



Ride® FlexLoc® Owner's Handbook

▶ **Warranty Policy Installation and Use Instructions**

Warranty Policy

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 due to accidents, neglect, misuse, operation beyond capacity, parts damaged by improper installation, substitution of parts not approved by Ride Designs, not following these care and maintenance instructions, or any alteration or repair by others that, in Ride Designs' judgment, materially or adversely affects your FlexLoc® hardware.

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

Maximum client weight capacity is 250 pounds for Ride Custom Backs attached to wheelchair using the FlexLoc hardware.

Maximum client weight capacity is 300 pounds for Ride Custom Backs attached to wheelchair using two (2) FlexLoc hardware kits.



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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 warnings, cautions and notes in this handbook and corresponding web-based instructions at www.ridedesigns.com/flexlocinstructions.

⚠ WARNING: Indicates a potentially dangerous situation which, if not heeded, could result in serious injury.

⚠ CAUTION: Failure to heed cautions may result in damage to your product.

NOTE: Denotes important things to remember and/or do when installing and using this product.

NOTE: Ride Designs is not liable for damage to property or personal injury arising out of unsafe use of this product, including use on any wheelchair back support not manufactured by Aspen Seating or Ride Designs. Ride Designs is also not liable for any property damage or personal injury arising out of the failure of any person and/or user to follow the instructions or recommendations set forth in 1) this manual, or 2) any other instructions or recommendations contained in related literature issued by Ride Designs, or 3) contained on the product itself, or 4) web-based instruction.

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 may cause slight variations between the illustrations and explanations in this manual and the product you have purchased.

The FlexLoc Mounting Hardware

Intended for mounting of the Ride® Custom Back onto wheelchair back canes, the FlexLoc hardware is adjustable through six axes. The FlexLoc safely secures the Ride Custom Back yet is removable by flipping two levers on the optional quick release pins. It is intended for use on any wheelchair with tubular back canes, but does not allow the chair to fold unless removed.

Adapter mounting plates are available for a variety of other wheelchair interfaces. Contact Ride Designs for information regarding mounting of FlexLoc on wheelchairs without tubular back canes.

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

⚠ WARNING: Failure to accurately assess and adjust the fit of the Ride Custom Back may result in serious injury to the user.

Available Sizes

There are four sizes of FlexLoc mounting hardware available:

<u>Part Number</u>	<u>Size</u>	<u>Fits Wheelchair Widths</u>
FL-MS	Small	10" - 14"
FL-MM	Medium	15" - 18"
FL-ML	Large	19" - 21"
FL-MX	Extra Large	22" - 24"

FlexLoc Installation Instructions

For more complete instruction, refer to web-based instructions at www.ridedesigns.com.

⚠ WARNING: Improper attachment of the Ride Custom Back to your wheelchair may result in serious injury. Your Ride Custom Back must be attached with Ride Designs approved interface hardware and mounts.

I. Tools and Hardware

The following tools are included to install and adjust the FlexLoc hardware.

- 5mm allen wrench
- 2.5mm allen wrench
- 2 clamp screws for ¾" back canes
- 4mm allen wrench
- 10mm open end wrench
- 5/8" open end wrench

II. Installation

At right is a Ride Custom Back properly installed on wheelchair back canes with FlexLoc hardware.

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

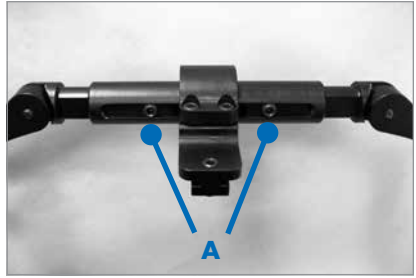
A variety of alternatives to this configuration are possible. Contact Ride Designs toll free at 866.781.1633 to explore solutions to your unique interface challenge.



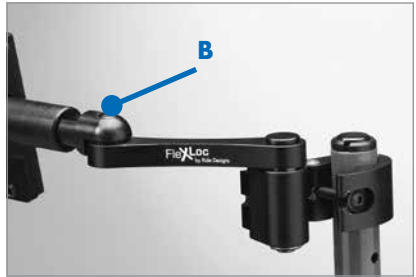
NOTE: If Quick Release pin comes out of alignment, pin engagement can be adjusted.

