Owner's Handbook:

Ride™ JAVA® Decaf Adjustable Back Support

Ride Designs®
a branch of Aspen Seating, LLC

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Littleton, Colorado 80120 USA

toll-free (U.S. Only): 866.781.1633
phone: 303.781.1633
www.ridedesigns.com

Supplier: This manual must be transferred to the end user of this product as it contains important information for proper use of this product.

User: Carefully read this entire manual prior to using this product and keep for future reference.

Intended Use and Installation Instructions

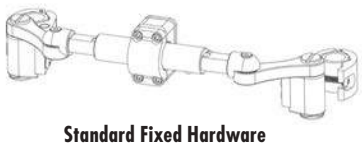
Intended Use

Your Ride Designs® Java® Decaf Back Support is an Adjustable Wheelchair Back Support that has been carefully constructed to meet your posture and skin integrity needs and has been designed to be mounted to multiple wheelchair styles and sizes to aid in supporting and positioning of wheelchair users.

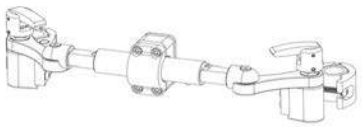
Weight Capacity

Maximum user weight is 200 pounds (91kg).

Mounting Hardware



Standard Fixed Hardware

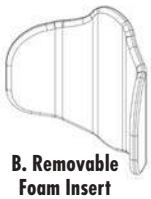


Optional "Quick-Release" Hardware

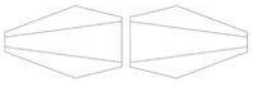
Back Shell Assembly

Cover Assembly

A. Outer Cover



B. Removable Foam Insert



C. Pelvic Wedges

D. Flexa-just Accessories

Shell Height Options

Regular

Tall

General Product Safety

Safe application of this product depends upon your good judgment and common sense, as well as that of your provider, caregiver, and/or healthcare professional, and your attentiveness in following the cautions, notes, and instructions in this manual.

NOTE: We have compiled this manual from the latest specifications and product information available at the time of publication. We reserve the right to make changes as they become necessary. Any changes to our products might cause slight variations between the illustrations and explanations in this manual and the product you have purchased. Always contact your nearest authorized Ride Designs supplier or distributor for the latest literature and information.

⚠ WARNING: Failure to heed these instructions could result in damage to the product or injury to the user.

⚠ All Ride Designs support surfaces are designed to help reduce the incidence of pressure sores. However, no back support can completely eliminate sitting pressure or prevent pressure sores. The Ride Java Decaf back support is not a substitute for good skin care including proper diet, cleanliness, and regular pressure relief techniques.

⚠ Installation of any back rest on your wheelchair might alter your center of gravity within the wheelchair. A recessed back position might cause the wheelchair to tip backwards, potentially resulting in injury. Always assess the need for anti-tippers or amputee axle adapter brackets to be added to your wheelchair to help increase stability. Similarly, a more forward back position might reduce the forward stability of the wheelchair, increasing risk of tipping forward, with potential for injury.

⚠ Do not use your Java Decaf Back without the foam insert and cover in place.

⚠ Failure to properly place and secure the Java Decaf Back to your wheelchair might result in injury.

⚠ Do not lift the wheelchair by the Java Decaf Back.

⚠ This product should be installed and fitted by a qualified and competent healthcare professional. Failure to accurately assess and adjust the fit of the Java Decaf Back Support could result in injury to the user.

⚠ Please read this instruction manual before using this product.

Available Sizes

The Java Decaf Back is available in a range of sizes. Please visit www.ridedesigns.com for the most current information on size availability.

Installation Instructions

We recommend that a therapist or authorized Ride Designs supplier perform the initial fitting of your back support. Your Java Decaf Back is designed so that pelvic support and trunk balance can be adjusted independently of each other. Lateral pelvic wedges and the new Flexa-just™ support provides additional support and stability when needed.

The Decaf Back consists of four components: 1) mounting hardware, 2) Flexa-just accessories, 3) the back shell, and 4) the removable foam insert and cover.

