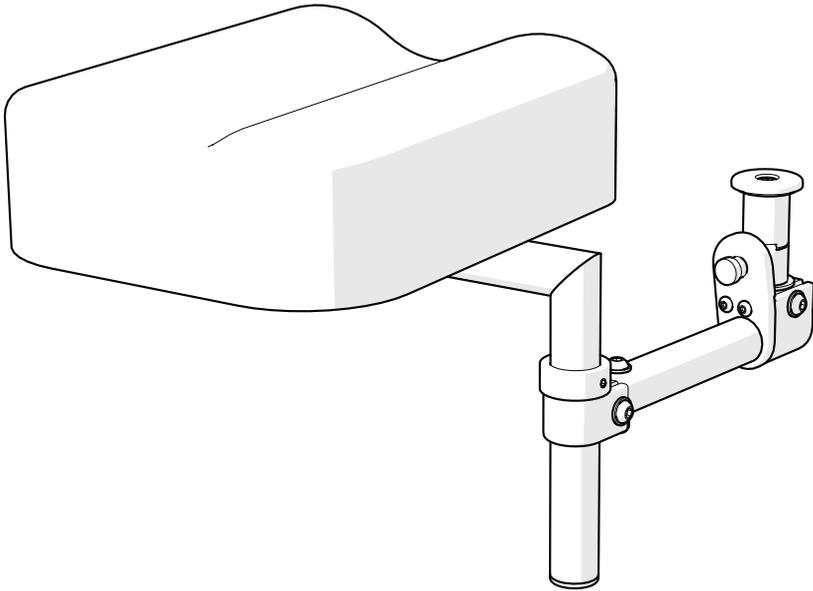


Stealth Products[®]



**Lower
Extremities**



Residual Limb Support

Owner's Manual - Maintenance Guide
Residual Limb Support for Quantum

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Stealth Products is committed to 100% customer satisfaction. Your complete satisfaction is important to us. Please contact us with feedback or suggestions to help us improve the quality and usability of our products.

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General

Read and understand all instructions prior to the use of the product. Failure to adhere to instructions and warnings in this document may result in property damage, injury, or death. Product misuse or failure to follow instructions will void the warranty.

Immediately discontinue use if any function is compromised, if parts are missing or loose, or if any component shows signs of excessive wear. Consult with your supplier for repair, adjustment, or replacement.

All persons responsible for fitting, adjustment, and daily use of the devices discussed in these instructions must be familiar with and understand all safety aspects of the devices mentioned. In order for our products to be used successfully, you must read and understand all instructions and warnings, and maintain our products according to our instructions on care and maintenance.

The installation instructions will guide you through this product's options and possibilities.

Instructions are written with the expressed intent of use with standard configurations. They also contain important safety and maintenance information, as well as describe possible problems that can arise during use. For further assistance, or more advanced applications, please contact **Stealth Products** at (512) 715-9995 or toll free at (800) 965-9229 or your supplier.

Always keep the operating instructions in a safe place so they may be referenced as necessary.

All information, pictures, illustrations, and specifications are based on the product information that was available at the time of printing. Pictures and illustrations shown in these instructions are representative examples and are not intended to be exact depictions of the various parts of the product.

 **CAUTION**

These products are designed to be fitted, applied, and installed exclusively by a healthcare professional trained for these purposes. The fitting, application, and installation by a non-qualified individual could result in serious injury.

Warranty

Our products are designed, manufactured, and produced to the highest of standards. If any defect in material or workmanship is found, **Stealth Products** will repair or replace the product at our discretion. Any implied warranty, including the implied warranties of merchantability and fitness for a particular purpose, shall not extend beyond the duration of this warranty. **Stealth Products** does not warrant damage due to, but not limited to: Misuse, abuse, or misapplication of product, and/or modification of product without written approval from **Stealth Products, LLC**. Any alteration or lack of serial number, where applicable, will automatically void all warranty.