Attach FlexLoc to wheelchair back canes

1. Use the 4mm allen wrench to loosen width adjustment set screws (A) and pivot screws (B) so that the FlexLoc hardware can be adjusted in width to match wheelchair width.



⚠ CAUTION: Only loosen pivot screws until teeth are disengaged. If either pivot screw is backed off to much it will damage the retainer clip.

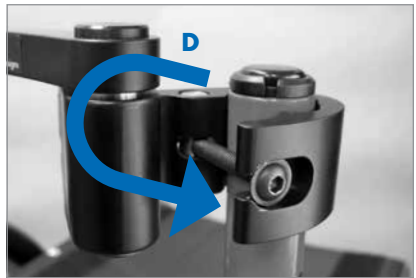


2. Swing clamp hinge (C) around back cane.

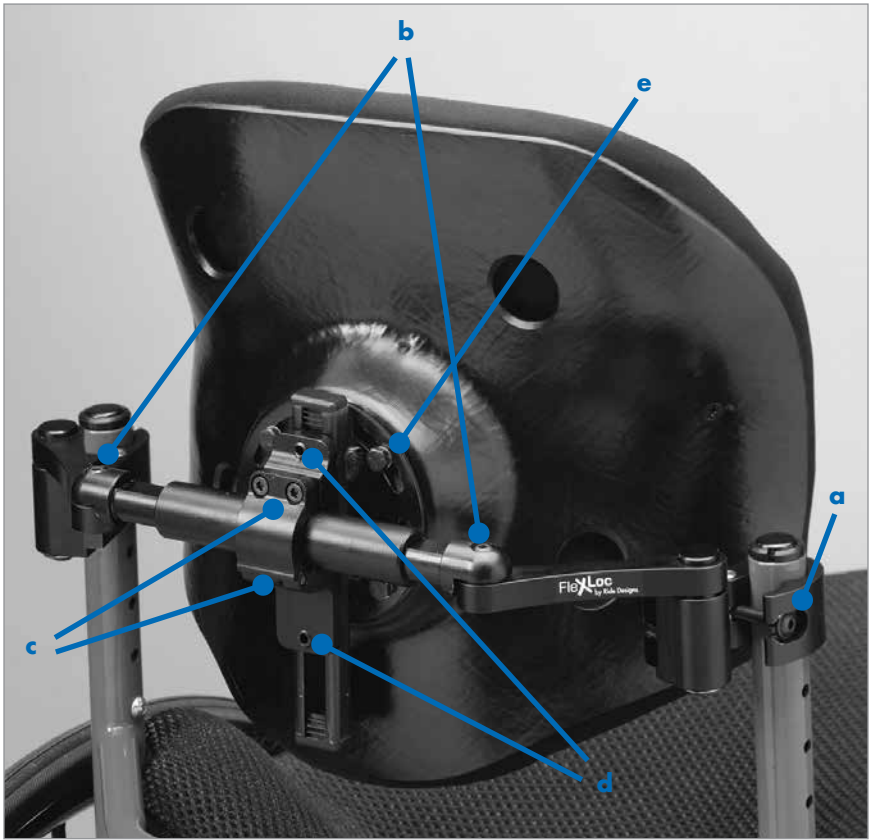


3. Swing clamping screw (D) into clamp hinge and tighten with 5mm allen wrench.

NOTE: FlexLoc comes preassembled with the correct clamping screw for 7/8" and 1" diameter tubing. If clamping to 3/4" tubing, replace screws with shorter screws included with the hardware.

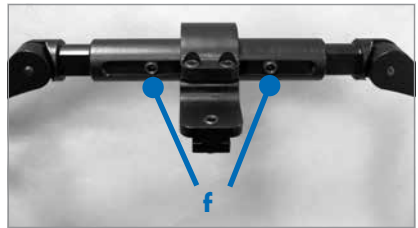


4. Repeat steps 2 and 3 on opposite side of wheelchair.



5. Use the 4mm allen wrench to tighten all fasteners except clamp screws. Use the 5mm allen wrench to tighten the clamp screws.