Tools and Hardware

The Decaf Back comes fully assembled and ready to install. The tools you need to install and adjust the Decaf Back are included in the package:

- 4mm Allen wrench
- 2.5mm Allen wrench
- 10mm / 7/16" (11mm) open end wrench
- 5/8" (16mm) open end wrench

A plastic bag with two screws also comes packed with the Decaf Back. They are needed only when installing the Decaf Back on wheelchairs with ¾" (1.9cm) diameter back canes.

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Installing Mounting Hardware

⚠ No one should be seated in the wheelchair during the first four steps.

NOTE: Fastener torques not to exceed 75 in. - lbs. (8.5Nm) unless otherwise specified. If torque is specified for a piece of hardware, it is recommended that a torque meter (not included) should be used to ensure proper torque setting.

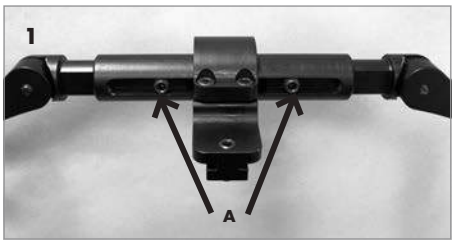
At left is a Ride Decaf Back properly installed on wheelchair back canes with FlexLoc hardware.

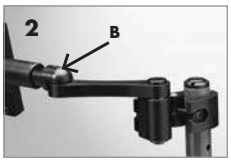
NOTE: This picture depicts a typical installation of the standard fixed mount (non-removable) Decaf Back onto a wheelchair with conventional back canes. A quick release option, as shown below, is available for an upcharge through Ride Designs.

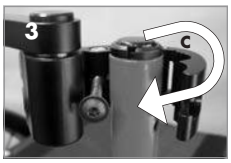
A variety of alternatives to this configuration are possible. Contact Ride Designs toll-free (U.S. only) at 866.781.1633, or contact your nearest Ride Designs supplier, to explore solutions to your unique interface challenge.

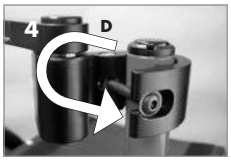
⚠ WARNING: The Java Decaf hardware clamp is designed to mount to round tubing only. Mounting the clamp to non-round tubing may not be sufficiently secure and could result in injury to the user.

Contact your Ride Designs authorized provider regarding available adapters and alternative mounting options.









Attach FlexLoc® hardware to wheelchair back canes

1. Loosen width adjustment set screws (A, Illustration 1) and pivot screws (B, Illustration 2) so that the FlexLoc hardware can be adjusted in width to match wheelchair width.

2. Swing clamp hinge (C, Illustration 3) around back cane.

3. Swing clamping screw (D, Illustration 4) into clamp hinge and gently tighten with 4mm allen wrench.

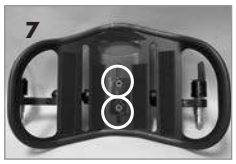
NOTE: The Decaf hardware comes preassembled with the correct clamping screw for 7/8" (2.2cm) and 1" (2.5cm) diameter tubing. If clamping to ¾" (1.9cm) tubing, replace screws with shorter screws included with the hardware.

4. Repeat steps 2 and 3 on opposite side of wheelchair.

5. Gently snug all fasteners:

- Two clamp screws (D, Illustration 4)
- Two pivot screws (B, Illustration 2)
- Four back angle screws (E, Illustration 5)
- Two width adjustment set screws (A, Illustration 1)

You are now ready to adjust the hardware for back fitting.



Adjusting FlexLoc for back fit

1. Adjust back height.

a. Loosen clamp screws and slide FlexLoc up/down on back canes (Illustration 6), AND/OR

b. Loosen back height set screws and slide back up/down on slot (Illustration 7).

Once desired height is achieved, gently tighten screws again.

