

JAY XT270 Adjustable Solid Seat Owner's Manual



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JAY® Adjustable Solid Seat

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.

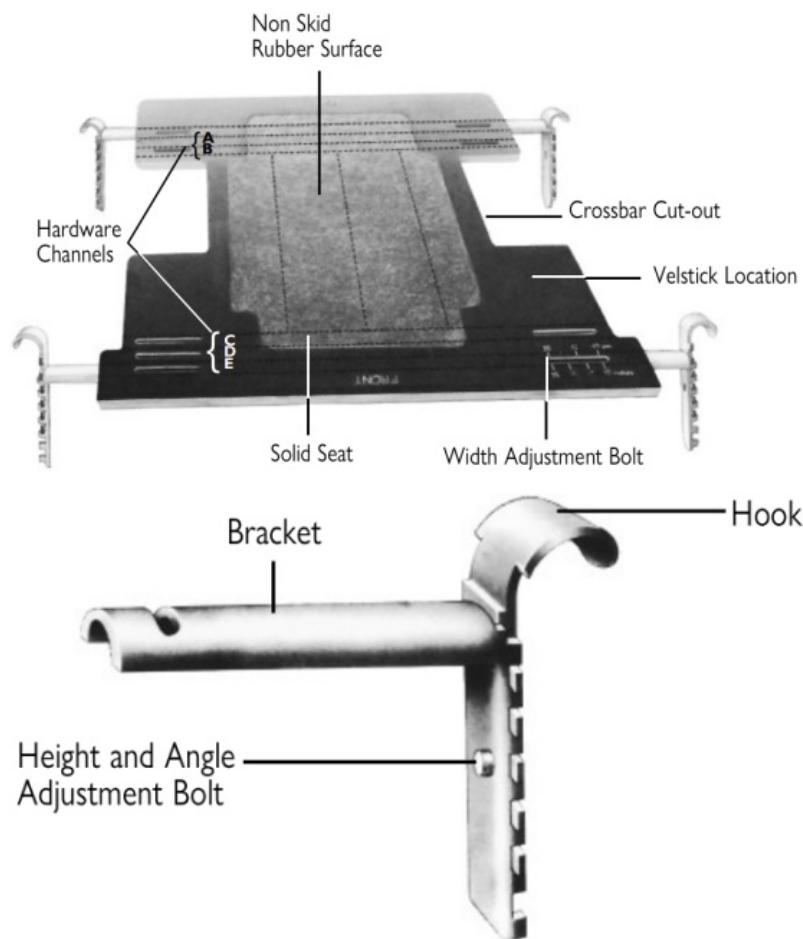
USER: Before using this product, read this entire manual and save for future reference.

THE JAY® ADJUSTABLE SOLID SEAT – 270 SERIES MODELS

Maximum user weight: 250 lbs. (113 kg)

⚠️ CAUTION:

Installing a cushion on a wheelchair may affect the center of gravity of the wheelchair and may cause the chair 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.



Hook Retainer



Hook Stopper



The Jay Adjustable Solid Seat is designed to provide a customized base of support for your wheelchair cushion. Please follow the instructions below to ensure proper fitting of the Adjustable Solid Seat to your wheelchair. Proper wheelchair seating is best prescribed and installed under the supervision of a doctor or therapist. Professional re-evaluation of the seating system on a yearly basis is also recommended.

Remove Seat Upholstery from Your Wheelchair

The Solid Seat will replace your existing upholstery. Sometimes the screws holding the upholstery in place are used to hold post guides into the rear end of seat rails. If so, these particular screws (and concealed springs) will have to be re-attached to your wheelchair's seat rails.

Optional Velstick® Installation

The Solid Seat has two square depressions on the top, front portion which are designed for Velstick fastening patches. The Jay J2® and Jay GS® Cushions have Velcro® patches on the bottom. When these patches are in place on the Solid Seat, the seat and the cushion will fasten together. This attachment helps prevent the cushion from sliding.

