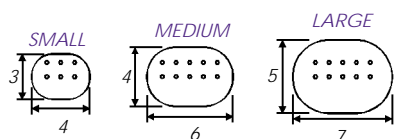


Flipdown Knee Adductor Assembly

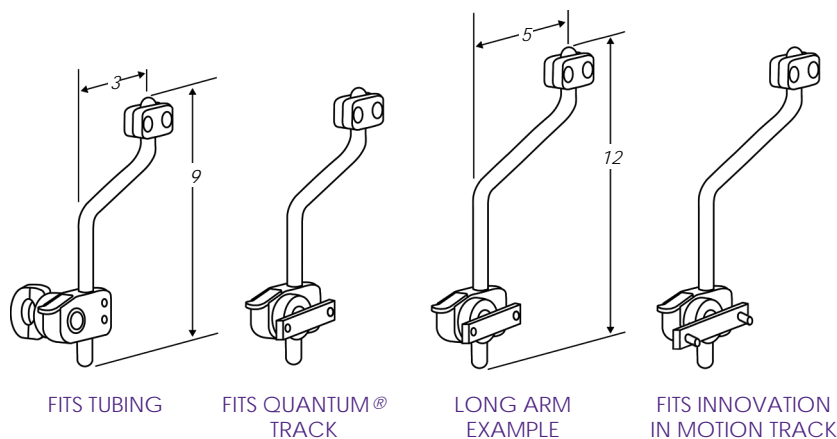
FLIPDOWN KNEE ADDUCTOR ASSEMBLY

Features:

- Superior locking mechanism with very little play
- Flipdown trigger release design
- Fits from 3/4" to 1 3/8" tubing
- Also available to fit Quantum® seat tracks or Innovation in Motion seat tracks
- Available in short arm and long arm configurations
- 3 standard pad sizes, and custom pad is available
- 1 1/4" thick pads are all-black textured urethane self-skinning foam, with a neoprene cover



Description	Part Number		
Flipdown Knee Adductor Hardware for 3/4", 7/8", and 1" Tubing			
Short Arm, Left Side (1)	30271		
Short Arm, Right Side (1)	30272		
Short Arm, Pair (1 left & 1 right)	30248		
Long Arm, Left Side (1)	30079		
Long Arm, Right Side (1)	30080		
Long Arm, Pair (1 left & 1 right)	30284		
Flipdown Knee Adductor Hardware for Larger Tubing			
	1 1/8"	1 1/4"	1 3/8"
Short Arm, Left Side (1)	32979	30092	32971
Short Arm, Right Side (1)	32980	30093	32972
Short Arm, Pair (1 left & 1 right)	32982	30083	32974
Long Arm, Left Side (1)	32977	30090	32969
Long Arm, Right Side (1)	32978	30091	32970
Long Arm, Pair (1 left & 1 right)	32981	30082	32973
Flipdown Knee Adductor Hardware for Quantum® Seat Tracks			
Short Arm, Left Side (1)	30255		
Short Arm, Right Side (1)	30256		
Short Arm, Pair (1 left & 1 right)	30240		
Long Arm, Left Side (1)	30291		
Long Arm, Right Side (1)	30292		
Long Arm, Pair (1 left & 1 right)	30276		
Flipdown Knee Adductor Hardware & Pads for Innovation in Motion Frontier V6 Seat Tracks			
Pair of Arms (1 Right Side & 1 Left Side) AND Pair of Medium Pads (no cover)	30095		NEW
Knee Adductor Pad & Neoprene Cover			
3" x 4" Pad, Small (1)	50490		
4" x 6" Pad, Medium (1)	50491		
5" x 7" Pad, Large (1)	50492		
Custom Knee Adductor Pad			
Made to your specifications	Quote		
Neoprene Cover with Gel Insert			
Cover for Small Pad (1)	50048		
Cover for Medium Pad (1)	50049		
Cover for Large Pad (1)	50050		
Replacement Attachment Clamp			
Fits 3/4", 7/8", and 1" tubing	32964		
Fits 1 1/8" tubing	32976		
Fits 1 1/4" tubing	32965		
Fits 1 3/8" tubing	32968		
Fits Quantum® seat track	32966		



CUSTOM SEATING

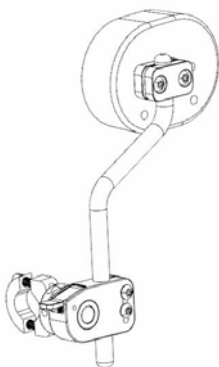
BODY POSITIONING

WHEELCHAIR TRAYS

ASSISTIVE TECHNOLOGY

PATIENT TRANSFER

Therafin Flipdown Adductor



Owner's Instruction Manual

Please ensure that this booklet remains with the seating device. This booklet is the property of the consumer and contains important information and instructions.

TABLE OF CONTENTS

General Information.....	2
Positioning Device Information and Warnings	3
Identification of Parts.....	5
Installation	7
Adjustment.....	13
Operation.....	16
Cleaning and Maintenance	17
Warranty	18

GENERAL INFORMATION

Part Number this manual: 18889

Revision B

This positioning device manufactured by:

Therafin Corp.

19747 Wolf Road

Mokena, IL 60448

Hours: Monday thru Friday 7AM to 5:30PM (Central Time)

Phone toll-free 800-843-7234 Fax toll-free (24 hrs.) 888-479-1515

In Illinois Phone 708-479-7300 Fax 708-479-1515

Email: info@therafin.com

Retain all instructions and manuals you that you received with your positioning device.

Please contact your supplier/dealer with any question you have regarding your positioning device. Place the supplier/dealer's name and contact information in the space below:

Supplier: _____

Address: _____

Telephone: _____

Date Purchased: _____

POSITIONING DEVICE INFORMATION AND WARNINGS



WARNING

READ THE OWNERS MANUAL BEFORE USE.



WARNING

DO NOT CONTINUE TO USE THE DEVICE AFTER IDENTIFYING LOOSE OR BROKEN COMPONENTS. FAILURE TO COMPLY MAY RESULT IN INJURY



WARNING

DO NOT MAKE CHANGES TO THE POSTIONING DEVICE UNLESS YOU HAVE CONSULTED YOUR AUTHORIZED SUPPLIER FIRST. FAILURE TO COMPLY MAY RESULT IN INJURY TO THE USER.

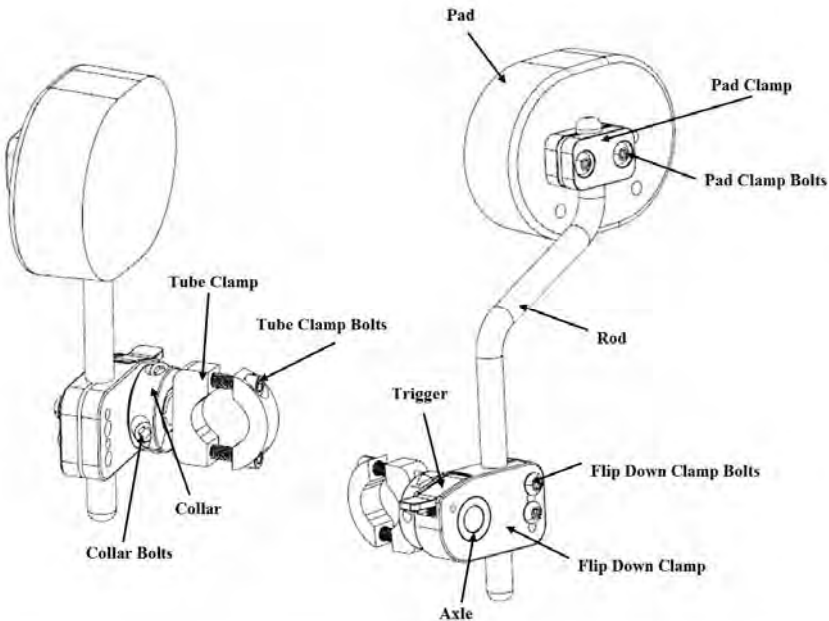
INFORMATION:

1. Therafin provides many seating devices and accessories to meet the needs of those who use wheelchairs and specialty devices. The appropriate selection of these devices and any subsequent adjustments should be made with your health care advisor and Therafin supplier. The considerations for appropriate selection include (but are not limited to):
 - a. -Your particular disability, your strength, your balance and coordination.
 - b. -The environment in which you use your seating device.
 - c. -Your need for options and accessories for both your safety and comfort.
2. Make sure all the attachment hardware is secure and tight.

