free to write or call us at the address and telephone number below:

### SUNRISE MEDICAL (US) LLC

Customer Service Department  
12002 Volunteer Blvd.  
Mount Juliet, TN 37122  
(800) 333-4000

Be sure to register your product and let us know if you change your address. This will allow us to keep you up to date with information about safety, new products, and options to increase your use and enjoyment of this product.

You can register your product at:  
[www.SunriseMedical.com/register](http://www.SunriseMedical.com/register)

### FOR ANSWERS TO YOUR QUESTIONS

Your Sunrise Medical authorized dealer knows your product best, and can answer most of your questions about product safety, use, and maintenance.

For future reference, please fill in the following:

Dealer: \_\_\_\_\_

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

Telephone: \_\_\_\_\_

Serial #: \_\_\_\_\_ Date/Purchased: \_\_\_\_\_

## ADDITIONAL INFORMATION YOU SHOULD KNOW

No component of this product was made with Natural Rubber Latex.



### DISPOSAL AND RECYCLING INFORMATION

When this product reaches the end of its life, please take it to an approved collection or recycling point designated by your local or state government. This product is manufactured using a variety of materials. Your product should not be disposed of as ordinary household waste. You should dispose of your product properly, according to local laws and regulations. Most materials that are used in the construction of this product are fully recyclable. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is disposed in a manner that protects the environment.

Ensure you are the legal owner of the product prior to arranging for the product disposal in accordance with the above recommendations.

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[www.SunriseMedical.com/register](http://www.SunriseMedical.com/register)

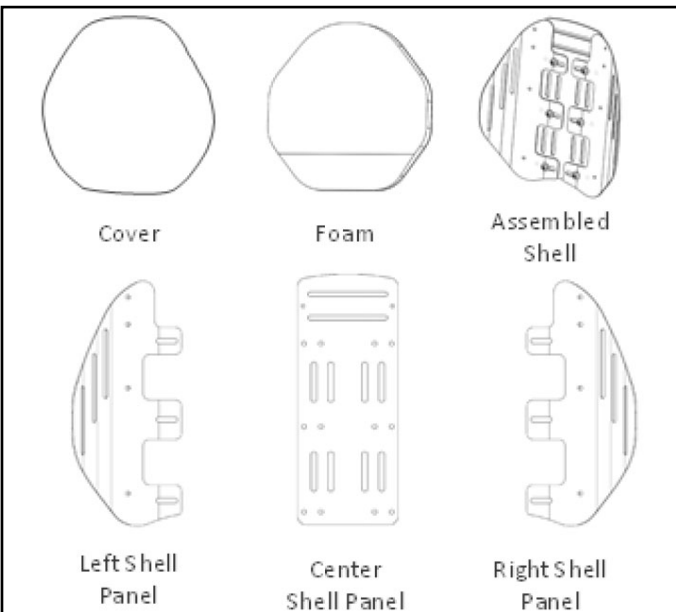
Sunrise Medical recommends that a clinician such as a doctor or therapist experienced in seating and positioning be consulted to determine if a Syncra® Back is appropriate. Backs should only be installed by an Authorized Sunrise Medical Dealer.

JAY SYNCRA BACK

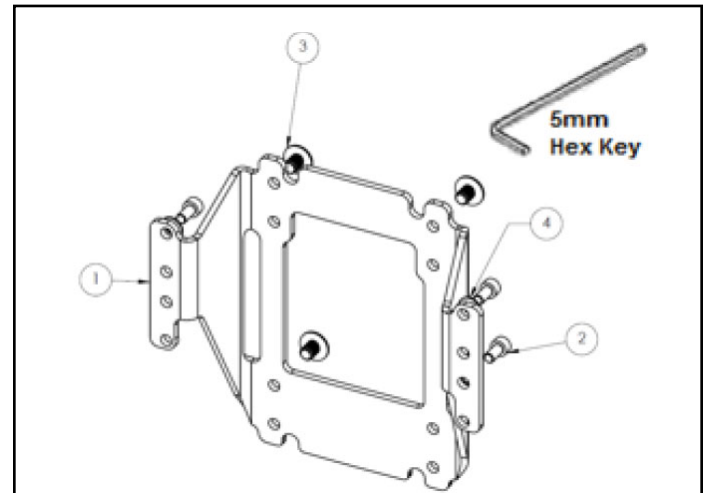
The JAY Syncra Back is designed to provide the important benefits of a proper back support for Q500® and Q700® SEDEO® PRO power chair users. It is designed to provide simple, comfortable, and effective support to help maximize function and increase sitting tolerance. In addition, it is adjustable, durable, and easy to use.

Maximum user weight is 400 lbs. (181 kg).