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2. Adjust back angle.

a. Loosen back angle screws (Illustration 8) and adjust back angle to desired orientation.

b. Loosening of these screws also provides for lateral movement of center clamp along connecting tube for lateral adjustment of back support.

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3. Adjust seat depth and vertical rotation.

a. Loosening of pivot screws and width adjustment set screws allows for seat depth and vertical rotation adjustment as shown (Illustration 9).

NOTE: Pivot screws must be loosened sufficiently to separate teeth to allow movement.

Adjusting the Flexa-just Stays

1. The Flexa-just stays are thin aluminum strips inserted into pockets on the inside surface of the back cover, behind the foam pads. NOTE: The Flexa-just stays can be bent to provide comfortable support to the gluteal area below the level of the back shell. Depending on the unique needs of the user, you can easily adjust the stays to provide the correct amount of support. The stays are easy to bend using hand pressure—no tools are required (Illustration 10).

2. The stays can be bent while the user is sitting in the wheelchair. Simply insert your hand between the foam insert and the sitter, grasp the lower portion of the stays through the cover and foam insert, and bend in the amount and direction needed to apply comfortable support.

3. If opening the back angle causes undesirable pressure or discomfort in the gluteal area, simply bend the Flexa-just stays posteriorly to accommodate and comfortably support the gluteal soft tissue.

4. If there is insufficient contact with the gluteal soft tissue, bend the stays anteriorly to provide optimum support.

Installing the Pelvic Wedges

NOTE: If you determine that further posterior lateral pelvic support is necessary, use the pelvic wedges to provide greater control at the posterior lateral iliac crests. See Illustration 11 for suggested orientation of pelvic wedges.

1. For evaluation, have the user lean forward enough for you to position the pelvic wedges on the front of the foam insert cover to establish where they should be installed.

2. Have the user lean back, and fine-tune the height and distance from the center for each pelvic wedge.

3. Have the user lean forward or transfer from the chair, and remove the foam insert and cover from the back shell.

4. Open the cover and attach the pelvic wedges to the front surface of the Flexa-just platform, behind the foam pad, at the height and width you determined during assessment. Press the hook and loop fasteners together firmly to hold the pelvic wedges in place.

5. Close the cover and reinstall the foam insert and cover on the chair.

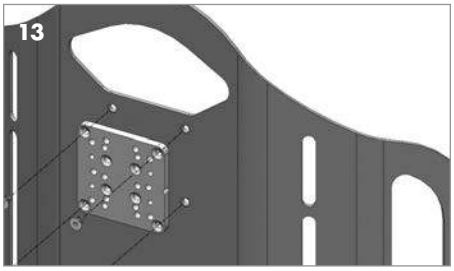
6. The user can now transfer back into the wheelchair.

7. Check the position of the pelvic supports and verify that the user has appropriate balance and control.

Installing the Optional Lateral Trunk Supports

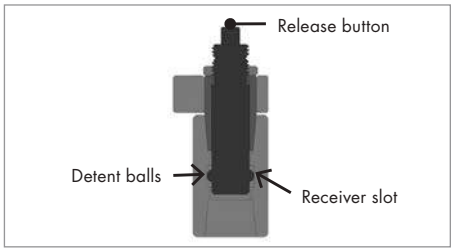
Follow the instructions included with the lateral trunk supports.

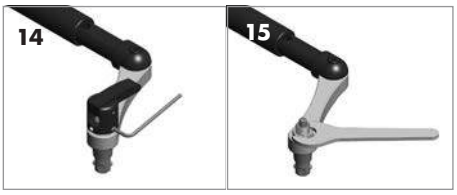
NOTE: If you are not installing the optional lateral trunk supports, go to next section.

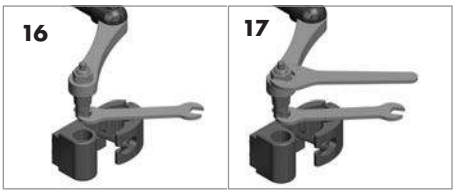


Installing a Universal Headrest Mount

The tall Decaf back shell has provisions for attaching a Universal Headrest Mount, which is available through your Ride Designs supplier. The Universal Headrest Mount accepts most commercially available headrests. To attach the Universal Headrest Mount, use the mounting hardware provided (Illustration 13).







