

# JAY<sup>®</sup>

## FUSION

# JAY<sup>®</sup> Fusion 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

**NOTE:** Check all parts from 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 supplier.

## GENERAL WARNINGS

### WARNING

DO NOT install this equipment without first reading and understanding this 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 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.

### WARNING

Do not leave the fluid cushion outside overnight at temperatures below 40° F (5° C). Allow the cushion to warm to room temperature before using. Sitting on extremely cold or hot 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 because it 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 Cell Bladder:** refer to applicable warnings in the Air Insert Supplement.

## INTRODUCTION

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.

**Maximum user weight:** 14" to 21" width = 300 lbs  
22" to 24" width = 500 lbs

## CUSHION ADJUSTABILITY

### Fluid and Air Adjustability

The Fusion Cushion offers volume adjustability to accommodate for users 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.

### Adjusting through the Air Cell Bladder Insert

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

## FITTING A PRESSURE DISTRIBUTING CUSHION

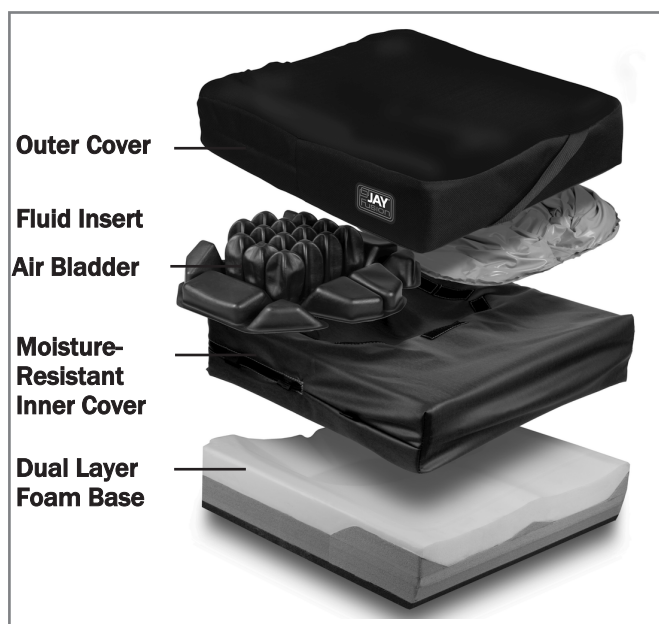
### Fitting the cushion

Select a cushion to match your hip width when in the seated position. The cushion length should extend to within 1" - 2" (2.5cm -5cm) 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.

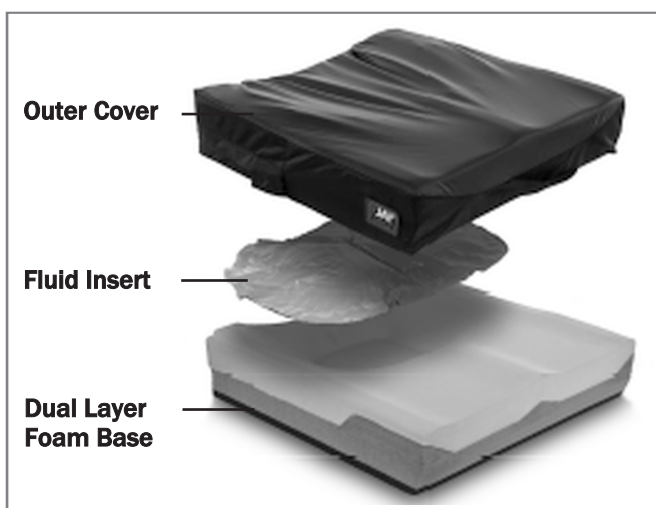
Avoid using the cushion on overly stretched seat upholstery. Stretched upholstery does not provide adequate support for the cushion and improper positioning may result. Replace stretched upholstery or purchase the JAY Adjustable Solid Seat.