- a. Clamp screws (2)
- b. Pivot screws (2)
- c. Back angle screws (4)
- d. Back height set screws (3)
- e. Back rotation bolts, 10mm (4)
- f. Width adjustment set screws (2)

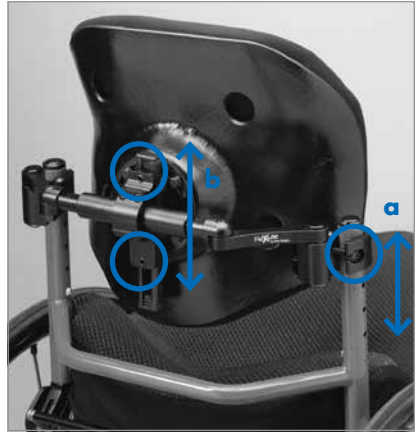


You are now ready to adjust the hardware for back fitting.

III. Adjusting FlexLoc for back fit

1. Adjust back height.

- a. Use the 5mm allen wrench to loosen clamp screws and slide FlexLoc up/down on back canes, and/or
- b. Use the 4mm allen wrench to loosen back height set screws and slide back up/down on track.



2. Adjust back angle.

- a. Use the 4mm allen wrench to loosen back angle screws (4) 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.



Lateral Position



Back Angle

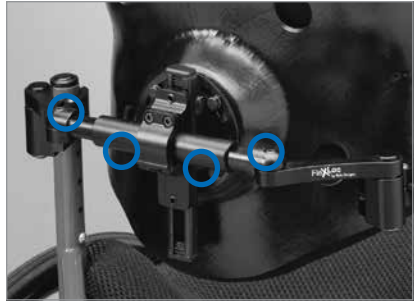


3. Adjust seat depth and vertical rotation.

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

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

⚠ CAUTION: Only loosen pivot screws until teeth are disengaged. If either pivot screw is backed off too much it will damage the retainer clip.



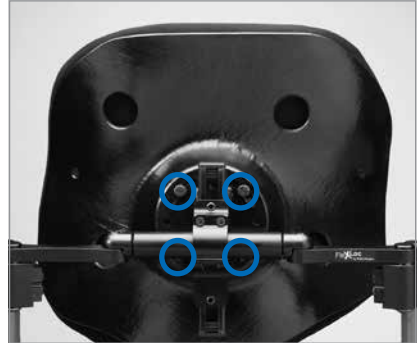
Seat Depth



Vertical Rotation

4. Adjust back rotation.

a. Use the 10mm open end wrench to loosen four (4) back rotation bolts, and rotate back to desired orientation.



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

Visit www.ridedesigns.com for additional instructions.

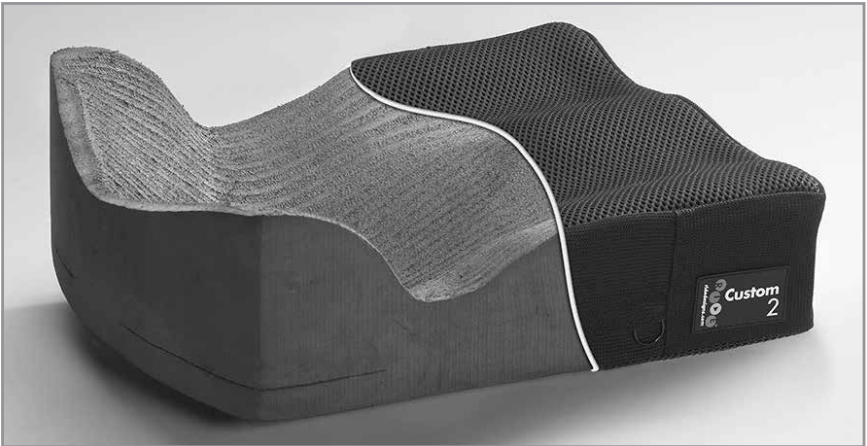
The Ride Custom Back support works best when used with the Ride Forward™ or Ride Custom 2 Cushion

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

For people at higher risk for skin breakdown, and/or more challenging postural control needs, the Ride Custom Cushion 2 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.



▲ The Ride Forward™ Cushion



▲ The Ride Custom 2 Cushion*

*Cut away view of spacer mesh integrated cushion cover.