

**Stealth Products**<sup>®</sup>

Lower Extremities



**OWNER'S MANUAL**



## Residual Limb Support

---

Owner's Manual for the Track-Mounted  
Residual Limb Support by  
Stealth Products

Stealth Products strives for 100% customer satisfaction. Your complete satisfaction is important. Please contact us with feedback or to suggest changes that may help improve the quality and usability of our products. You may reach us at:



Stealth Products, LLC  
104 John Kelly Drive  
Burnet, TX 78611

Phone: (512) 715-9995  
Fax: (512) 715-9954  
info@stealthproducts.com

Toll Free: (800) 965-9229  
Toll Free: (800) 806-1225  
www.stealthproducts.com

## 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 due to failure to adhere to the following 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 repairs, adjustments or replacements.

## Important Information

All persons responsible for the fitting, adjustment, and daily use of the device(s) discussed in these instructions must be familiar with and understand all safety aspects of the device(s). In order for our products to be used successfully, you must:

- read and understand all instructions and warnings;
- maintain our products according to our instructions on care and maintenance; and
- ensure devices are installed and adjusted by a trained technician.

All assemblies and configurations *must* be completed by a dealer or a trained technician.

This manual contains instructions and statements meant to be followed by dealers or trained technicians.

## Supplier Reference

Supplier: \_\_\_\_\_

Telephone: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Purchase Date: \_\_\_\_\_

Model: \_\_\_\_\_

Before installing or using this product, it is important to read and understand the content of these installation and operation instructions. This owner's manual is designed to guide you through your product's options and possibilities.

Instructions are written with the expressed intent of use with standard configurations. They 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 your supplier or Stealth Products at (512) 715-9995 or toll free at (800) 965-9229.

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.

 **WARNING**

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 may result in serious injury.

## Ordering Documentation

You can download additional copies of this user manual by accessing the Stealth website ([www.stealthproducts.com](http://www.stealthproducts.com)) and searching "Residual Limb Support Hardware" in the search bar at the top of the page.

Our products are designed, manufactured, and produced to the highest standards. If any defect in material or workmanship is found, Stealth Products, LLC 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, LLC does not warrant damage due to, but not limited to:

- misuse, abuse, or misapplication of products; and/or
- modification of products without written approval from Stealth Products, LLC.

Any lack or alteration of serial number, where applicable, will automatically void this warranty.

Stealth Products, LLC is liable for replacement parts only. Stealth Products, LLC is not liable for any incurred labor costs.

No person is authorized to alter, extend, or waive the warranties of Stealth Products, LLC.

Stealth Products, LLC warrants against failure due to defective materials or workmanship:

**Covers/Soft Goods:** 18 months

**Hardware:** 5 years

**Electronics:** 3 years

## In Case of Product Failure

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

1. Call Stealth Products at (512) 715-9995 or toll free at (800) 965-9229.
2. Request a Return Authorization (RA) form from the Returns Department and follow documentation instructions.

<b>1.0 Customer Satisfaction</b> .....	<b>i</b>
<b>2.0 Important Information</b> .....	<b>ii</b>
<b>3.0 Introduction</b> .....	<b>iii</b>
<b>4.0 Warranty</b> .....	<b>iv</b>
<b>5.0 Table of Contents</b> .....	<b>v</b>
<b>6.0 Warning Labels</b> .....	<b>vii</b>
6.1 Warning Labels .....	vii
6.2 Limited Liability.....	vii
6.3 Testing .....	vii
<b>7.0 Design and Function</b> .....	<b>1</b>
7.1 Intended Use .....	1
7.2 Features .....	1
7.3 Mounting Options.....	1
<b>8.0 Setup</b> .....	<b>2</b>
8.1 Mounting the Hardware.....	2
8.2 Swing-Away Removal.....	4
8.3 Pad Adjustment .....	2
<b>9.0 Transit Safety</b> .....	<b>5</b>
9.1 Before Transit.....	5
9.2 Pre-Transit Checklist .....	5

<b>10.0 First-Time Use .....</b>	<b>6</b>
11.1 Dealer Assistance .....	6
11.2 User Testing .....	6
11.3 Conditions of Use.....	6
<b>11.0 Maintenance.....</b>	<b>7</b>
12.1 Care and Maintenance .....	7
12.2 Safety.....	7

## Warning Labels

## 6.1

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/or property damage**.

