

# JAY<sup>®</sup>

# FUSION<sup>®</sup>

## JAY<sup>®</sup> Fusion<sup>®</sup> Cushion

### 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

## Cojin JAY<sup>®</sup> Fusion<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.*

Manual de  
instrucciones

## Coussin JAY<sup>®</sup> Fusion<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.*

Manuel d'  
instructions

**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, USA  
(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.

**Table of Contents**

General Warnings .....3  
Introduction.....4  
Cushion Adjustability.....5  
Maintenance & Cleaning.....6  
Bottoming Out.....8  
Sunrise Limited Warranty .....9



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

## II. GENERAL WARNINGS

### GENERAL WARNINGS

NOTE - Check all parts for shipping damage. In case of damage, DO NOT use. Contact Carrier/Sunrise for further instructions.

Sunrise Medical recommends that a clinician such as a doctor or therapist experienced in seating and positioning be consulted to determine if a Fusion cushion is appropriate. Cushions should only be installed by an authorized Sunrise Medical Dealer.

#### WARNING

DO NOT install this equipment without first reading and understanding the manual. If you are unable to understand the Warnings, Cautions, and Instructions, contact a qualified clinician or supplier - otherwise injury or damage may occur.

#### WARNING

Hook and Loop Velcro® should not come into prolonged contact with moisture as this may degrade the adhesive and lead to a failure of the Velcro®.

#### WARNING

Installing a cushion on a wheelchair may affect the center of gravity of the wheelchair and may cause the wheelchair to tip backwards, potentially resulting in injury. Always assess for the potential need for anti-tippers or amputee axle adapter brackets to be added to the wheelchair to help increase stability.

#### WARNING

Prior to prolonged sitting, any cushion should be tried for a few hours at a time while a clinician inspects your skin to ensure that red pressure spots are not developing. You should regularly check for skin redness. The clinical indicator for tissue breakdown is skin redness. If your skin develops redness, discontinue the use of the cushion immediately and see your doctor or therapist.

The JAY Fusion Cushion is designed to help reduce pressure. However, no cushion can completely eliminate sitting pressure or prevent pressure sores. The Fusion Cushion is not a substitute for good skin care including, but not limited to: proper diet, cleanliness and regular pressure reliefs.

#### WARNING

DO NOT leave the fluid cushion outside overnight at temperatures below 40° F (5° C) or above 108° F (42° C). Allow the cushion to warm or cool to room temperature before using. Sitting on extremely hot or cold surfaces can cause skin damage.

CAUTION - AVOID SHARP OBJECTS OR EXPOSURE TO EXCESSIVE HEAT OR OPEN FLAME.

#### WARNING

PROPER Fluid Level: The amount of fluid contained in the insert is determined by the clinician during a seating evaluation. This should not be adjusted without a clinician directive as it can alter the pressure relieving properties and lead to injury or damage.

#### WARNING

OBSTRUCTIONS: DO NOT place any obstructions between the user and the cushion as this will reduce product effectiveness.

#### WARNING

CUSHION AND COVER ORIENTATION: Product must be used with the fluid insert facing up. If the cover is not used correctly it may reduce or eliminate the cushion's benefits and could increase risk to the skin and soft tissue.

#### WARNING

Air Insert: refer to applicable warnings in the Air Insert Supplement.

**INTRODUCTION**

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

**JAY FUSION CUSHION**

The Fusion cushion is designed to help reduce pressure. However, no cushion can completely eliminate sitting pressure or prevent pressure sores. The Fusion cushion is not a substitute for good skin care including: proper diet, cleanliness, and regular pressure reliefs.

The JAY Fusion Cushion is designed for clinicians to use with clients who need superior pressure distribution and stability. The Fusion Cushion offers a complete solution to meet a large range of skin protection and positioning needs.

The JAY Fluid with Cryo® Technology Insert, the Air Insert, and the JAY Flow® Fluid Insert are all interchangeable pelvic loading area (PLA) options for the Fusion Cushion.