Syncra Back



Syncra Back Hardware



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	249447	BRACKET, BACK	1
2	103045	SHCS, M6X1X12, FULL,PL	4
3	249444	SCREW, M8, FLANGED, 8MM	4
4	250104	WASHER M6	4

### III. GENERAL WARNINGS

#### A. CENTER OF GRAVITY

##### **WARNING**

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

#### B. ANTI-TIPS

##### **WARNING**

Anti-tip tubes can help keep your chair from tipping over backward in normal conditions.

1. Sunrise recommends the use of anti-tip tubes.
2. ALWAYS assess the need for anti-tips or amputee axle adapter brackets that could be added to the wheelchair to help increase the stability of the wheelchair and seating system.

If you fail to heed these warnings, damage to your chair, a fall, tip-over, or loss of control may occur and cause severe injury to the rider or others.

#### C. PUSHING OR LIFTING

##### **WARNING**

Do not use the Syncra Back to move or push the wheelchair.

1. Improper use of the back by pushing or pulling may cause the back to unexpectedly detach from the wheelchair.

If you fail to heed these warnings, damage to your chair, a fall, tip-over, or loss of control may occur and cause severe injury to the rider or others.

#### D. COMPATIBILITY

The Syncra Back is designed to be compatible with Q700 and Q500 SEDEO PRO power chairs.

Syncra Back use with other types of wheelchairs may cause the back to accidentally disconnect from the wheelchair. This could result in a fall or potential injury of the rider and/or caregiver.

#### E. SYNCRA BACK TRANSIT SAFETY 1 2

##### **WARNING**

The Syncra Back has been dynamically tested for use in a motor vehicle. This system conforms with ANSI/RESNA WC-20. If the Syncra Back is to be used in a transit situation, it must be mounted to a wheelchair that conforms to the performance requirements of ANSI/RESNA WC-19. For rider safety, please follow all installation, use, and maintenance instructions within this manual as well as the transit instructions below.

1. If possible and feasible, the rider should transfer to the Original Equipment Manufacturer vehicle seat and use the vehicle restraints.
2. The distance between the top of the user's shoulder and the top of the back should not exceed 6.5" (16.5 cm).
3. The wheelchair must be labeled as appropriate for use as a seat in a motor vehicle, dynamically tested to the performance requirements of ISO Standard 7176-19 and installed, used, and maintained according to the manufacturer's instructions.
4. If the original wheelchair seat was replaced, the new seat must be approved for wheelchair transit, installed and used as indicated in the manufacturer's instructions.
5. The Wheelchair Tiedown and Occupant Restraint System (WTORS) should be compatible with the specific wheelchair, used as indicated in the manufacturer's instructions, and should comply with the performance requirements of ISO Standard 10542.
6. The wheelchair must be forward facing during transport.
7. In order to reduce the potential of injury to vehicle occupants, wheelchair-mounted accessories such as trays and respiratory equipment should be removed and secured separately.
8. This product is intended for use by adults up to 400 lbs. (181 kg)
9. Postural support devices such as pelvic positioning belts, anterior trunk supports, or postural supports such as lateral trunk supports should not be relied on for occupant restraint in a moving vehicle unless they are labeled as conforming to ISO Standard 16840-4.
10. Alterations or substitutions should not be made to the structure of the chair or seating system, parts, and/or components without consulting the manufacturer.

If you fail to heed these warnings, damage to your chair, a fall, tip-over, or loss of control may occur and cause severe injury to the rider or others.

**⚠ WARNING**

The owner of this equipment is responsible for making sure that it has been set up and adjusted by an Authorized Dealer under the advice of a healthcare professional. It may require periodic safety and function checks or certain in-use adjustments that can be performed by the owner, caregiver, or Authorized Dealer if desired.

A. MAINTENANCE AND CLEANING

1. Proper maintenance and cleaning will improve performance and extend the useful life of your equipment.
2. Clean your equipment regularly. This will help you find loose or worn parts and make your equipment easier to use. You will need a mild detergent solution and cleaning rags.
3. If discovered, have loose, worn, bent, or damaged parts replaced before using the Syncra Back.

B. CRITICAL SAFETY CHECKS

1. Fasteners  
Sunrise Medical recommends that all fasteners be checked for wear, such as loose bolts or broken components every 6 months. Loose fasteners should be re-tightened according to the installation instructions.
2. Replacing Components  
Contact your Authorized Dealer immediately to replace any components. Do not continue to use the system after identifying loose or broken components.

C. EASY CLEANING

1. Back Cover
  - a. Remove the cover from back shell by detaching the Velcro® and the snaps. Unzip the bottom of the cover.
  - b. Remove the foam and turn the cover inside out.
  - c. Zip the cover closed to avoid snagging.
  - d. Machine wash in warm water 50°C (122° F).
  - e. Drip and tumble dry on low heat.