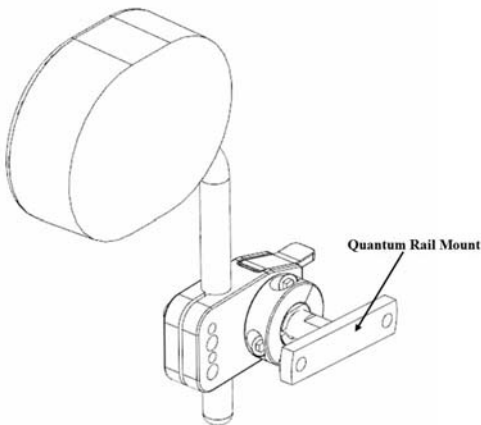
3. Repair any problem. Your supplier can help you find and correct the problem. Contact your supplier for help for repairs or to correct a problem
4. Consult your supplier BEFORE you modify or adjust your device.
5. **For The User:**
 - a. Make sure that each person who helps you reads and follows all warnings and instructions that apply.
6. **For Attendants:**
 - a. Consult the user's doctor, nurse or therapist before assisting the user.
 - b. To prevent injury to your back, use good posture and proper body mechanics when you lift or support the user. This includes bending your knees slightly and keeping your back upright and straight.
7. Inspect and maintain this device regularly. If you detect a problem, make sure to service or repair the device before use.
8. Some of the screws bolts and nuts on this device are special high-strength fasteners.
9. ONLY use fasteners provided by your supplier.
10. Over- or under-tightened fasteners may fail or cause damage to chair parts.
11. If bolts or screws become loose, tighten them as soon as you can.
12. Therafin recommends that all fasteners be checked for wear, such as loose bolts or broken components every 3 months or as needed.
13. Loose fasteners should be retightened according to the installation instructions.
14. Check the function of all moveable parts during each use. Insure they adjust and lock into position to provide the necessary support to the user.
15. When hinged or adjustable components are moved there may be a "pinch point". Be aware of these points and insure all body parts are kept clear during movements and adjustments.

IDENTIFICATION OF PARTS

Shown below is the ***Tubing Mounted Configuration*** of the Adductor. This device will clamp securely to tubing with a diameter of: 3/4", 7/8" or 1"

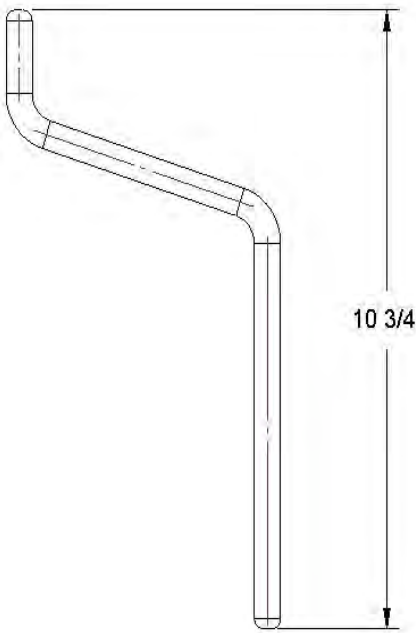


Shown below is the ***Quantum Rail Mounted Configuration*** of the Adductor. This device will clamp securely to the side rails of a Quantum power mobility base. *All Parts are the same as above except for the Tube Clamp and Tube Clamp Bolts – these are replaced by the Quantum Rail Mount.*

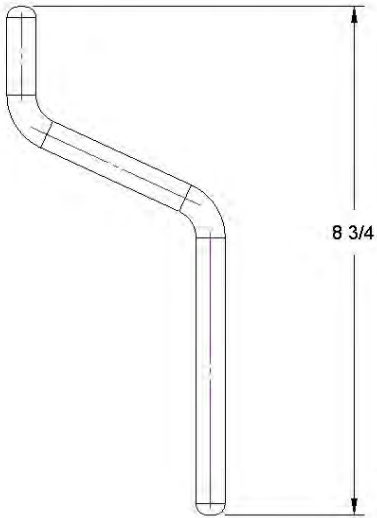


The Adductor is configured as either a **Long Arm** or **Short Arm** model. The illustration below indicates the difference.

LONG ARM



SHORT ARM

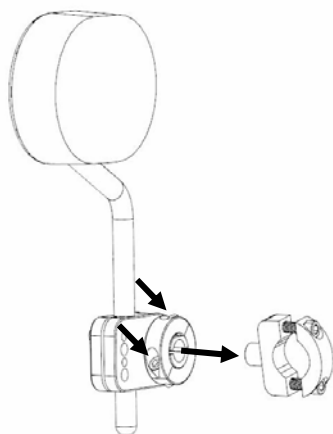


INSTALLATION

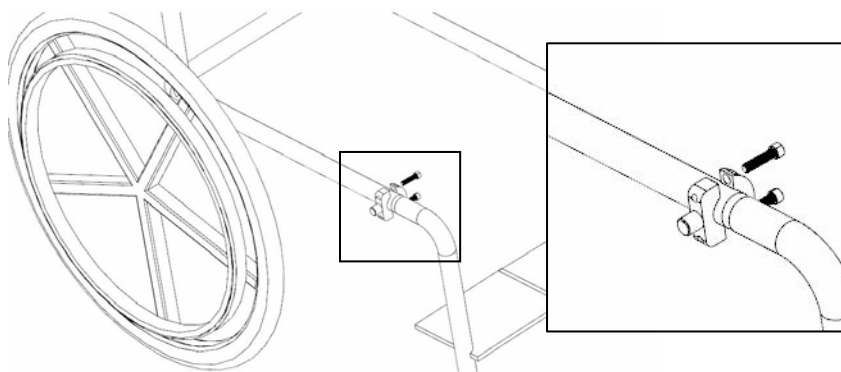
NOTE: Adductors are designed for a left or right application. For illustration purposes, all instructions show installation on the RIGHT side of the chair only.