Quick Release Adjustment

Note: Only required if your Java Decaf Back is equipped with quick release hardware and pin comes out or requires adjustment.

1. Using a 2.5mm Allen wrench, loosen all three set screws and remove lever arm assembly (Illustration 14).

2. Using a 5/8" (16mm) open end wrench, loosen the hex nut (Illustration 15). Do not loosen nut past the groove in the pin.

3. Adjust pin by twisting pin a quarter turn at a time with a 7/16" (11mm) wrench until detent balls engage and disengage properly (Illustration 16).

⚠ WARNING: Ensure pin with detent balls cannot be pulled out of receiver block without pressing the release button.

⚠ WARNING: Failure to adjust the quick release pin so that the detent balls fully engage in the receiver block slot could result in the backrest coming off of the wheelchair unintentionally, which could result in injury.

4. Once the pin has been adjusted properly, tighten the hex nut using the 5/8" (16mm) open end wrench while holding pin body with a 7/16" (11mm) wrench (Illustration 17).

5. Reinstall lever arm assembly using the 2.5mm allen wrench making sure the three set screws align with the groove in the pin (Illustration 18).

Once adjustments are completed, ensure all fasteners are securely tightened.

Visit www.ridedesigns.com for additional instructions.

Ensure all Fasteners are secure

Recheck all of the fasteners and tighten them securely.

Initial wearing schedule

Prior to prolonged sitting, you should use your Ride Decaf Back for a short period of time and visually check any area that contacts the back support. Any reddened area should fade within 10-30 minutes. Contact your doctor or therapist if redness persists for longer than 30 minutes. As long as skin inspections do not show red areas persisting more than 30 minutes, you are safe to continue use. Make a careful skin check at least daily, even after skin tolerance is established. Continue to perform routine intermittent pressure relief techniques (forward lean) as advised by your healthcare professional.

⚠ If any redness associated with the use of the Java Decaf Back persists for longer than 30 minutes, cease using and contact your therapist or doctor immediately.

Follow-up

We recommend you have your seated posture and skin integrity checked by your healthcare professional at least annually, or whenever you experience a change in your weight, posture, or general condition that could impact your ability to sit safely, comfortably, and functionally.

Retighten all of the fasteners regularly, and periodically check the hardware for security and wear.

Laundry Care Symbols	
40	Machine wash warm water (40˚ C)
	Do not bleach
	Drip dry
	Do not dry clean
	Do not iron

Care and Maintenance of your Ride Java Decaf Back

Cleaning the Java Decaf Back foam insert and cover

1. Remove the foam insert and cover from the Decaf back shell.

2. Open the cover and remove the foam pad, Flexa-just stays (make note of left and right, and direction of bend), and flexa-just platform with pelvic wedges from the outer cover. Note: Ride Designs recommends using a permanent marker to carefully outline the position of the pelvic wedges so that you can reattach them in the same positions if moved during cleaning.

3. Close the cover. Machine or hand wash the cover in warm water (40˚ C, regular detergent, no bleach).

4. Hang dry.

Cleaning the Java Decaf Back shell and hardware

Using a damp cloth or mild disinfectant, clean the shell, pelvic wedges, and mounting hardware as needed.

⚠ CAUTION: Do not clean your Decaf Back with isopropyl alcohol or any other chemical solvents.

Assembling the outer cover

1. Re-attach pelvic wedges to Flexa-just platform then roll up the foam pad and Flexa-just platform together to make installation into the cover easier (Illustration 19).

Installing the Flexa-just stays or new pelvic wedges in the wrong position could result in injury to the user.

2. Insert the foam pad and Flexa-just platform into the outer cover with flap folded back for maximum access to cover opening (Illustration 20).