To install, place Velstick squares, rough side up, into the depressions on top of the seat. Press "legs" of rivets into holes of each piece of Velstick, and into the hole in the seat. The "pin" of the rivet will stick up. Use a small hammer to drive the pin down into the rivet, just flush with the cap. Hit the pin squarely with several firm strikes to drive the pin into location.

Width Adjustment

Begin by assembling hardware into channels “B” and “D” (as shown at left). Do this by holding each bracket in the channel selected, and placing the bolt provided through the top of the seat and the slot in the bracket. Thread nut on several turns. Slide hardware out to either side to correspond to the width of your wheelchair. (If you don’t know your wheelchair width, measure from the outer edge of one seat rail to the outer edge of the other). Tighten all fasteners to 3.4 Nm [30 in-lbs] using a Phillips No. 2 screwdriver and a 7/16-in wrench. Try placing the Solid Seat onto wheelchair rails. It should slip on and off easily without getting caught on any of your wheelchair’s hardware.

Fitting Hints:

- Ease of attachment/detachment might be improved by narrowing or widening hardware attachment by one notch (1/4-in or 1/2 cm).
- When extending seat width, there will be a noticeable gap between the side of your seat and your seat rails. This gap will not cause a problem as long as you have the firm base of sup-port provided by the Jay J2 Cushion. Softer cushions might make it necessary for your dealer to insert a thin plywood insert into your cushion cover.

Length Adjustment

For a longer seat length, position Solid Seat 1-in (2.5 cm) forward of the rear vertical posts of your wheelchair. If front hooks are less than 1-in (2.5 cm) from front end of seat rails, then remove front hardware and move it to the alternate channel directly behind it.

Note: If your cushion length is longer than the seat, it must be firm enough not to sag beyond the end of the Solid Seat. Ajay 12 Cushion is firm enough to extend up to 2in (5 cm) beyond the seat depth without adversely affecting its performance

To shorten seat depth, slide seat backward so that rear 1-in (2.5 cm) is between the posts of your chair

To shorten seat depth to more than 1-in (2.5 cm) use a handsaw to cut the desired lengths off front and back of Solid Seat.

Fitting Hints:

- Once you have determined the position of your Solid Seat on your wheelchair, you

may find that the hooks interfere with the hardware that is particular to your wheelchair. If this is the case, reposition those hardware hooks and the brackets to an alternate channel

- If shortening your Solid Seat, make sure that the cross bar cut-outs on seat match your wheel chair. Also make sure that channels to be used for Solid Seat hardware permit installation of Solid Seat in a position where it doesn't interfere with other accessories mounted to your wheelchair rails.

Height Adjustment

Lowering your seat height can assist in compensating for cushion thickness. If you propel with your legs, it can help your feet reach the floor. Similarly, raising seating height can help increase leg support on your cushion. To adjust height, simply unscrew height adjustment bolt to a point where the teeth disengage. This will permit you to raise the hook (to lower seat height) by up to 1.5-in (4 cm). This can be done in 1/2-in (1 cm) increments. Similarly, lowering the hook will raise seating height by up to 1-in (2.5 cm).

Angle Adjustment

You can change the angle of your Solid Seat by adjusting front and back hooks at different heights. For example, angling the seat backwards is often helpful in holding the hips to the back of the wheelchair. Similarly, a side-to-side slant of the seat can help to accommodate a fixed pelvic obliquity. (Make these adjustments only under the supervision of your doctor or therapist).

Note: Once you have finalized the height and angle of your seat, you will need to adjust the hooks so that they are level on your wheelchair's rails. To do this, loosen the width adjustment bolts and push the seat firmly onto the rails. This will cause the brackets to rotate in their seat channels until the hooks rest flatly on the wheelchair rails. Once this happens, retighten the width adjustment bolts.