(TUBING MOUNT) ATTACH THE TUBE CLAMP TO THE WHEELCHAIR FRAME. (SEE (QUANTUM MOUNT) FOR QUANTUM RAIL MOUNT CONFIGURATION)

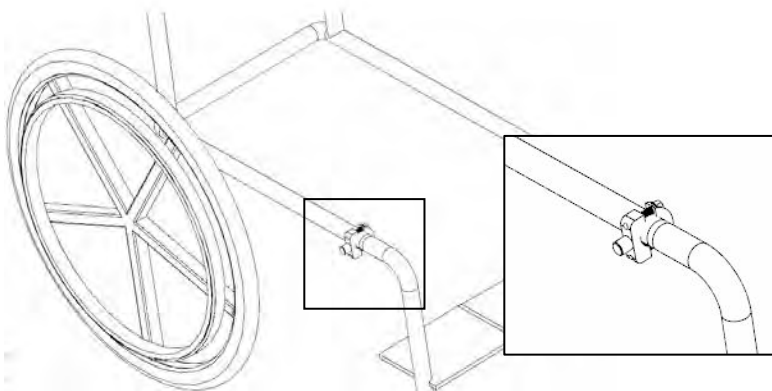
- A. Loosen the Collar Bolts on the Adductor Assembly and remove the Tube Clamp by sliding outward.



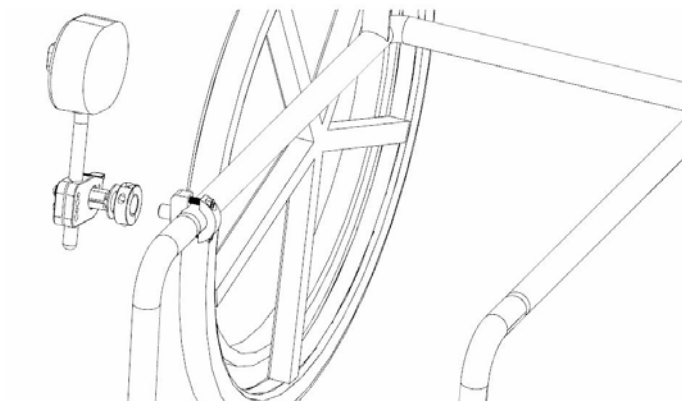
- B. Determine a location along the wheelchair frame or legrest to attach the Tube Clamp.



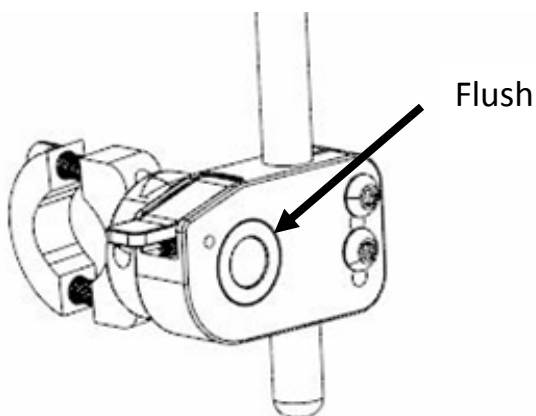
- C. Tighten the Tube Clamp Bolts **EVENLY** and securely on the Tube Clamp to get adequate clamping power.



- D. Re-insert the Adductor Assembly onto the Tube Clamp.

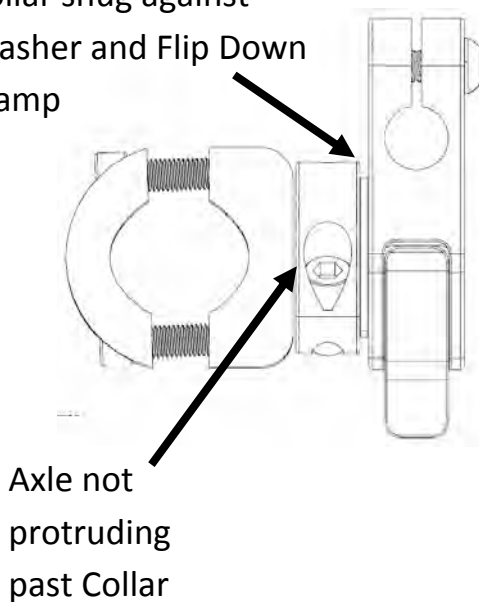


- E. Ensure that the Axle is flush with the Flip Down Clamp before tightening collar bolts.



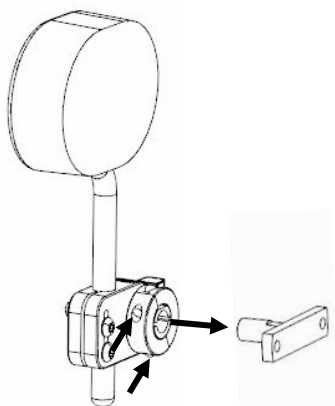
- F. Slide Collar snugly against the Washer and Flip Down Clamp and ensure that the Axle does not protrude. Tighten Collar Bolts.

Collar snug against
Washer and Flip Down
Clamp

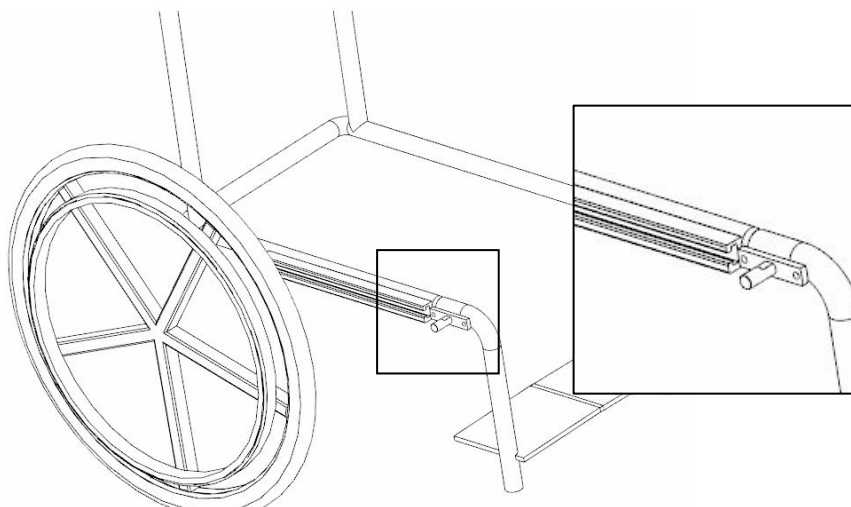


(QUANTUM MOUNT) ATTACH THE QUANTUM MOUNT TO THE WHEELCHAIR FRAME.

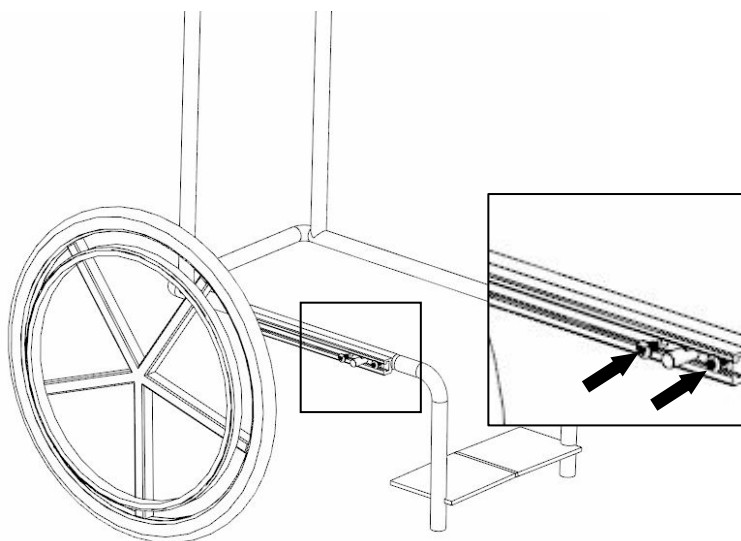
- A. Loosen the Collar Bolts on the Adductor Assembly and remove the Quantum Rail Mount by sliding outward.