Stealth Products, LLC is liable for replacement parts only. **Stealth Products, LLC** is not liable for any incurred labor costs. **Stealth Products** warrants against failure due to defective materials or workmanship:

Covers, Headrest Pads, Cushions: 2 years
Hardware: 5 years
Electronics: 3 years

In the event of a product failure covered by our warranty, please follow the procedures outlined below:

Call **Stealth Products** at (512) 715-9995 or toll free at (800) 965-9229.

Request a Return Authorization (RA) form from the Returns Department and follow the documentation instructions.

Full warranty information may be found by visiting the website at <https://stlpro.site/returns-n-warranty>, or by scanning the Warranty Information QR code located on the back cover of this manual. You can download additional copies of this manual by accessing the Stealth website (www.stlpro.site/stealth-docs) and searching "Residual Limb Support" in the search bar at the top of the page.

Supplier Reference

Supplier:	
Telephone:	
Address:	
Purchase Date:	
Model:	

Warning Labels

Warnings are included for the safety of the user, client, operator, and property. Please read and understand what the signal words **DANGER**, **WARNING**, **CAUTION**, **NOTICE**, and **SAFETY** mean, and how they could affect the user, those around the user, and property.



DANGER

Identifies an **imminent** situation which, if not avoided, may result in **severe injury, death, and property damage**.



WARNING

Identifies a **potential** situation which, if not avoided, may result in **severe injury, death, and property damage**.



CAUTION

Identifies a **potential** situation which, if not avoided, may result in **minor to moderate injury and property damage**.

NOTICE

Identifies important information not related to injury, but possible **property damage**.

SAFETY

Indicates steps or instructions for safe practices, reminders of safe procedures, or important safety equipment that may be necessary.

Limited Liability

Stealth Products, LLC accepts no liability for personal injury or damage to property that may arise from the failure of the user or other persons to follow the recommendations, warnings, and instructions in this manual.

Stealth Products does not hold responsibility for final integration of final assembly of product to end user. **Stealth Products** is not liable for user death or injury.

Testing

Initial setup and driving should be done in an open area free of obstacles until the user is fully capable of driving safely.

Intended Use

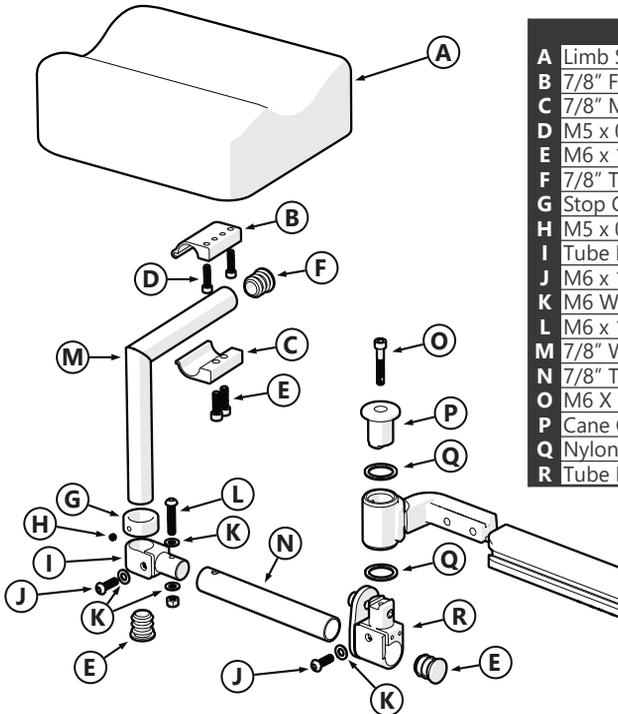
The Residual Limb Support System for Quantum is a robust, adjustable, flip-away device intended for installation on Quantum TB3-style seat rails. The system is adjustable in medial/ lateral position, height, and angle, providing a custom fit that enhances user comfort by supporting the user's residual limb. The support system is easy to clean and can be removed or adjusted as needed by following the provided installation instructions. The system can be unlocked and flipped away for transfers and ADL, and positively returns to the same position when flipped back and locked into place. The system is intended for Quantum power chair users that have had a lower leg amputation or other procedure requiring specific limb support as prescribed by a qualified healthcare professional.