Maximum user weight:

- 14" to 21" width = 300 lbs
- 22" to 24" width = 500 lbs

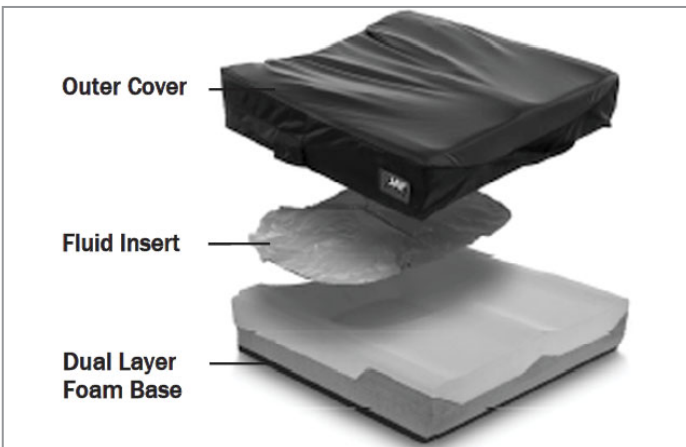
**A. CUSHION ADJUSTABILITY**

Fluid and Air Adjustability

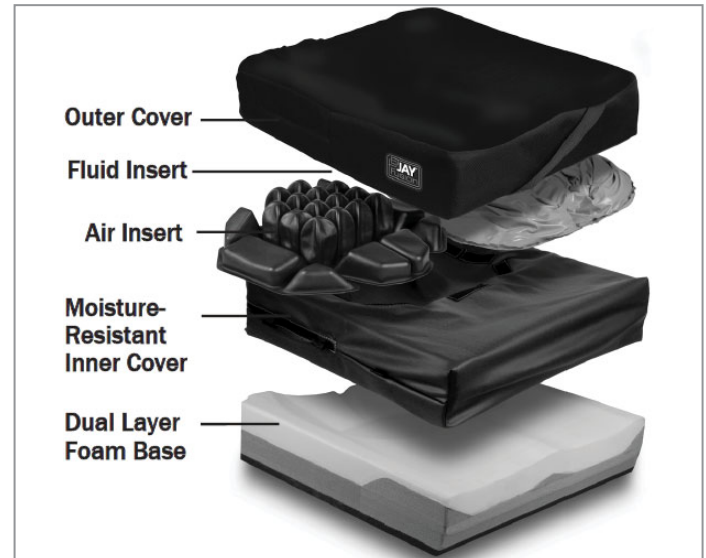
The Fusion Cushion offers volume adjustability to accommodate for user's needs through the determination of the correct amount of fluid made by your clinician during evaluation.

The determination of Air Single or Air Dual models is also made by your clinician during evaluation. The inserts should only be changed at the direction of your clinician.