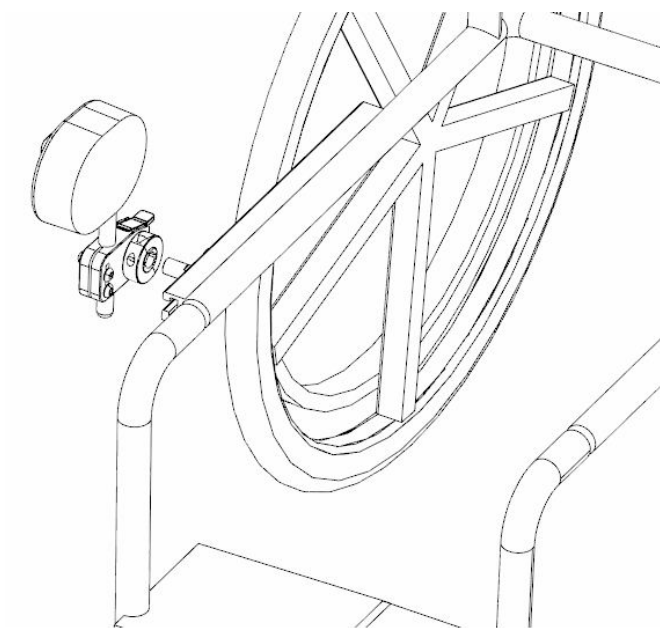
- B. Determine a location along the track located on the wheelchair frame to attach the Quantum Mount. Slide the Quantum Rail Mount into the track to the desired location.



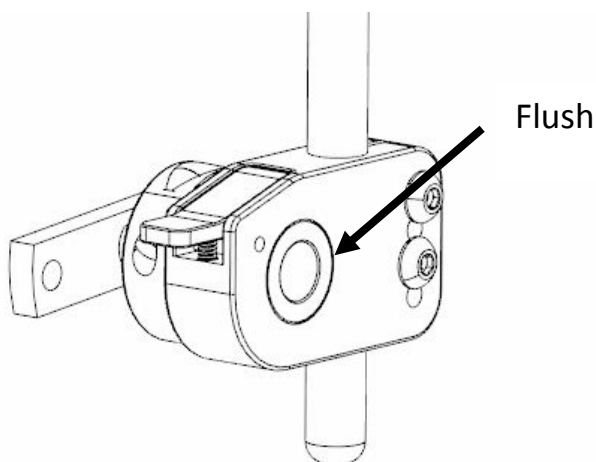
- C. Install the Quantum Rail Mount Bolts and tighten securely.



- D. Re-insert the Adductor Assembly onto the Quantum Rail Mount.



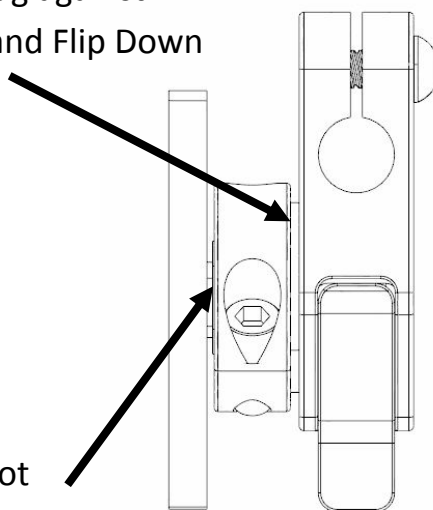
- E. Ensure that the Axle is flush with the Flip Down Clamp before tightening collar bolts.



- F. Slide Collar snugly against the Washer and Flip Down Clamp and ensure that the Axle does not protrude. Tighten Collar Bolts.

Collar snug against
Washer and Flip Down
Clamp

Axle not
protruding
past Collar



ADJUSTMENT

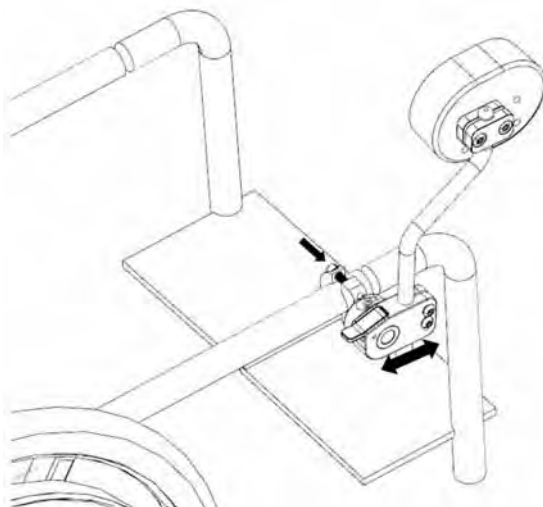
The Therafin Adductor Positioning Device has several adjustments to provide the correct user support.

Adjustments can be made for:

1. Distal/Proximal Location
2. Height Adjustment
3. Medial/Lateral Adjustment
4. Pad Angle

To make **Distal/Proximal** adjustment:

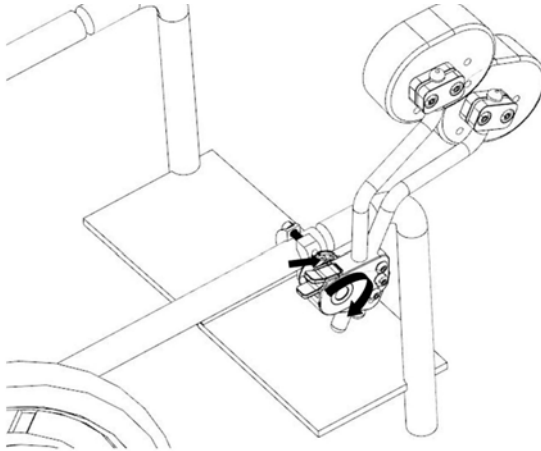
1. Loosen the Tube Clamp Bolts (or Quantum Rail Mount Bolts) and slide the hardware along the wheelchair frame to the desired location.
2. Re-tighten fasteners securely when the desired location is achieved.



OR

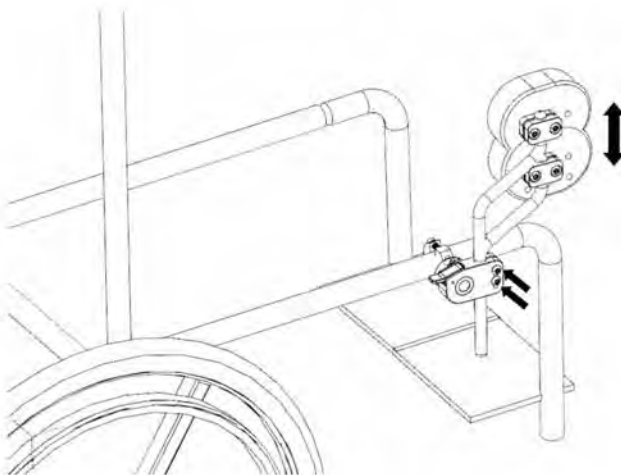
1. Loosen the Collar Bolts on the Adductor Assembly and rotate the assembly around the axle.

