



Ride® Pediatric FlexLoc® 2 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 Pediatric FlexLoc® 2 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 200 pounds for Ride Decaf Backs attached to wheelchair using the Pediatric FlexLoc 2 hardware.



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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.

⚠️ 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 Pediatric FlexLoc 2 Mounting Hardware

Intended for mounting of Ride Designs® back supports onto wheelchair back canes, Pediatric FlexLoc 2 hardware is adjustable through six axes with an intentionally designed range of motion appropriate for each wheelchair width. Pediatric FlexLoc 2 hardware safely secures a Ride backrest to the wheelchair, and is removable by unlatching the pin lock levers. Hardware is also included to permanently attach the backrest to the wheelchair if desired. Pediatric FlexLoc 2 is intended for use on any wheelchair with tubular back canes but does not allow the chair to fold unless removed.

⚠️ 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 backrest may result in serious injury to the user.

Available Sizes

Pediatric FlexLoc 2 available sizes have been optimized for each wheelchair size to ensure a practical range of motion relative to the back canes.

There are two model numbers for pediatric sizes that apply to chairs from 10" to 14" wide. The designated models for each pediatric chair width are compatible with one size smaller and two sizes larger, though with a decrease in range of motion and adjustability.

A variety of alternatives to these configurations are possible. Contact Ride Designs toll free at 866.781.1633 to explore solutions to your unique interface challenge or desired range of motion.

Pediatric FlexLoc 2 mounting hardware comes in the following sizes.

<u>Part Number</u>	<u>Size</u>	<u>Fits Wheelchair Widths</u>
FL2-PS	Pediatric - Small	10" - 11"
FL2-PM	Pediatric - Medium	12" - 14"

Pediatric FlexLoc 2 Installation Instructions

⚠️ WARNING: Improper attachment of the Ride Back to your wheelchair may result in serious injury. Ride backrests 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 Pediatric FlexLoc 2 hardware.

- 4mm allen wrench
- 5mm allen wrench
- 10mm open end wrench
- 7/16" open end wrench
- 5/8" open end wrench
- 2 each 7/8" diameter washers
- 2 each triple-wave washers
- 2 each M6x10mm screws

II. Installation

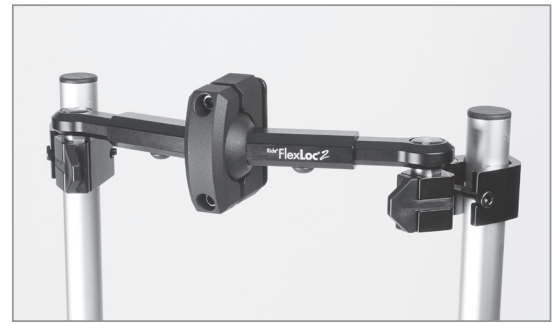
At right **(A)** is a Ride Decaf back properly installed on wheelchair back canes with Pediatric FlexLoc 2 hardware.

The hardware **(B)** to create a fixed pin setup is included with the tools. Hardware used as shown:

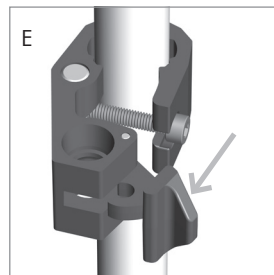
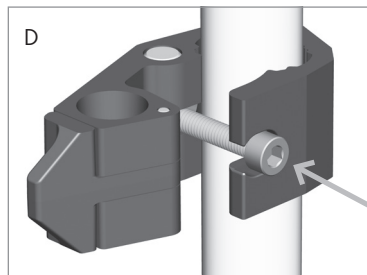
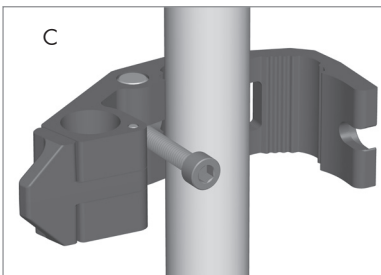
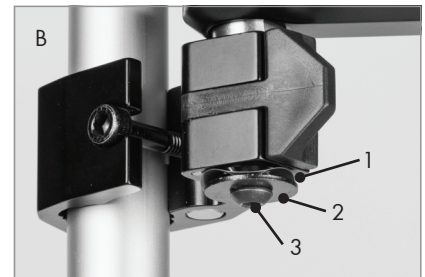
- 1) Triple wave washer
- 2) 7/8" washer
- 3) M6x10mm screw