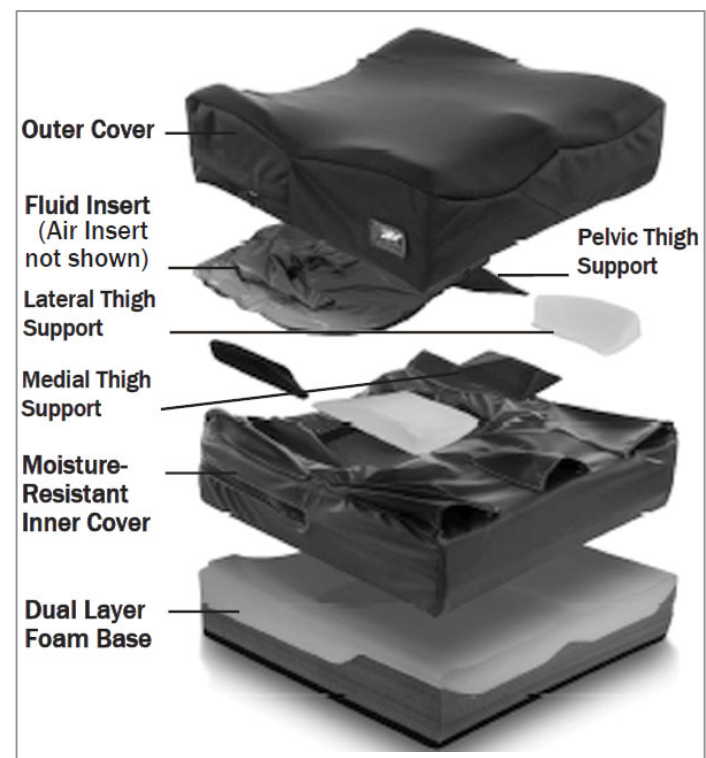
**JAY FUSION CORE**



**JAY FUSION COMPONENTS**



**JAY FUSION WITH POSITIONING**



## IV. CUSHION ADJUSTABILITY

### Adjusting through the Air Insert

The Air Insert version of the Fusion Cushion can be adjusted at any time through the use of the hand pump (provided) and release valve on the Air Insert.

### Obliquity Pads

Obliquity pads are soft foam supplement pads provided upon purchase of a Fusion Cushion featuring JAY Fluid with Cryo Technology or JAY Flow Fluid. To maximize user to cushion interaction, modifications to posture and seating may be accomplished in small, incremental changes using these supplement pads. These small changes may allow the user to physiologically adjust to the cushion and the clinician to manage progress sufficiently. Over time, as the user adapts, the pads may be removed or added to allow for maximum cushion to user contact. Inserts should only be changed at the direction of your clinician.

### WARNING

**Place the JAY Fluid with Cryo Technology, Air Insert, or JAY Flow Fluid insert on the inner cover, making sure that all Velcro® strip locations are aligned. A misalignment or creation of an edge could cause an unwanted pressure point that may lead to injury.**

### FITTING A PRESSURE DISTRIBUTING CUSHION

#### Fitting the cushion

Select a cushion to match your hip width when in the seated position. The cushion length should extend to within 1"-2" (2.5 cm - 5 cm) from the back of the knees. Place the cushion to the back of the wheelchair with the material identification tags and pressure relieving pad toward the rear. When fit correctly, your hips should be to the back of the chair. Your ischials (seat bones) should be centered on the insert in the pelvic loading area of the cushion. Proper footrest adjustment may enhance sitting comfort and help lower peak sitting pressures. Adjust the footrests so your legs rest firmly but comfortably on the cushion.

Avoid using the cushion on overly stretched seat upholstery. Stretched upholstery does not provide adequate support for the cushion and improper positioning may result. Replace stretched upholstery or purchase the JAY Adjustable Solid Seat.

Reference the Air Insert Owner's Manual Supplement for proper fitting and set-up instructions.

### JAY FLUID WITH CRYO TECHNOLOGY MAINTENANCE

JAY Fluid with Cryo Technology is designed for users at high risk for skin breakdown by actively lowering the seated skin surface temperature for up to eight (8) hours. Peak performance for this technology occurs at room temperature and extreme high or low temperatures may affect the performance of the fluid.

#### Recharging the JAY Fluid with Cryo Technology Pad

After eight (8) hours of continued use, the JAY Fluid with Cryo Technology Insert requires a recharge period of 12 hours at room temperature (75° F or 24° C) to reach peak performance.

Recharge time is dependent on ambient temperature and may be accelerated with a lower temperature. Sustained temperatures above 82° F (28° C) will not recharge the insert.

If the fluid insert remains in use after eight (8) hours or the insert remains in a sustained ambient temperature above 82° F (28° C) during recharge, the JAY Fluid with Cryo Technology provides the same pressure distributing and skin protection benefit of the standard JAY Flow Fluid without the active cooling benefit.

**MAINTENANCE & CLEANING**

Monthly cleaning and regular maintenance may help extend the life of your cushion. During cleaning, component inspection is recommended.