2. Re-tighten fasteners securely when the desired location is achieved.



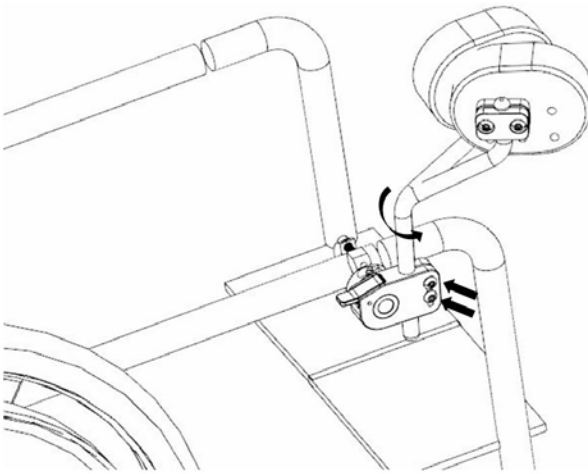
To make **Height** adjustment:

1. Loosen the Flip Down Clamp Bolts and slide Rod in the Assembly to the desired height.
2. Re-tighten fasteners securely when the desired location is achieved.



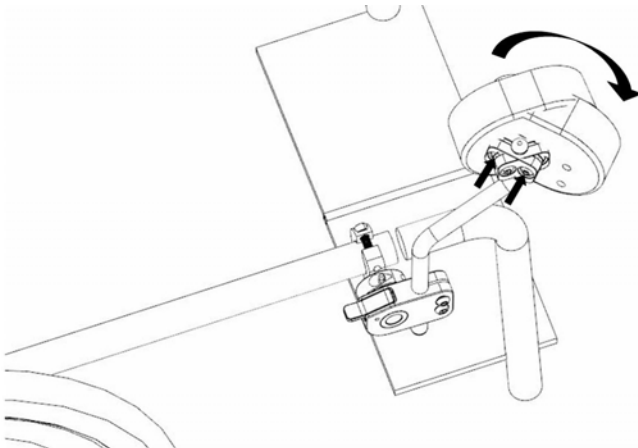
To make **Medial/Lateral** adjustment:

1. Loosen the Flip Down Clamp Bolts and rotate the Rod to the desired location.
2. Re-tighten fasteners securely when the desired location is achieved. Re-align the Pad by following the below procedure "To make **Pad Angle** adjustment:".



To make **Pad Angle** adjustment:

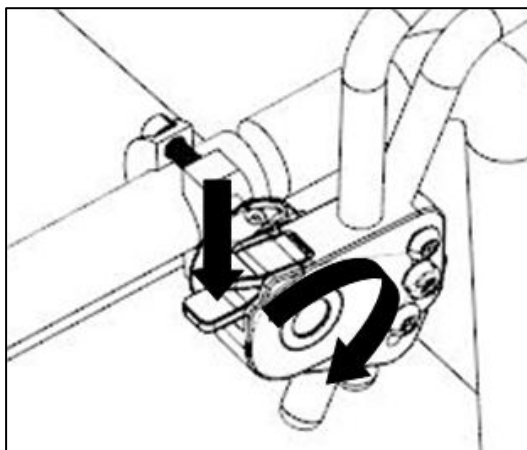
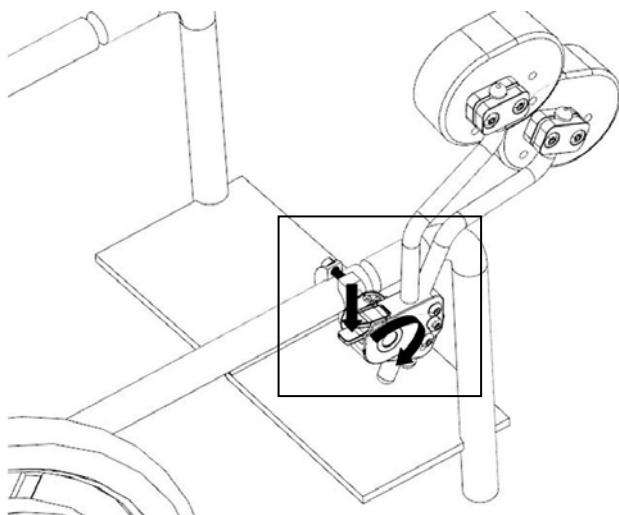
1. Loosen the Pad Clamp Bolts and rotate the Pad to the desired angle.
2. Re-tighten fasteners securely when the desired location is achieved.



OPER

To flip the Adductor downward for transfers:

1. Depress the Trigger to release and rotate the Assembly forward or backward.
2. Raise the Assembly into the original position until it locks in place securely.



CLEANING & MAINTENANCE

CLEANING:

UPHOLSTERY AND/OR FABRICS:

Surfaces may be wiped clean with mild soap and water. Do not use harsh detergents, cleaning agents or abrasives. Avoid the use of polishes that can make the surfaces slippery after cleaning.

POSITIONING COMPONENTS AND HARDWARE:

Wipe clean with mild soap and water. Do not use harsh detergents, cleaning agents or abrasives. Avoid the use of polishes that can make the surfaces slippery after cleaning.
Do not submerge components underwater.

If you have any additional questions about how to clean or maintain your device please contact your Therafin dealer or agent.

MAINTENANCE:



WARNING

FAILURE TO FOLLOW THE MAINTENANCE BELOW MAY RESULT IN INJURY TO THE USER.



WARNING

DO NOT CONTINUE TO USE THE DEVICE AFTER IDENTIFYING LOOSE OR BROKEN COMPONENTS OR FASTENERS:

Therafin recommends that all fasteners should be checked for wear every 3 months.

Perform an inspection for loose bolts or broken components every 3 months.

Loose fasteners should be retightened according to the installation instructions. All fasteners should be tightened to torque specifications as stated in the hardware installation instructions. Contact your Therafin or dealer supplier immediately to replace any broken or malfunctioning components.



WARNING

DO NOT CONTINUE TO USE THE DEVICE AFTER IDENTIFYING LOOSE OR BROKEN COMPONENTS. REMOVABLE, ADJUSTABLE OR HINGED COMPONENTS.

Check the function of all moveable components during each use. Insure they adjust and lock into position and supply the necessary support to the user.

WARRANTY

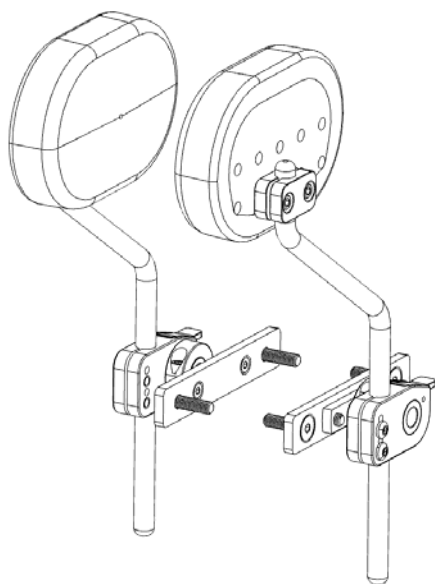
Limited Warranty

Any product found to be defective due to the material or workmanship within one year will be replaced under our return policy following product evaluation by Therafin Corporation. This replacement warranty does not include misuse or neglect of the product.

Liability

While Therafin Corporation is responsible for any product that is defective due to manufacturing by Therafin Corporation, we are not liable for misuse or misapplication of our products. To achieve optimum performance, it is recommended that experienced professionals be consulted in the selection and application of our products.