### **WARNING**

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

### **CAUTION**

Identifies a **potential** situation which, if not avoided, may result in **minor to moderate injury and/or 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

## 6.2

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

## Testing

## 6.3

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

### 7.1

The **Residual Limb Support** system increases user comfort and supports a residual limb with multiple angles of adjustment and features an easy-to-clean cover.

The **Residual Limb Support** allows the client to remove the pad or swing it away while keeping the installed foot rigging in place.

## Features

### 7.2

The **Residual Limb Support** system features:

- easy swing-away and removal for greater assistance in client transfers;
- full tilt angle adjustability;
- multiple mounting configurations;
- a track that promotes easy length adjustability; and
- soft, non-abrasive cover to increase user comfort.

## Mounting Options

### 7.3

The **Residual Limb Support** system is able to be mounted in the following ways:

- clamp-style cane mounting, and
- track-style chair mounting.

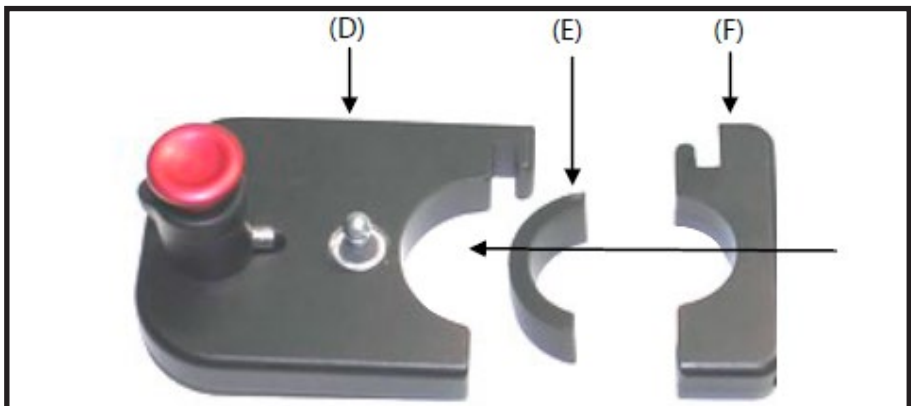
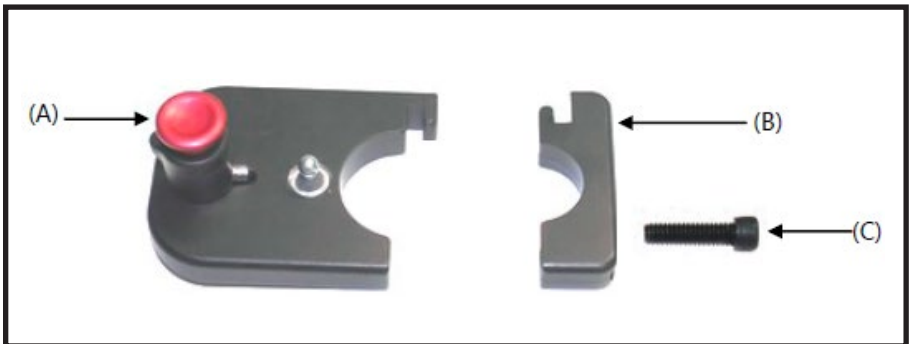
## Mounting the Hardware

### 8.1

There are two ways of mounting the RLSHWTB3 **Residual Limb Support** hardware, detailed below.

*To install the clamp-style **Residual Limb Support** hardware:*

- Interlock the opposing ends of the tube clamp around the wheelchair frame.
- Tighten the screw (C) through the adjacent holes on the clamp with a 3/16" hex key.
  - The swing-away tube clamp (A) and the 1 3/8" male tube clamp (B) is used to mount the hardware onto a 1 3/8" tubing.
  - The spacer package is used when mounting onto a smaller tube.
- Place the appropriate bushing (D) on the swing-away tube clamp (E) and use the corresponding-sized male tube clamp (F) before mounting.