Laundry Care Symbols		3
	Machine wash in warm water (50° C)	
	Only non-chlorine bleach, when needed	
	Drip dry	
	Do not iron	
	Do not dry clean	

**⚠ WARNING**

The owner of this equipment is responsible for making sure that it has been set up and adjusted by an Authorized Dealer under the advice of a healthcare professional. The Syncra Back and hardware may require periodic safety and function checks. Adjustments should be performed by your Authorized Dealer. Always use parts and/or accessories that have been recommended or approved by Sunrise Medical. The Syncra Back is designed to be compatible with the Q500 and Q700 SEDEO PRO power chair. Use with another wheelchair may cause harm to the equipment and/or the user.

**⚠ WARNING**

1. Ensure that all hardware has been properly tightened according to suggested specifications.
  - a. Make sure all screws are securely tightened before use.
  - b. Check that the Syncra Back is securely attached to the SEDEO PRO frame monthly by re-tightening all screws.
  - c. Double check fit and comfort for the user before putting the Syncra Back into use.
  - d. Failure to follow this check out procedure could result in injury and/or damage to your Syncra Back and/or components.

NOTE - Do not dry clean covers or use industrial washers to clean covers. Do not steam autoclave. Do not bleach. Laundry care symbol definitions are shown (Fig. 3).

2. Back shell
  - a. The back shell should be wiped clean with soap and water on a regular basis to prevent buildup of dirt and grime.
3. Positioning components
  - a. Remove the components one at a time, noting the placement for re-assembly.
  - b. Positioning components can be wiped clean with soap and water.
  - c. DO NOT immerse positioning components underwater.

## V. INSTALLATION AND ADJUSTMENT

### A. INSTALLING SYNCRA BACK TO SEDEO PRO SEATING SYSTEM

Please read the following instructions before beginning the installation. Mounting and adjusting the Syncra Back should be done without the user in the power chair. Remove the foam and cover from the back shell until the mounting and adjustments are complete. Once complete, replace foam and cover to the shell assembly. After finishing the Syncra Back installation, the user can be seated back in the wheelchair.

1. Tools Required (included with Q700 or Q500 SEDEO PRO power chair):
  - a. 5mm hex key
2. Recommended torque specification is 11.3-12.4 Nm [100-110 in-lbs].

### B. BACK SHELL INSTALLATION

1. Locate four threaded holes in the mounting plate (A) of SEDEO PRO.
2. Using 5mm hex key and four M6 socket head cap screws and washers (B) attach shell bracket (C) to the plate.
3. Using 5mm hex key and four M8 flanged button head cap screws (D), attach shell assembly (E) to the shell bracket (C) in the top holes.

### C. HEIGHT ADJUSTMENT

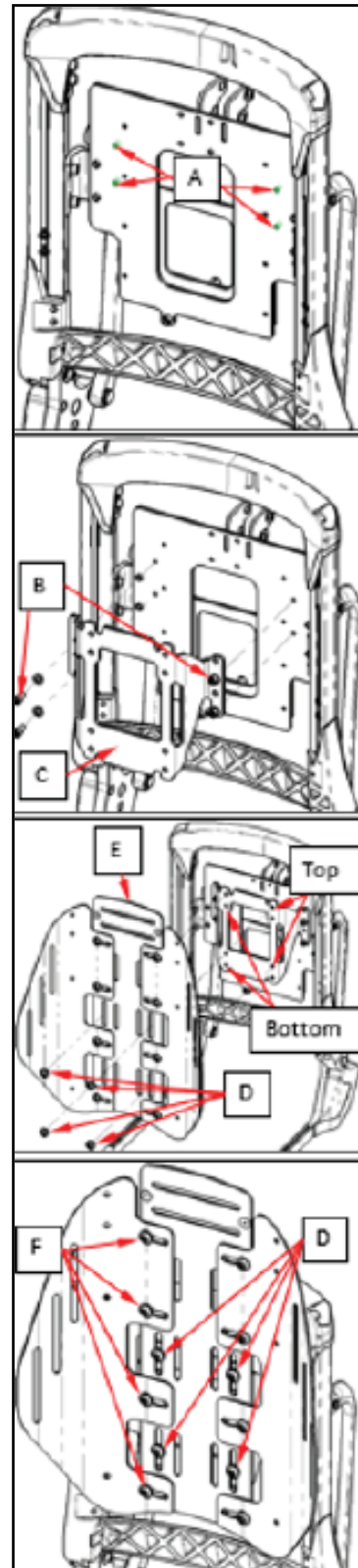
1. Using 5mm hex key, loosen four M8 flanged button head screws (D).
2. Slide shell assembly up or down to desired height.
3. Re-tighten the screws.