Check the cover for tears and excessive wear and replace if ripped, torn, or otherwise not fully functional. Inspect the fluid pad for punctures or any other abnormalities.






Check the foam base to ensure foam consistency. While checking the fluid pad, if you ever feel the fluid is firmer in one area, simply knead the fluid back to its original consistency and/or call your local authorized supplier.

**To clean cover**

1. Remove the cover from the foam base and turn inside out.
2. Machine wash in warm water 60° C (140° F) and drip or tumble dry on low heat.

No ironing required.

**CAUTION** - DO NOT DRY CLEAN COVERS OR USE INDUSTRIAL WASHERS AND DRYERS TO CLEAN COVER. DO NOT STEAM AUTOCLAVE. DO NOT BLEACH.

(Back Cover) Laundry Care Symbols	
	Machine wash in warm water (60° C)
	Only non-chlorine bleach, when needed
	Drip dry
	Do not iron
	Do not dry clean

To refit cover after washing, reinstall the cover on the foam base. Ensure the back of the cover matches up to the back of the foam base.

**NOTE:** If utilized in an industrial setting, write the resident's name with a permanent marker on the content label of the covers. This will help to ensure the return of the covers after washing.

Use only JAY designed cover on JAY cushions. The covers is an important part of allowing the immersion into the fluid insert which redistributes the pressure. Changing the cover will alter this design and its efficacy.

**To clean the fluid insert**

Remove the cover from the foam base. Remove fluid insert from the inner cover and wipe with warm water and soap. Rinse with a clean, damp cloth then wipe dry with a clean cloth.

**CAUTION** - NEVER SUBMERGE THE FLUID INSERT IN ANY LIQUID.

**CAUTION** - AVOID HARSH CLEANING OR ROUGH HANDLING AS THIS MAY LEAD TO A DEGRADATION OF THE FLUID INSERT.

If at any time, the outer cover, inner cover, foam base, fluid insert, or any other component appears to be wearing or you notice a degradation in the texture, contact your supplier/Sunrise Medical for evaluation and further instructions.

**To clean the Air Insert (if applicable)**

Reference the Air Insert Owner's Manual Supplement for proper cleaning instructions.

If at any time, the outer cover, inner cover, foam base, or any other component appears to be wearing or you notice a degradation in the texture, contact your supplier/Sunrise Medical for evaluation and further instructions.

**To clean foam base**

Remove the cover, fluid or air insert, and inner cover from the foam base. Wipe lightly with a damp cloth. Do not use soap. Do not submerge in water. Wipe off with clean cloth. Let completely air dry before reassembly. Reinstall the cover over the foam base. Ensure the back of the cover matches up to the foam base.

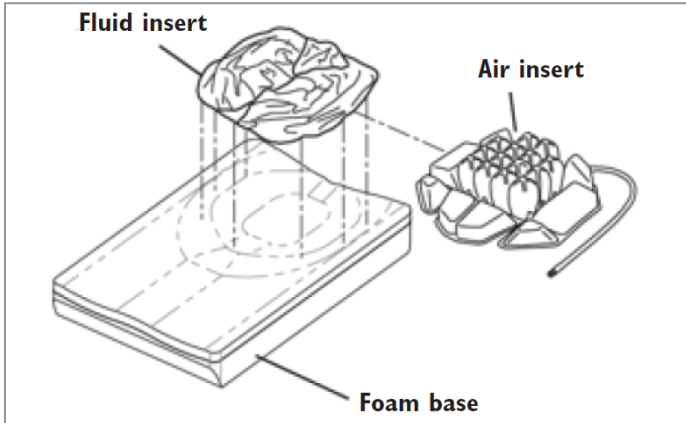
**CAUTION** - NEVER SUBMERGE THE FOAM BASE IN ANY LIQUID.

## V. MAINTENANCE & CLEANING

### REASSEMBLING THE JAY FUSION CUSHION

Follow cleaning and maintenance instructions as described in “Easy maintenance and cleaning” then reassemble as follows.