Features

The **Residual Limb Support** system features:

- easy swing-away/removal for greater access during client transfers;
- full tilt-angle adjustability;
- multiple mounting configurations; and,
- a soft, non-abrasive cover to increase user comfort.

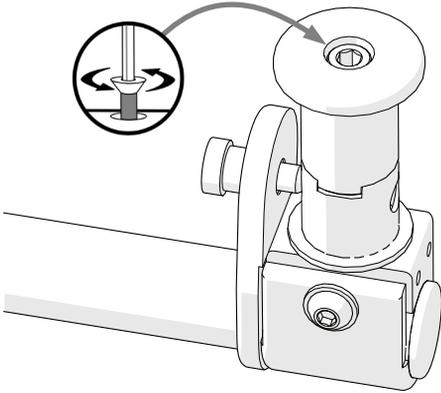
Parts Included



Item	Torque
A Limb Support Pad	-
B 7/8" Female Tube Clamp	-
C 7/8" Male Tube Clamp	-
D M5 x 0.8 x 20MM SHS	10.3 N·m
E M6 x 1 x 20MM SHS	17.5 N·m
F 7/8" Tubing Plug	-
G Stop Collar	-
H M5 x 0.8 x 4MM Set Screw	Hand Tight
I Tube Mounted Cane Clamp	-
J M6 x 1 x 20MM BHS	11 N·m
K M6 Washer	-
L M6 x 1 x 30MM BHS	11 N·m
M 7/8" Welded Tubing	-
N 7/8" Tubing	-
O M6 X 1 X 35MM SHCS	17.5 N·m
P Cane Clamp Hanger Cap	-
Q Nylon Washer	-
R Tube Mounted Cane Clamp	-

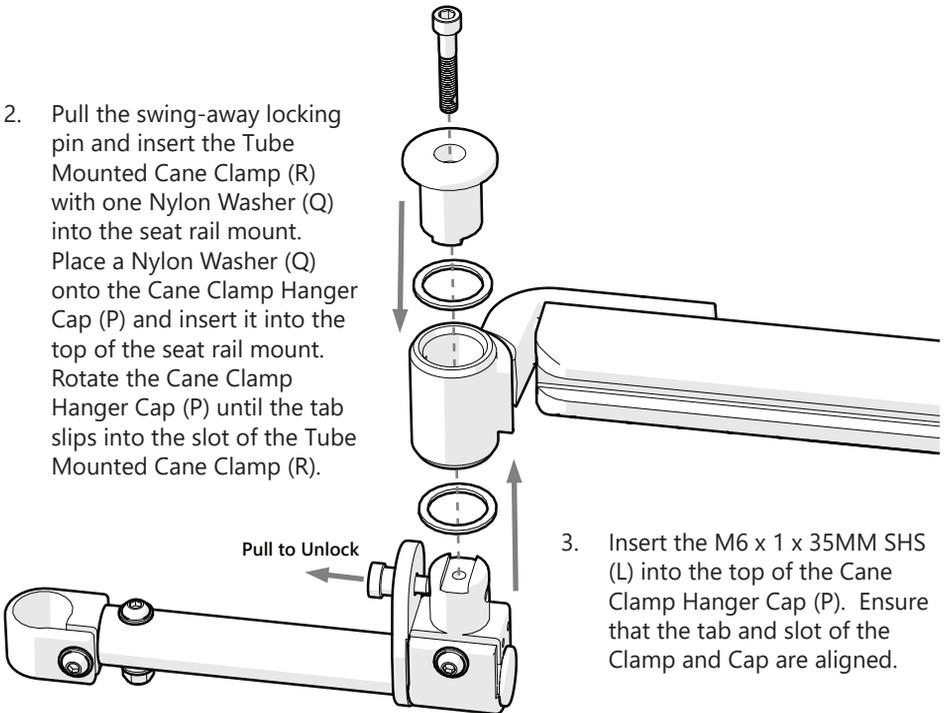
Mounting the Hardware

To install the Quantum Track-Mount Residual Limb Support:



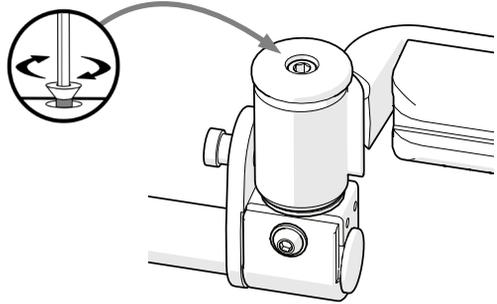
1. Remove the M6 x 1 x 35MM SHS (L) joining the Cane Clamp Hanger Cap (P) to the Tube Mounted Cane Clamp (R). Remove one of the Nylon Washers (Q) from the Tube Mounted Cane Clamp (R).

2. Pull the swing-away locking pin and insert the Tube Mounted Cane Clamp (R) with one Nylon Washer (Q) into the seat rail mount. Place a Nylon Washer (Q) onto the Cane Clamp Hanger Cap (P) and insert it into the top of the seat rail mount. Rotate the Cane Clamp Hanger Cap (P) until the tab slips into the slot of the Tube Mounted Cane Clamp (R).



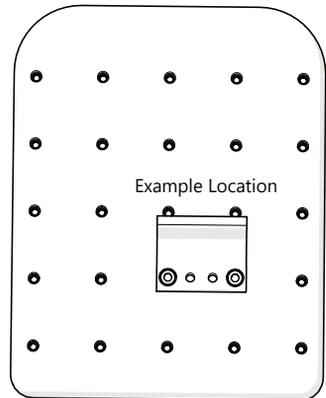
3. Insert the M6 x 1 x 35MM SHS (L) into the top of the Cane Clamp Hanger Cap (P). Ensure that the tab and slot of the Clamp and Cap are aligned.

4. Tighten the M6 x 1 x 35MM SHS (L) to the torque value shown in the table on Page 1.



Installing the Support Pad on the Hardware

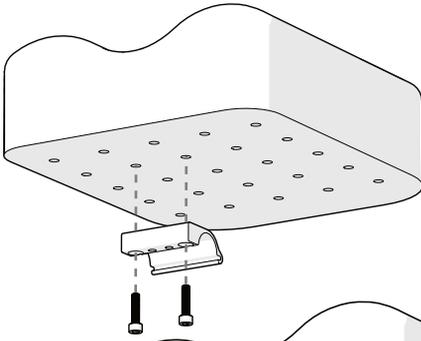
1. Unzip the cover of the Limb Support Pad (A) to reveal the base plate. The 7/8" Tube Clamp (B) & (C) will fit across any two adjacent holes on this plate. Choose the desired hole locations for the mount and replace the cover on the Limb Support Pad (A), noting the locations of the selected holes on the cover.
2. Use an awl or other pick-like object to locate and pierce the fabric in the desired mounting location. There should now be two holes in the fabric which match up with the two corresponding holes in the base plate.



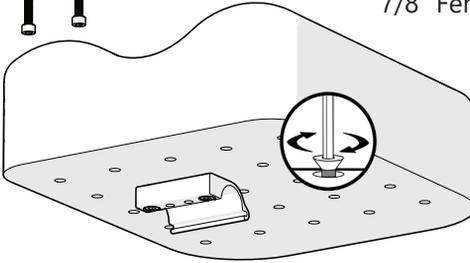
CAUTION

Be sure to install the cover on the Limb Support Pad properly. Close and lock the zipper fully to avoid catching skin, hair, or clothing in the teeth.

Installation Instructions



- Using a 4mm hex key, screw the two (2) M5 x 0.8 x 20mm socket head screws (D) through the 7/8" Female Tube Clamp (B) and into the threaded inserts in the back of the pad. Tighten the screws to the torque value shown in the chart on Page 1 to secure the 7/8" Female Tube Clamp (B) in place.