2" of height adjustment is available in the shell assembly. If a lower back height is desired, shell assembly (E) can be placed in bottom holes of the bracket.

### D. WIDTH ADJUSTMENT

Shell assembly can grow a total of 2" (1" per each shell side). Foam and cover can accommodate a total of 1" width growth. If more than 1" of width growth is needed, new foam and cover must be ordered in the next size. Please contact your dealer or Sunrise Medical at (800) 333-4000.

1. Using 5mm hex key, loosen four M8 flanged button head screws (F). Depending on height of the shell assembly on the SEDEO PRO back frame, three M8 flanged button head screws may need to be loosened instead of four.
2. Slide each shell wing to desired width.
3. Re-tighten the screws.



E. INSTALLING BACKREST FOAM AND COVER

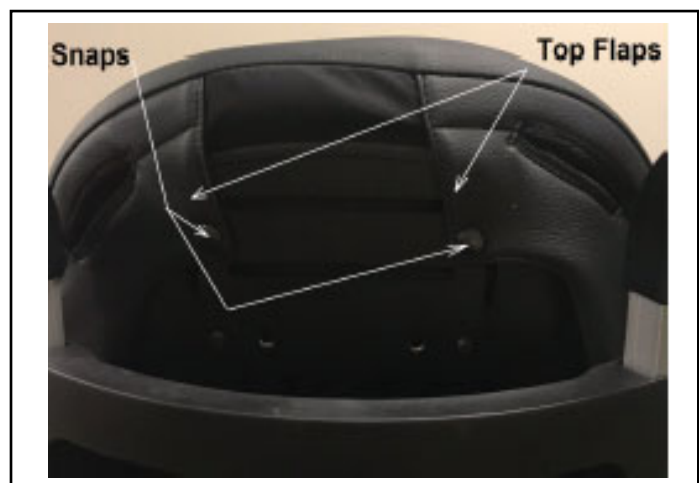
1. Unzip bottom zipper of the cover and the side lateral edges.
2. Insert backrest foam into the cover with the widest section of the foam at the bottom.
3. Zip the bottom zipper of the cover.
4. Place the top edge of the backrest shell under the top flap of the back cover and foam assembly.
5. Snap the fasteners into place.
6. Firmly adhere the back cover and foam assembly to the Velcro® on the inside of the backrest shell and slide the shell edges underneath the flaps on the cover back.
7. Zip the side lateral edges into place.

F. CHECK OUT

**⚠ WARNING**

Ensure that all hardware has been properly tightened according to suggested specifications.

- a. Make sure all screws are securely tightened before use.
- b. Check that the Syncra Back is securely attached to the SEDEO PRO frame monthly by re-tightening all screws.
- c. Double check fit and comfort for the user before putting the Syncra Back into use.
- d. Failure to follow this check out procedure could result in injury and/or damage to your Syncra Back and/or components.














## VI. ACCESSORIES

### A. SPINE ALIGN POSITIONING COMPONENTS (option)

Spine Align Positioning Components are designed to provide intimately shaped support within an “off-the-shelf” back. Depending on your market, Spine Align components may be included with your back. Shown below are some typical components that can be used with your Syncra Back Spine Align system.

Positioning Components	
Large Lumbar	
Small Lumbar	
Wedge	
Curved Shim	
Flat Shim	
Posterior/Lateral Pelvic	
Lateral Shim	
Large Bean Bag	
Small Bean Bag	

1. Spine Align Positioning Components Installation
  - a. Have the user remove pressure from the Syncra Back by leaning or sliding partially forward if possible.
  - b. Undo lateral zippers on cover and peel away from the Velcro®, holding the cover to reveal the shell of the Syncra Back.

- c. Place the positioning component(s) (A) on the Velcro® inside of the shell and re-attach the foam and cover assembly. Pull down, making certain that the top seam is aligned with the top of the shell. If seam does not line up, the bottom of the cover may need to be loosened.
- d. Have the user test the current Spine Align setup for comfort and support and repeat steps a-c until adjustment is complete.
- e. Multiple configurations and combinations of Spine Align components can be used. If additional shapes or sizes are required, please contact your dealer or Sunrise Medical at (800) 333-4000.
- f. Spine Align components may be placed inside the cover, behind the foam, if desired.



## VII. WARRANTY

### 24 MONTH LIMITED WARRANTY

1. Each Jay Syncra Back is carefully inspected and tested to provide peak performance. Every Jay Syncra 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, nor to the back's removable cover.
2. 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.





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