Insert the foam base/inner cover assembly into the outer cover: Ensure that the zipper is at the rear of the foam base where the pelvic loading area is located.



## A. WHAT IS BOTTOMING OUT?

Bottoming out may occur on a Fusion Cushion if you displace the fluid or air underneath your pelvic bones or buttocks, which would leave you sitting on the foam base. It sometimes occurs on very thin individuals, users with recliner wheelchairs, users who have lost weight or have other changes in body size or shape, or users who slouch when sitting.

**WARNING**

**When bottoming out occurs, increased pressure is placed onto the ischials and coccyx increasing the risk for skin breakdown. Immediately discontinue use of the pad. See your healthcare professional.**

## B. HOW TO CHECK FOR BOTTOMING OUT

**JAY Flow Fluid Pad or JAY Fluid with Cryo Technology Insert**

To check for bottoming out, sit on the cushion with the cover on and the zipper opened for 7-10 minutes. Transfer up and off the cushion (or have someone help you transfer), trying not to disturb the fluid underneath you. Fold the back portion of the cover forward over the front, exposing the fluid insert. Push down in the depressions on the pad where your ischials (seat bones) and coccyx (tailbone) were. You should have to push through at least 1/2" (1.3 cm) of fluid before you feel the firm cushion base below

1/2" (1.3 cm) is approximately this deep.

If the cushion is properly positioned, the footrests are properly adjusted, and there is not at least the minimum 1/2" (1.3 cm) of fluid, the cushion is bottoming out and should not be used. If you are bottoming out, discontinue use of the cushion and see your clinician. Usually bottoming out is easily solved by ordering additional fluid in the form of an Overfill. Call your local authorized supplier to see if this is appropriate for you.

**Air Insert**

Reference the Air Insert Owner's Manual Supplement for instructions on preventing and checking for bottoming out.

## C. WHEN TO CHECK

With JAY Flow Fluid or JAY Fluid with Cryo Technology insert, check every month when you clean the cushion.

With Air Insert, check daily.



## VII. SUNRISE LIMITED WARRANTY

### JAY FUSION CUSHION WARRANTY

Each JAY Fusion Cushion is carefully inspected and tested to provide peak performance. Every JAY Fusion Cushion 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 Cushion's removable cover.

The removable cover is guaranteed to be free from defects in materials and workmanship for a period of six (6) months from the date of purchase, provided normal use. Should a defect in materials or workmanship occur within six (6) months from the original date of purchase, Sunrise Medical will, at its option, repair or replace it without charge.

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 no 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.

### ADDITIONAL WARRANTY INFORMATION FOR SUNRISE MEDICAL PTY LTD IN AUSTRALIA ONLY:

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 replacement or refund for a major failure and for compensation for any reasonable 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.

### JAY Flow Fluid and JAY Fluid with Cryo Technology Insert

Consult your healthcare professional for proper fitting and use, and read the following statements carefully.

### JAY Flow Fluid and JAY Fluid with Cryo Technology Insert Policy

If a clinician, Certified Rehab professional, or Authorized Sunrise Medical Supplier has determined that the fluid volume is inappropriate for the original purchaser, Sunrise Medical, during the warranty life of the product, will replace the fluid pad free of charge. Requests must be submitted by an authorized Sunrise Medical Supplier.

- The fluid in this cushion may lose volume over time.
- Volume loss in this cushion may result in bottoming out of the cushion.
- Monthly, during routine cleaning and inspection, check this cushion for bottoming out (see instructions under "Checking for Bottoming Out" in the owner's manual) and any fluid inconsistencies. If the fluid is firmer in one area, simply knead it back to its original consistency.
- If bottoming out occurs, discontinue use of this cushion and contact your healthcare professional. If further assistance is necessary, contact Sunrise Medical Customer Service at (800) 333-4000.

### Air Insert

Reference the Air Insert Owner's Manual Supplement for additional use and care guidelines.





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