Therafin Flip-Down Adductor for Innovation in Motion



Owner's Instruction Manual

Please ensure that this booklet remains with the seating device. This booklet is the property of the consumer and contains important information and instructions.

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Warranty	14

GENERAL INFORMATION

Part Number this manual: 08669

Revision A

This positioning device manufactured by:

Therafin Corp.

9450 W Laraway Road

Frankfort, IL 60423

Hours: Monday thru Friday 7AM to 5:30PM (Central Time)

Phone toll-free 800-843-7234 Fax toll-free (24 hrs.) 888-479-1515

In Illinois Phone 708-479-7300 Fax 708-479-1515

Email: info@therafin.com

Retain all instructions and manuals you that you received with your positioning device.

Please contact your supplier/dealer with any question you have regarding your positioning device. Place the supplier/dealer's name and contact information in the space below:

Supplier: _____

Address: _____

Telephone: _____

Date Purchased: _____

POSITIONING DEVICE INFORMATION AND WARNINGS



WARNING

READ THE OWNERS MANUAL BEFORE USE.



WARNING

DO NOT CONTINUE TO USE THE DEVICE AFTER IDENTIFYING LOOSE OR BROKEN COMPONENTS. FAILURE TO COMPLY MAY RESULT IN INJURY



WARNING

DO NOT MAKE CHANGES TO THE POSITIONING DEVICE UNLESS YOU HAVE CONSULTED YOUR AUTHORIZED SUPPLIER FIRST. FAILURE TO COMPLY MAY RESULT IN INJURY TO THE USER.

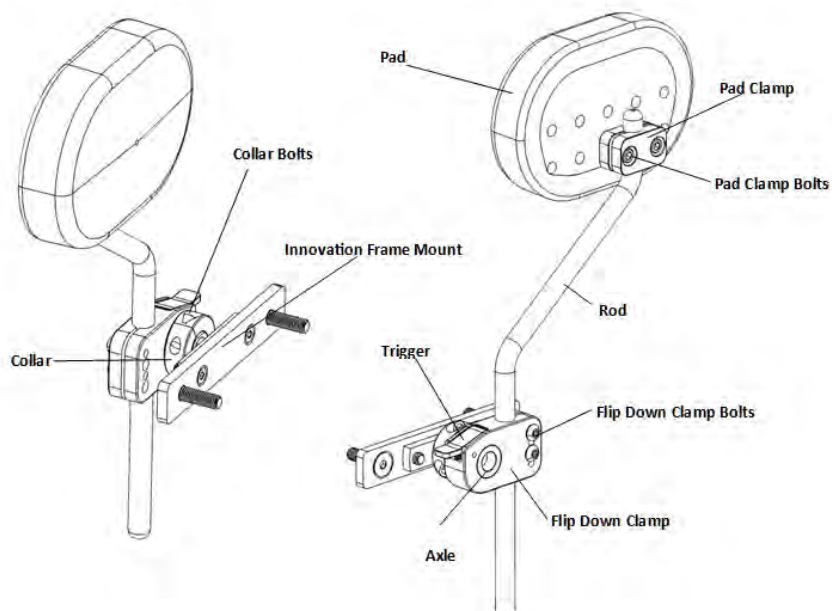
INFORMATION:

1. Therafin provides many seating devices and accessories to meet the needs of those who use wheelchairs and specialty devices. The appropriate selection of these devices and any subsequent adjustments should be made with your health care advisor and Therafin supplier. The considerations for appropriate selection include (but are not limited to):
 - a. -Your particular disability, your strength, your balance and coordination.
 - b. -The environment in which you use your seating device.
 - c. -Your need for options and accessories for both your safety and comfort.
2. Make sure all the attachment hardware is secure and tight.
3. Repair any problem. Your supplier can help you find and correct the problem. Contact your supplier for help for repairs or to correct a problem
4. Consult your supplier BEFORE you modify or adjust your device.

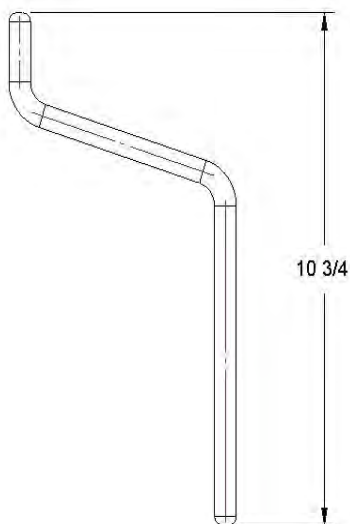
5. **For The User:**
 - a. Make sure that each person who helps you reads and follows all warnings and instructions that apply.
6. **For Attendants:**
 - a. Consult the user's doctor, nurse or therapist before assisting the user.
 - b. To prevent injury to your back, use good posture and proper body mechanics when you lift or support the user. This includes bending your knees slightly and keeping your back upright and straight.
7. Inspect and maintain this device regularly. If you detect a problem, make sure to service or repair the device before use.
8. Some of the screws bolts and nuts on this device are special high-strength fasteners.
9. ONLY use fasteners provided by your supplier.
10. Over- or under-tightened fasteners may fail or cause damage to chair parts.
11. If bolts or screws become loose, tighten them as soon as you can.
12. Therafin recommends that all fasteners be checked for wear, such as loose bolts or broken components every 3 months or as needed.
13. Loose fasteners should be retightened according to the installation instructions.
14. Check the function of all moveable parts during each use. Insure they adjust and lock into position to provide the necessary support to the user.
15. When hinged or adjustable components are moved there may be a "pinch point". Be aware of these points and insure all body parts are kept clear during movements and adjustments.

IDENTIFICATION OF PARTS

Shown below is the *Innovation in Motion Configuration* of the Adductor.



ARM

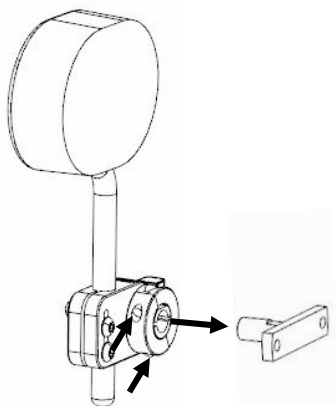


INSTALLATION

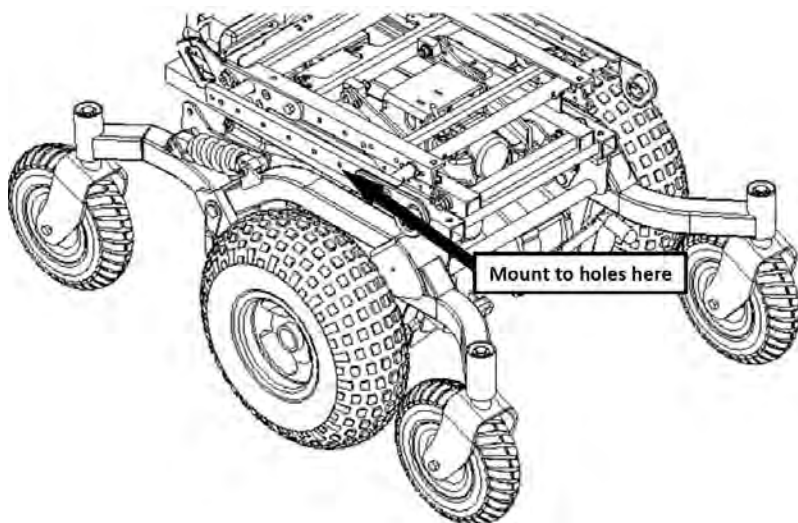
NOTE: Adductors are designed for a left or right application. For illustration purposes, all instructions show installation on the RIGHT side of the chair only.