Attach Pediatric FlexLoc 2 to wheelchair back canes

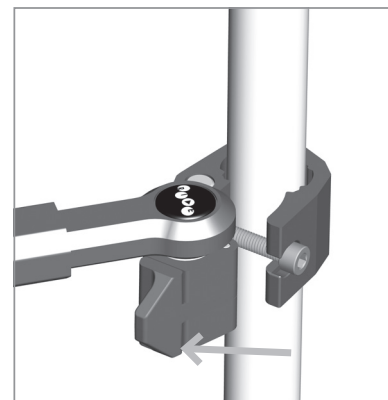
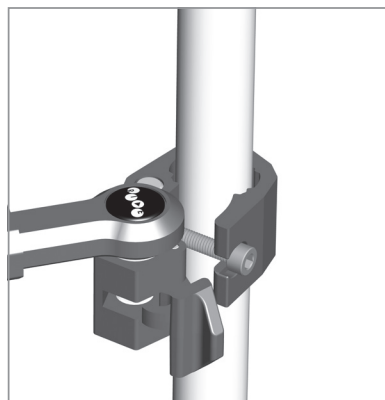
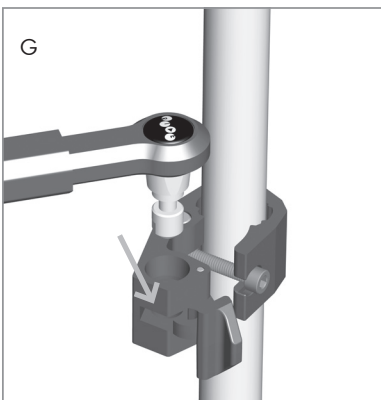
1. Open clamp arm **(C)** and position around back of the cane.
2. Close clamp arm and rotate clamp screw **(D)** into slot on clamp hinge and tighten with 5mm Allen wrench. Take care to measure and ensure that the left and right clamp heights are level with each other with respect to the wheelchair canes.
3. Open pin locking lever **(E)** to prepare clamp to receive the hardware.
4. Use the 5mm Allen wrench to loosen the arm screws **(F)** so that the Pediatric FlexLoc 2 hardware can be adjusted to fit into the mounted clamps.



Pediatric FlexLoc 2 Mounting Hardware



5. Insert pins of arms into receiving holes of the clamps and close the pin locking levers **(G)** to secure them in place.

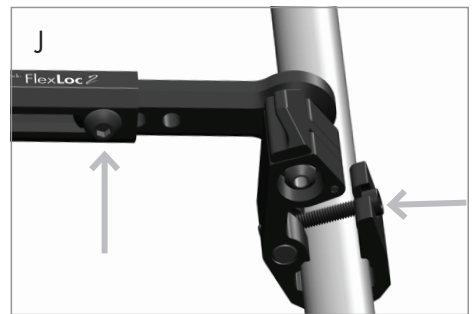
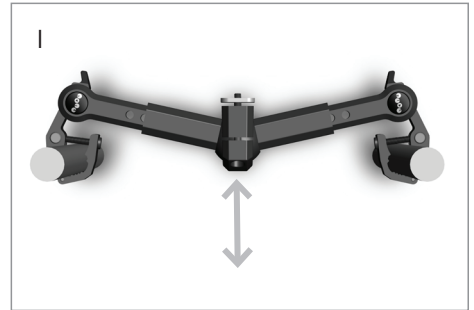
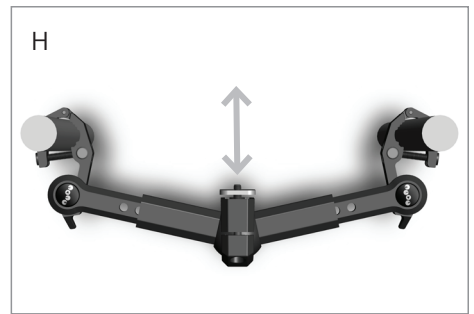


You are now ready to adjust the hardware for back fitting.

III. Adjusting Pediatric FlexLoc 2 for back fit

1. Adjust backrest depth.

- a. Slightly loosen the clamp screws to allow the clamps to rotate on the canes, but not loose enough for the clamps to slip down the canes.
- b. With the arm screws still loose, rotate the clamps and extend **(H)** and/or retract **(I)** the arms to move the hardware depth to a desired position.
- c. When the hardware is at the desired depth position, lock it in place by tightening the arm screws and the clamp screws **(J)**.



2. Adjust back angle, lateral position, height, and rotation.

- a. Slightly loosen the ball collar screws **(K)** with the 5mm Allen wrench to enable the spherical adjustment and positioning of the backrest.

⚠ WARNING: Loosening the ball collar screws too much will disengage the internal lock nut plate, which will cause the ball collar assembly to completely detach from the mounting plate.

- b. Adjust the position of the back **(L)** and secure in place by tightening the ball collar screws **(K)**. If additional height adjustment is needed beyond the travel in the mounting plate slot, slightly loosen the cane clamp screws so the hardware can be adjusted vertically on the wheelchair canes.