3. Spread out foam pad and Flexa-just platform inside the cover taking care to ensure they are inserted as far as possible into the interior perimeter edges of the cover (Illustration 21).

4. Close the cover by pulling sufficiently on the cover flap to ensure full engagement of the hook and loop materials (Illustration 22).

Attaching Java Decaf cover assembly to back shell

1. Feed plastic clip through handle opening and attach to top of back shell (Illustrations 23 and 24).

2. Wrap cover over back shell pulling from the bottom of the cover. Take care that the cover is centered with the back shell (Illustration 25).

3. Push cover into back shell firmly to ensure joining of hook and loop fasteners on cover and back shell.

Motor vehicle safety

Your Ride Java Decaf Back Support has undergone dynamic testing for use in a motor vehicle per RESNA WC-4:2012, Section 20 and ISO 16840-4. The Ride Java Decaf Back Support along with FlexLoc attachment hardware meets all applicable criteria for wheelchair back supports per section 5.1 of WC-4, Section 20 and ISO 16840-4.

⚠ WARNING: FAILURE TO HEED THESE WARNINGS AND INSTRUCTIONS COULD RESULT IN INJURY TO THE USER OR OTHERS.

⚠ If possible, the user should use an Original Equipment Manufacturer (OEM) car seat with OEM seat restraints.

⚠ Although your Ride Java Decaf Back Support has been successfully tested for use in a motor vehicle, your wheelchair may not have been tested. Verify the wheelchair has been successfully tested to RESNA and ISO standards prior to using your Ride Java Decaf Back Support in a motor vehicle.

⚠ This product is rated for a maximum client weight of 200 pounds (91 kg).

⚠ Failure to use appropriate vehicle restraint can result in serious injury or death.

⚠ The wheelchair tie-down and securement system must be positioned and installed per manufacturer's instructions. Verify the wheelchair securement system has been successfully tested to RESNA and ISO standards prior to using your Ride Java Decaf Back Support in a motor vehicle.

⚠ Remove and secure any wheelchair accessories such as trays during transport.

Maintenance

The Java Decaf Back and hardware should be routinely checked every 6 months minimum for loose, missing or damaged hardware and proper functionality. Inspect and tighten all hardware according to this manual. Contact your authorized Ride Designs supplier regarding any damaged or missing components.

Do NOT continue to use your product with any loose, missing or damaged components.

The maximum intended usage of this product is four years.

Reuse

⚠ RISK OF INJURY: Consult an authorized Ride Designs dealer before transferring to another user. Do NOT use product if any damage is found.

Disposal

♻ Recycle components and materials per local, state, and national regulations.

Warranty Policy

Your Ride Designs® Java® Decaf Adjustable Wheelchair Back Support has been carefully constructed to meet your posture and skin integrity needs. This Limited Warranty is effective for 24 months from the date of delivery to the original purchaser. If any defect in material or workmanship is found, Ride Designs will repair or replace the component, at our discretion. This limited warranty does not cover daily wear and tear or damage that is a result of mishandling, misuse, neglect, or not following the care and maintenance instructions.

Claims and repairs should be processed through your nearest authorized Ride Designs rehab technology supplier or distributor. A copy of the Bill of Sale issued to the purchaser of the product might be required prior to processing a warranty claim.

The Ride Java Decaf Back support works best when used with a complementary Ride Designs Cushion

The **Ride Forward™ Cushion** is most appropriate for people with mild to moderate risk for skin breakdown.

Achieve a high level of skin protection and functional performance with the **Ride Java Cushion** (only the Ride Custom Cushion can provide a higher level of protection and support).

For people at higher risk for skin breakdown, and/or more challenging postural control needs, the **Ride Custom Cushion** is the ultimate in postural support and skin care. It is specifically contoured to support a person's unique size, shape, posture and functional requirements. Available in U.S. only.

More information on the full line of Ride Designs cushion options is available at www.ridedesigns.com.

Installation Notes

Patents: www.ridedesigns.com/patents
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CE
EC REP

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