ATTACH THE MOUNT TO THE WHEELCHAIR FRAME.

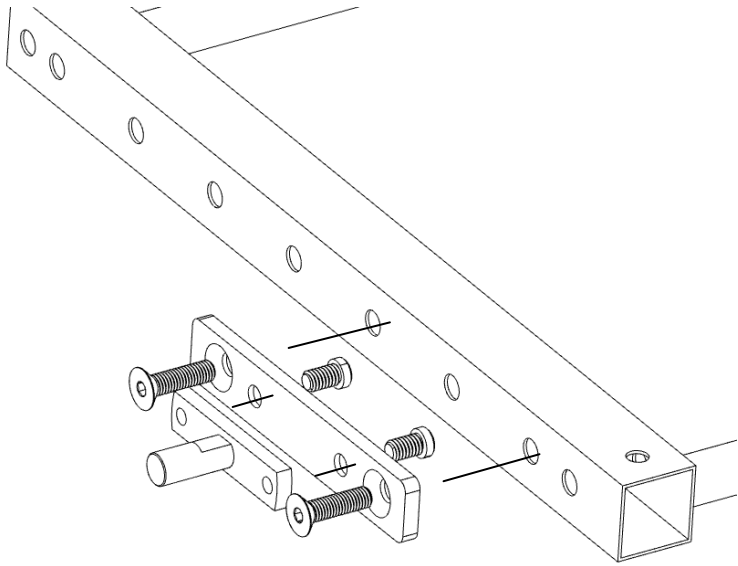
- A. Loosen the Collar Bolts on the Adductor Assembly and remove the Frame Mount by sliding outward.



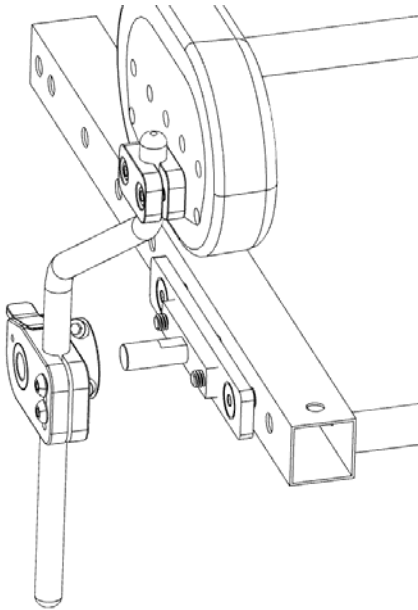
- B. Determine a location along the side of the wheelchair frame to attach the Innovation Frame Mount.



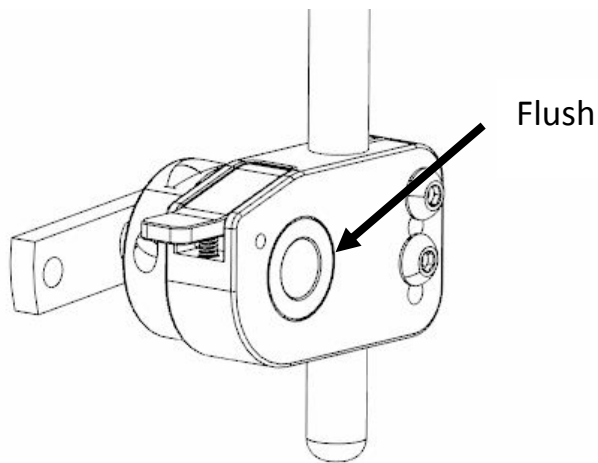
- C. Install the Innovation Mount using the Bolts and tighten securely.



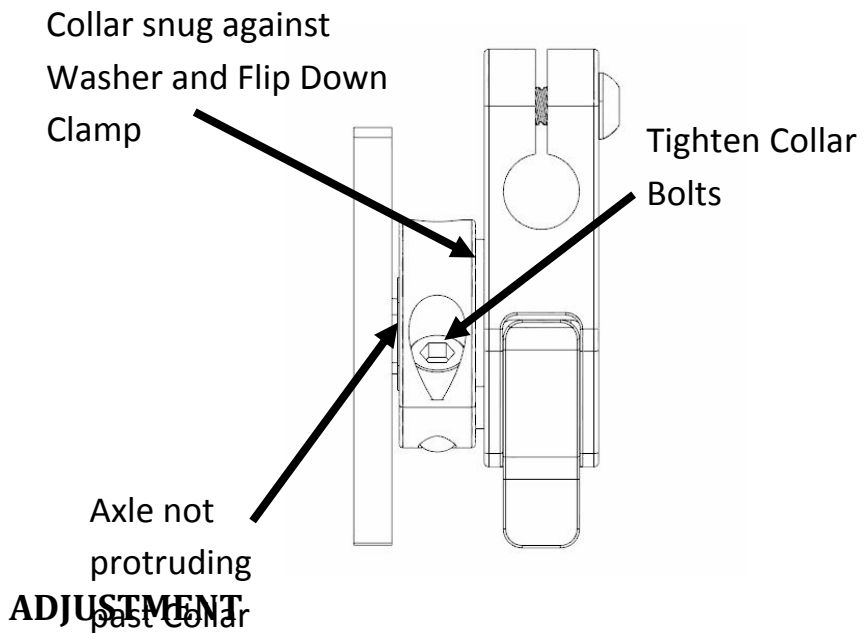
D. Re-insert the Adductor Assembly onto the Mount.



E. Ensure that the Axle is flush with the Flip Down Clamp before tightening collar bolts.



- F. Slide Collar snugly against the Washer and Flip Down Clamp and ensure that the Axle does not protrude. Tighten Collar Bolts.



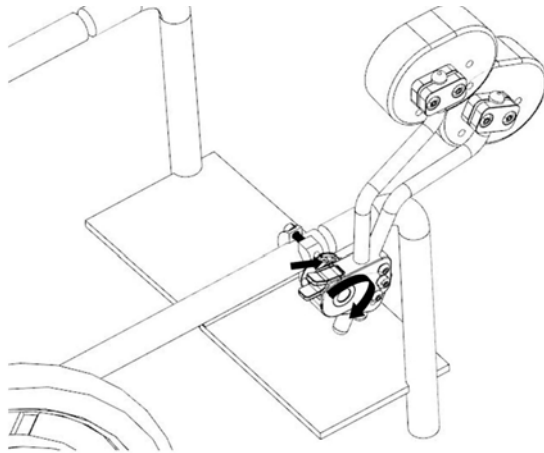
The Therafin Adductor Positioning Device has several adjustments to provide the correct user support.