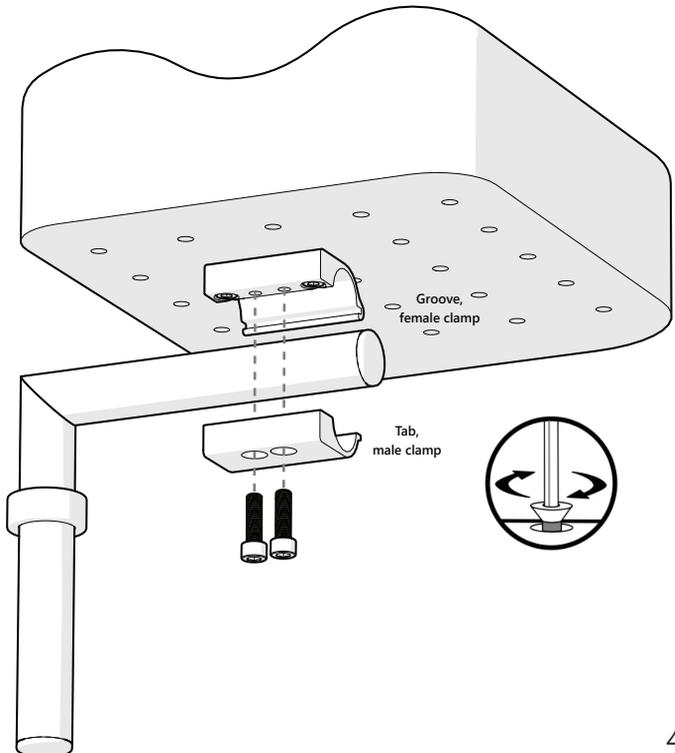


The bottom of the pad is shown without foam or cover for illustration purposes.

There are a total of twenty locations the clamp can be mounted, depending on the positioning needs of the user.

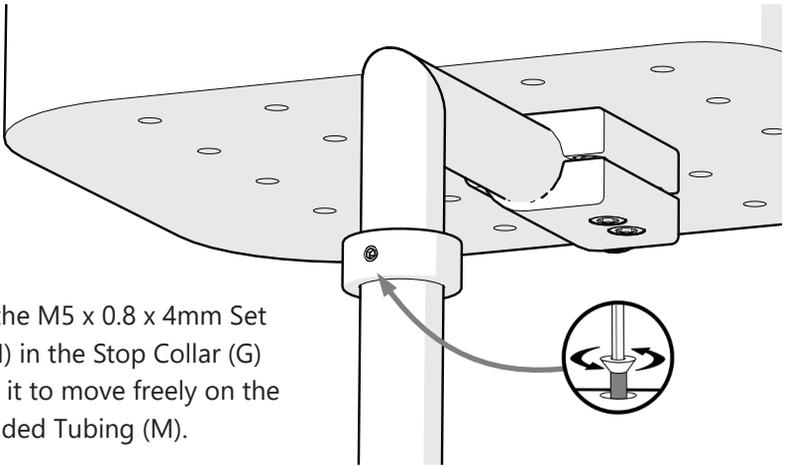
- Align the tab on the 7/8" Male Tube Clamp (C) with the groove located on the 7/8" Female Tube Clamp (B) and around the 7/8" Welded Tube (M) as shown in the image below. Slide the 7/8" Tube Clamp (B) & (C) to the desired location on the rod.

- Using a 4mm hex key, tighten the two (2) M6 x 1.0 x 20mm socket head screws (E) through the 7/8" Male Tube Clamp (C) and into the 7/8" Female Tube Clamp (B). Tighten these screws to the torque value in the table on Page 1 to lock the pad in place on the cane.