Secure Hook Retainers and Stopper

You should now be ready to secure the restraining hardware onto your wheelchair rails. Snap the two hook retainers behind the mar hooks as shown below. These will prevent your Seat from accidentally popping out of the wheelchair. Snap hook stopper 1/4-in (1/2) cm) forward of one front hook. This will prevent your Seat from sliding forward

Retainers and stopper should be secured tightly to wheelchair rails with the nuts and bolts provided. Tighten all fasteners to 1.7 Nm [15 in-lbs] using a Phillips No. 2 screwdriver. Point the heads of the bolts to the outside of the wheelchair

Note: Enclosed are three lengths of 8-32 bolts. Use

- the 8 – 32 * 3 / 4 – 4r 1.9 cm) when the stopper is mounted on 7/8-in tubing
- the 8-32 x 1-n (2.5 cm) when the stopper and/or retainers are mounted on 1-in (2.5 cm) diameter tubing
- the 8.32 * 1 – 1/4 – 11 (3.2 cm) when the stopper and/or retainers are mounted over “rivnut” threaded insert on 1-in (2.5 cm) diameter tubing

⚠ WARNING:

Using bolt longer than required can interfere with installation and removal of seat. To install Solid Seat, simply slide rear hooks under the rear hook retainers and drop front hook behind hook stopper

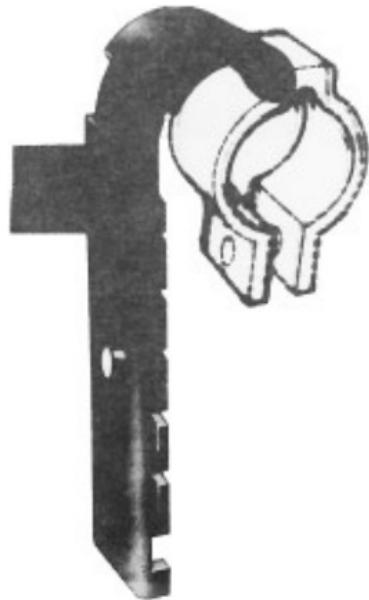
Note: If hook retainers or stopper cannot be installed due to interference with hard-ware on your wheelchair, you might need to select an alternate channel for your brackets and hooks.

To permanently install the Solid Seat into your wheelchair, simply install the left rear hook retainer on the left front rail and point retainer to the rear (Your right rear hook retainer should be installed in the normal position)

Use hook retainers behind rear hooks



Use hook stopper 1/4-in (5 cm) forward of one front hook



Threadlocker Application

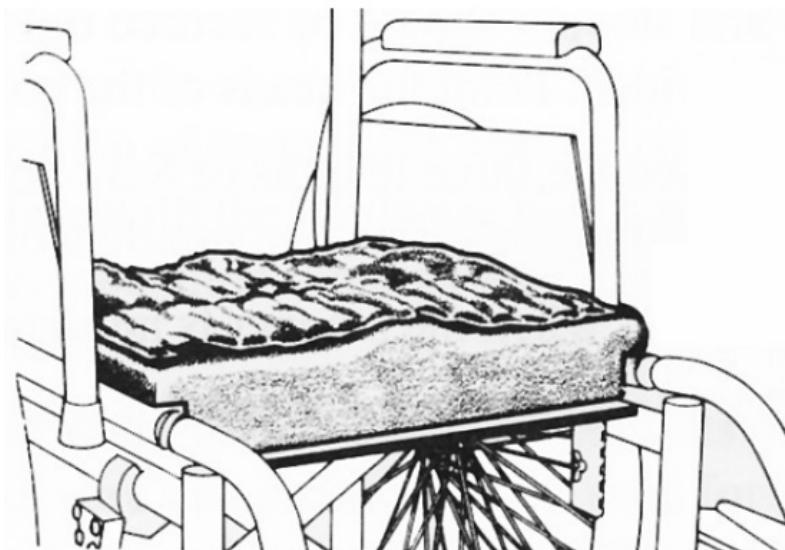
Enclosed is a tube of threadlocker fluid. After the Solid Seat has been adjusted to fit the wheel-chair, apply one drop of the Threadlocker fluid to the threads of each bolt where the threads extend out from the nut or bracket. This will prevent the bolts from loosening.