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

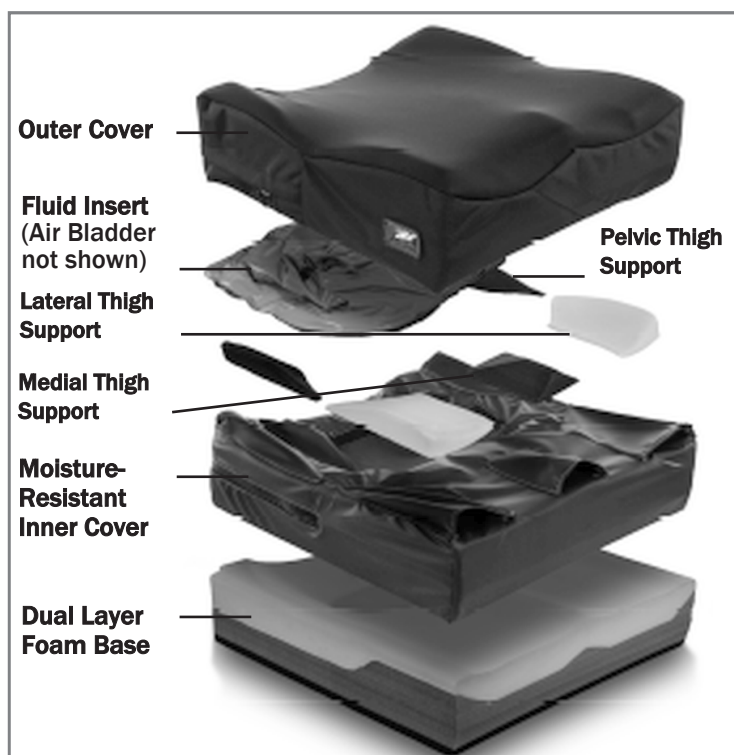
## JAY FUSION COMPONENTS



## JAY FUSION CORE



## JAY FUSION WITH POSITIONING



## EASY 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 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.

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 institutional 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 covers on JAY cushions. The cover 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 foam base

Remove the cover, fluid pad, 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 a clean cloth. Let it completely air-dry before reassembly.

**NOTE:** Avoid submersion of the foam base in water.

Reinstall the cover over foam base. Ensure the back of the cover matches up to the back of the foam base.

### To clean fluid pad

Remove the cover from the foam base. Remove fluid pad 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 PAD 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 for evaluation and further instructions.

### To clean the Air Cell Bladder (If applicable),

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

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

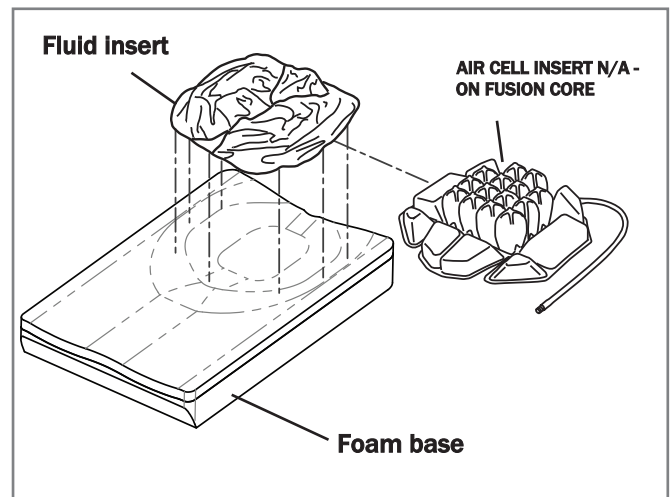
## REASSEMBLING THE JAY FUSION CUSHION AFTER CLEANING

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

### WARNING

Place the JAY Fluid or Air Cell Bladder 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 which could lead to injury.

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.



## 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, people using recliner wheelchairs, people who have lost weight or have other changes in body size or shape, or people 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.**

## HOW TO CHECK FOR BOTTOMING OUT

### JAY Flow Fluid Pad

To check for bottoming out, sit on the cushion, with the cover on and the zipper opened, for seven to ten 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 pad. 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 Cell Bladder

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

## WHEN TO CHECK

With JAY Flow Fluid, check every month when you clean it.

With Air Cell Bladder, check daily.

## WARRANTY

### JAY FUSION CUSHION WARRANTY

Each JAY cushion is carefully inspected and tested to provide peak performance. Every JAY 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 is no implied warranty beyond what is contained herein. 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.

### JAY Flow Fluid Pad

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

#### Fluid Pad 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 the cushion.
- Monthly, during routine cleaning and inspection, check this cushion for bottoming out (see instructions under "checking for bottoming out" in the warranty use and care guide) 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 Cell Bladder

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

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