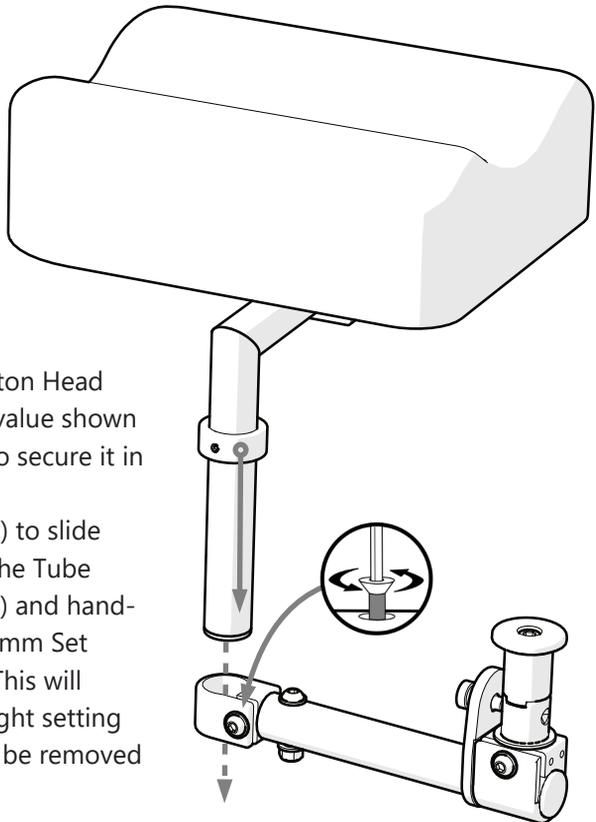


Installing the Support Pad Assembly to the Chair

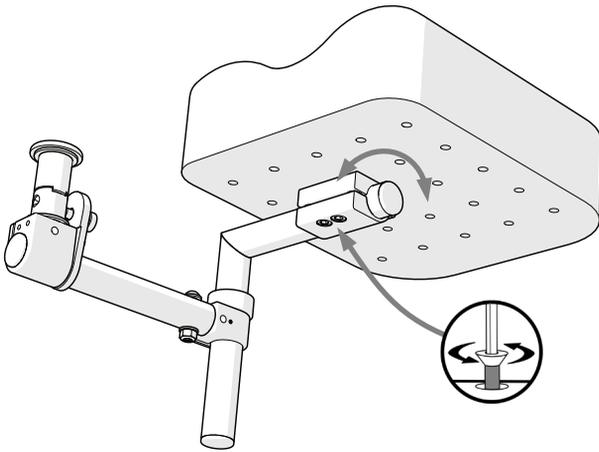
1. Loosen the M5 x 0.8 x 4mm Set Screw (H) in the Stop Collar (G) allowing it to move freely on the 7/8" Welded Tubing (M).



2. Loosen the M6 x 1 x 20MM Button Head Screw (J) and slide the 7/8" Welded Tube (M) through the Tube Mounted Cane Clamp (I). Choose the proper height and tighten the M6 x 1 x 20MM Button Head Screw (J) to the torque value shown in the chart on Page 1 to secure it in place.
3. Allow the Stop Collar (G) to slide down and rest against the Tube Mounted Cane Clamp (I) and hand-tighten the M5 x 0.8 x 4mm Set Screw (H) to secure it. This will ensure a repeatable height setting should the pad need to be removed for any reason.

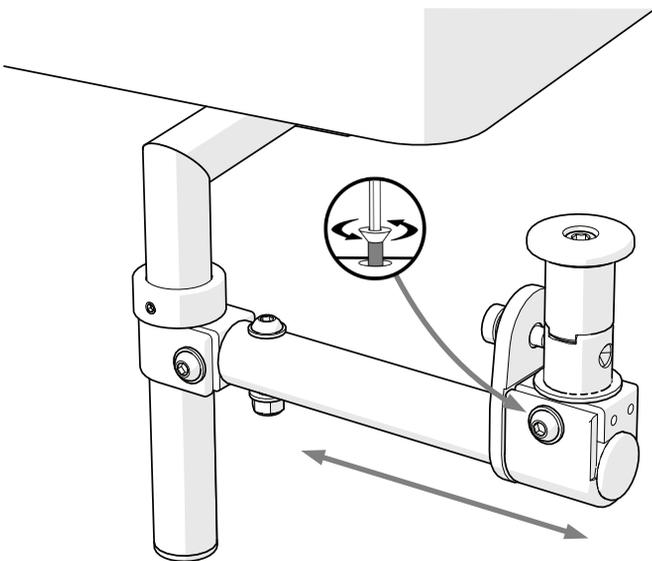


Adjusting the Angle of the Limb Support Pad



1. Loosen the M6 x 1 x 20MM Socket Head Screws (E) to release the Cane Clamp to rotate on the 7/8" Welded Tube (M).
2. Rotate the Limb Support Pad (A) to the desired angle and tighten the M6 x 1 x 20MM Socket Head Screws (E) to the torque value shown in the table on Page 1.