Adjustments can be made for:

1. Distal/Proximal Adjustment
2. Height Adjustment
3. Medial/Lateral Adjustment
4. Pad Angle

To Make **Distal/Proximal** Adjustment

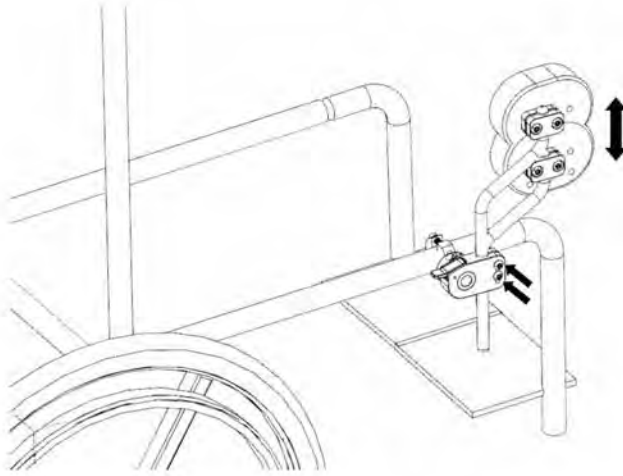
1. Loosen the Collar Bolts on the Adductor Assembly and rotate the assembly around the axle.
2. Re-tighten fasteners securely when the desired location is achieved.



To make **Height** adjustment:

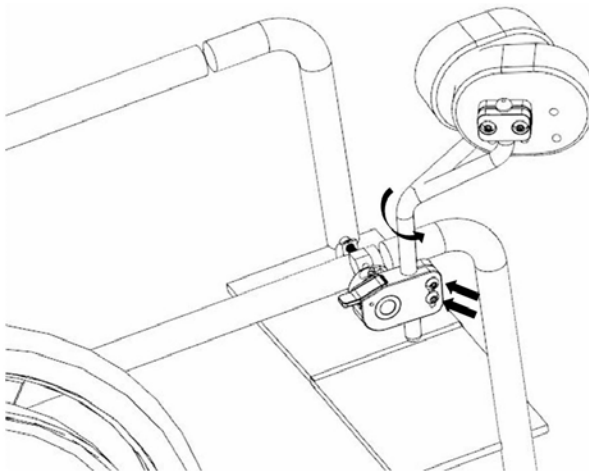
1. Loosen the Flip Down Clamp Bolts and slide Rod in the Assembly to the desired height.

2. Re-tighten fasteners securely when the desired location is achieved.



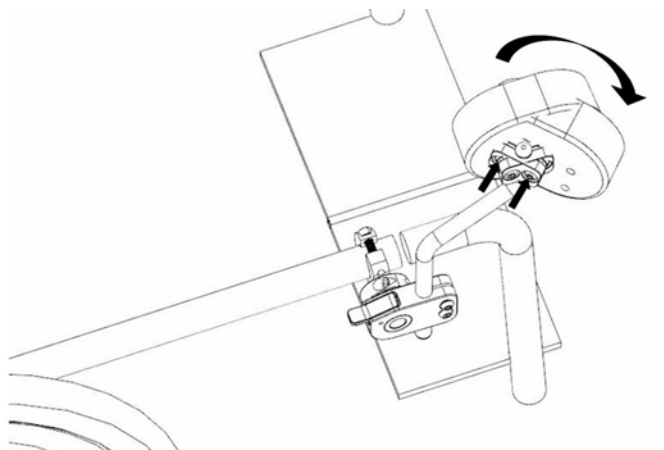
To make **Medial/Lateral** adjustment:

1. Loosen the Flip Down Clamp Bolts and rotate the Rod to the desired location.
2. Re-tighten fasteners securely when the desired location is achieved. Re-align the Pad by following the below procedure "To make **Pad Angle** adjustment:".



To make **Pad Angle** adjustment:

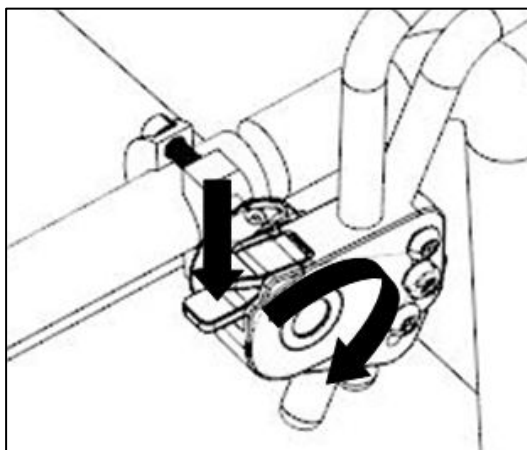
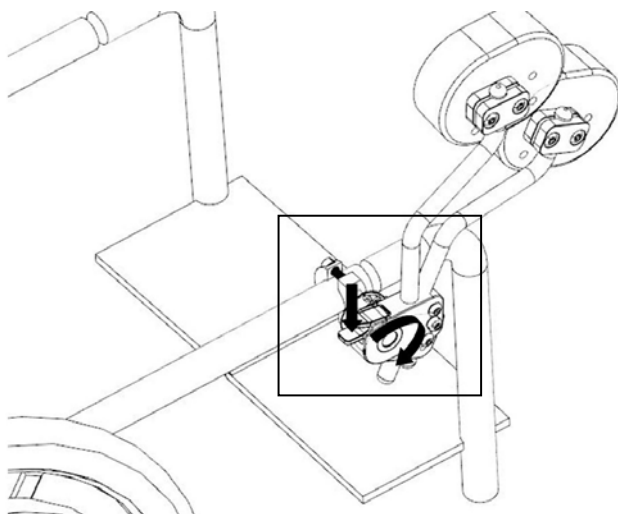
1. Loosen the Pad Clamp Bolts and rotate the Pad to the desired angle.
2. Re-tighten fasteners securely when the desired location is achieved.



OPERATION

To flip the Adductor downward for transfers:

1. Depress the Trigger to release and rotate the Assembly forward or backward.
2. Raise the Assembly into the original position until it locks in place securely.



CLEANING & MAINTENANCE

CLEANING:

UPHOLSTERY AND/OR FABRICS:

Surfaces may be wiped clean with mild soap and water. Do not use harsh detergents, cleaning agents or abrasives. Avoid the use of polishes that can make the surfaces slippery after cleaning.

POSITIONING COMPONENTS AND HARDWARE:

Wipe clean with mild soap and water. Do not use harsh detergents, cleaning agents or abrasives. Avoid the use of polishes that can make the surfaces slippery after cleaning.

Do not submerge components underwater.

If you have any additional questions about how to clean or maintain your device please contact your Therafin dealer or agent.

MAINTENANCE:



WARNING

FAILURE TO FOLLOW THE MAINTENANCE BELOW MAY RESULT IN INJURY TO THE USER.



WARNING

DO NOT CONTINUE TO USE THE DEVICE AFTER IDENTIFYING LOOSE OR BROKEN COMPONENTS OR FASTENERS:

Therafin recommends that all fasteners should be checked for wear every 3 months.

Perform an inspection for loose bolts or broken components every 3 months.

Loose fasteners should be retightened according to the installation instructions. All fasteners should be tightened to torque specifications as stated in the hardware installation instructions. Contact your Therafin or dealer supplier immediately to replace any broken or malfunctioning components.



WARNING

DO NOT CONTINUE TO USE THE DEVICE AFTER IDENTIFYING LOOSE OR BROKEN COMPONENTS. REMOVABLE, ADJUSTABLE OR HINGED COMPONENTS.

Check the function of all moveable components during each use. Insure they adjust and lock into position and supply the necessary support to the user.

WARRANTY

Limited Warranty

Any product found to be defective due to the material or workmanship within one year will be replaced under our return policy following product evaluation by Therafin Corporation. This replacement warranty does not include misuse or neglect of the product.

Liability

While Therafin Corporation is responsible for any product that is defective due to manufacturing by Therafin Corporation, we are not liable for misuse or misapplication of our products. To achieve optimum performance, it is recommended that experienced professionals be consulted in the selection and application of our products.