Note: The threadlocker fluid does not air dry. Excess fluid may be wiped off after five minutes.

MODIFYING YOUR CUSHION TO YOUR DROPPED OR ANGLED SEAT

Should you choose to drop or angle your Solid Seat, you will need to modify your cushion to fit over your wheelchair rails and crossbars. (Cushion modifications are not necessary for level or raised seats.) A Jay J2 Cushion is most appropriate for this type of

modification. Do not attempt to modify your cushion yourself as special equipment is necessary. These modifications should be done by your dealer or by Sunrise.



Modification: Cushion cut for dropped seat

SOLID SEAT LIP KIT AVAILABLE

This kit is used to locate the cushion in a specific place on the Solid Seat and prevent the cushion from sliding. It includes two "Lips" which mount easily to the Solid Seat. It is especially helpful when using the Jay GS Growth and Positioning System for children.

MONTH LIMITED WARRANTY

Each Jay Adjustable Solid Seat is carefully inspected and tested to provide peak performance. Every Jay Adjustable Solid Seat 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.

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-con-forming goods sold.

OTHER JAY MEDICAL PRODUCTS

Jay J2 Back:

The first truly integrated back support for your wheelchair. The J2 Back is comfortable, adaptable, and lightweight. Lateral supports, angle adjustability, and simple one-handed removal and attachment make the J2 Back the most sophisticated back support available today. A back support has never been so important.

Jay J2 Cushion:

The simplest, most reliable, pressure relieving wheelchair cushion available today! The J2 Cushion is lightweight, requires virtually no maintenance, and is the most widely-accepted pressure relieving cushion in the world.

Jay Protector for bath, car, recreation:

Ask your supplier for a free demonstration of the Jay Protector. It helps protect your skin from pressure sores when you leave your wheelchair.

Sunrise Medical S.r.l. Via Riva, 20-Montale 29122 Piacenza
Italia

Tel: +39 0523 573111

www.SunriseMedical.it

Sunrise Medical Australia
11 Daniel Street Wetherill Park NSW 2164 Australia
Ph: +61 2 9678 6600

Email enquiries@sunrisemedcal.com.au
www.SunriseMedical.com.au



Sunrise Medical (US) LLC North American Headquarters 12002 Volunteer Blvd. Mount Juliet, TN 37122, USA
[800-333-4000](tel:8003334000)
[800-300-7502](tel:8003007502)
www.SunriseMedical.com

Sunrise Medical GmbH Kahlbachring 2-4 D-69254 Malsch Deutschland Tel.: +49 (0) 7253/980-0 Fax: +49 (0) 7253/980-222
www.SunriseMedical.de

Sunrise Medical Ltd. Thorns Road Brierley Hill West Midlands DY5 2LD England
Phone: 0845 605 66 88
Fax: 0845 605 66 89
www.SunriseMedical.co.uk

Sunrise Medical Canada Inc. 1000 Credit stone Rd., Unit #2 Concord, ON, L4K 4P8 Canada
Phone: 1-800-263-3390
Fax: 1-800-561-5834
www.SunriseMedical.ca



Documents / Resources

The image shows the front cover of the "JAY XT270 Adjustable Solid Seat" owner's manual. The cover is white with the "JAY" logo at the top left. The title "XT270 Adjustable Solid Seat" is printed in large, bold, black letters. Below the title, there is smaller text and a barcode.	<p>JAY XT270 Adjustable Solid Seat [pdf] Owner's Manual XT270 Rev. I, XT270 Adjustable Solid Seat, XT270, Adjustable Solid Seat, Solid Seat, Seat</p>
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References

- [User Manual](#)

🏷 Adjustable Solid Seat, JaY, Seat, Solid Seat, XT270, XT270 Adjustable Solid Seat, XT270 Rev.

📁 JaY

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