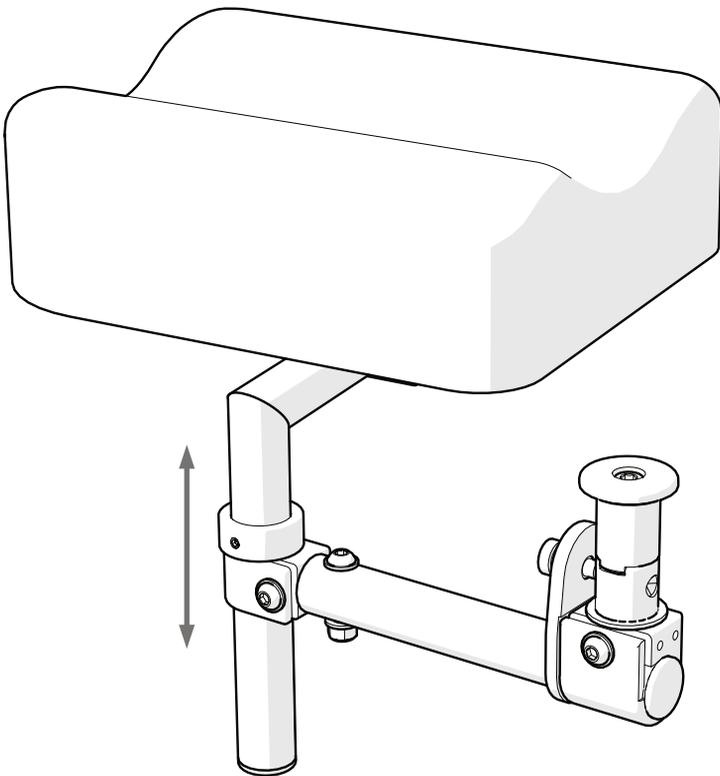
Adjusting the Depth of the Limb Support Pad



1. Loosen the M6 x 1 x 20MM Button Head Screw (J) to release the Tube Mounted Cane Clamp (R) from the 7/8" Tubing (N).
2. Slide the 7/8" Tubing (N) to the position desired and tighten the M6 x 1 x 20MM Button Head Screw (J) to the torque specification listed in the table on Page 1.

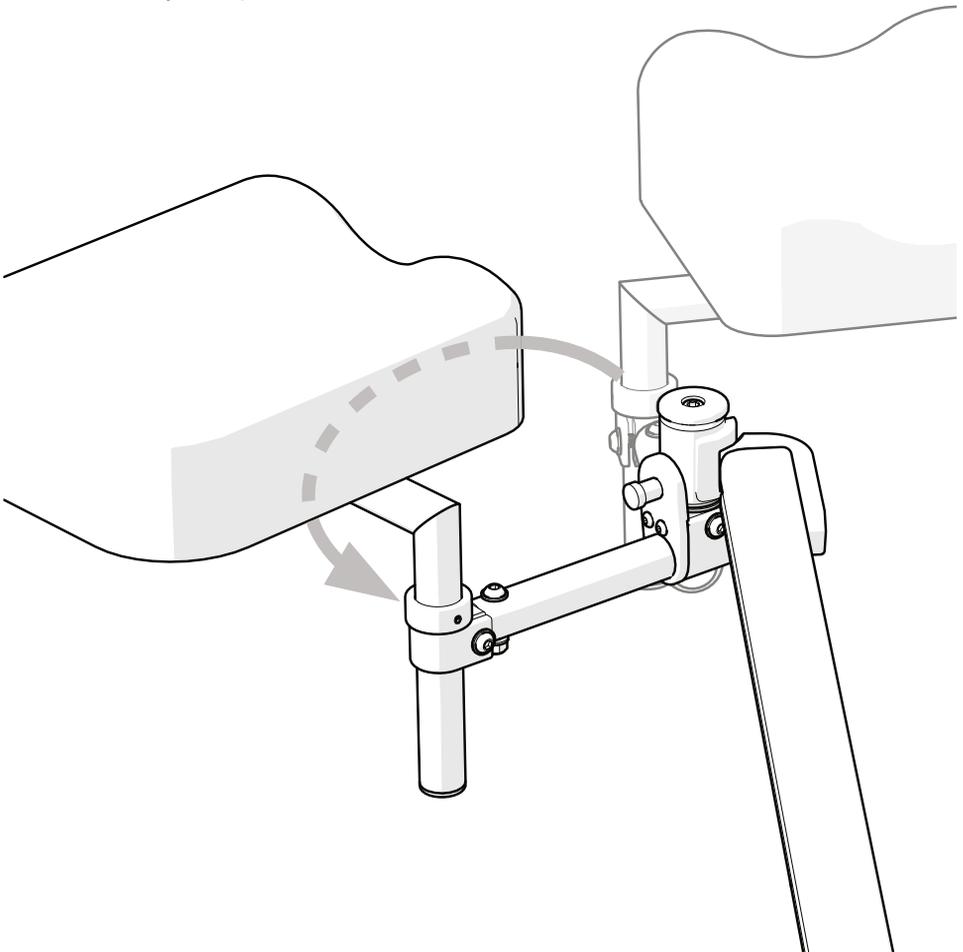
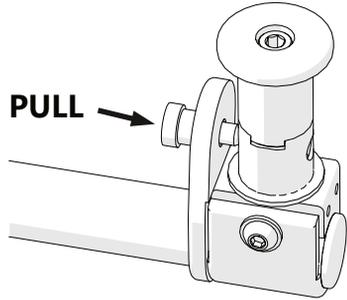
Adjusting the Height of the Limb Support Pad

1. Loosen the M5 x 0.8 x 4mm Set Screw (H) in the Stop Collar (G) and let it slide freely over the 7/8" Welded Tube (M).
2. Loosen the M6 x 1 x 20MM Button Head Screw (J) shown in the image below. This will allow the 7/8" Welded Tube (M) to be raised or lowered. Move the pad to the desired height and tighten the M6 x 1 x 20MM Button Head Screw (J) to the torque value shown in the table on Page 1.
3. Hand tighten the M5 x 0.8 x 4mm Set Screw (H) in the Stop Collar (G) to secure it in position against the Tube Mounted Cane Clamp (I). Be careful not to over-tighten this set screw.



Swing-Away Operation

1. Pull the Locking Pin, disengaging it from the slot in the seat rail mount.
2. Rotate the Limb Support Pad (A) away from the user.
3. Swing the residual limb support back to its original position, ensuring it locks securely into place.



Dealer Assistance

During first time use by the client, it is advised that the dealer or service technician not only assembles the components, but also explains the configurations or positioning to the customer (i.e., the user and/or the attendant). If needed, the dealer or service technician can make final adjustments.

User Testing

It is important that the customer is fully aware of the installation of the **Residual Limb Support**, how to operate it, and the ways in which it can be adjusted to fit the specific needs of the client. A dealer should explain and demonstrate the necessary installation steps, and should explain the functions of the device's components.

- Explain and demonstrate the initial setup of the **Residual Limb Support**, and explain the functions of all attached equipment.

Conditions of Use

The **Residual Limb Support** is intended for use as installed by the dealer or service technician, in accordance with the installation instructions in this manual.

- The foreseen conditions of use are communicated by the dealer or service technician to the user and/or attendant during the first-time use.
- If the usage conditions change significantly, please contact your dealer or a qualified service technician to avoid unintended damage.

Care and Maintenance

Ensure the hardware used stays in working order by caring for and maintaining it.

- Periodically check any hardware for loose screws or worn parts. Replace or repair the parts as necessary.

CAUTION

If the wheelchair is involved in a collision, check all hardware thoroughly for damage. If there are any signs of damage, have a qualified technician inspect and replace the damaged components or send the parts to Stealth Products for a complete overhaul to ensure future safety.



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Warranty Information



Home Page



Online User Manual



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