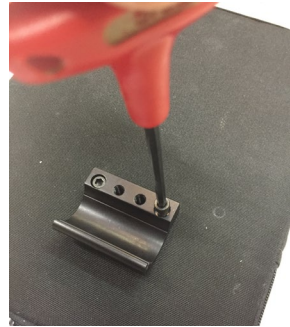
To install the pad to the clamp-style **Residual Limb Support** hardware:

1. Unzip the pad cover to reveal the back of the pad, where a wooden plank will display several mounting holes. Choose the desired hole locations for the mount. Zip the cover back in place and mark the locations of the desired mounting holes.
2. Using a sharp pic-like object, poke holes through the back of the fabric into the location of the desired mounting holes. There should now be two holes in the fabric lined up with two corresponding metal screw inserts.
3. Using a 5/32" hex key, screw the two (2) 10/-32 x 3/4" socket head screws through the female cane clamp and into the screw inserts in the back of the pad, ensure the female cane clamp is securely in place.
4. Loosely insert the male tube clame into the groove provided on the female clamp. After, slide the swing-away tube clame to its desired location in the clamp assembly.
5. Using a 3/16", tighten the two (2) 1/4-20 socket head screws into the two inserts on top of the male cane clamp to lock the assembly in place. (To adjust the cane position.

1



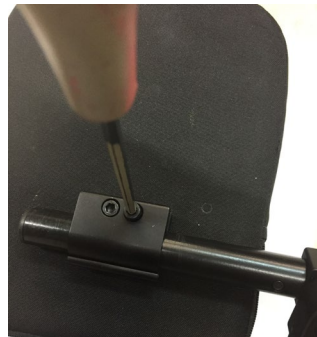
2



3



4



3

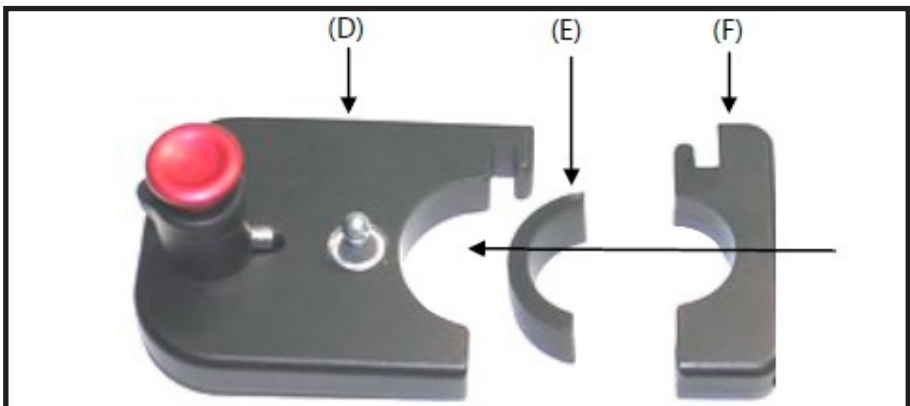
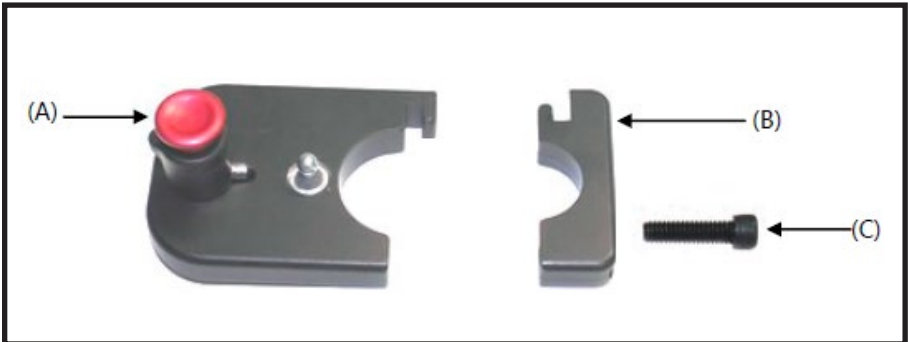
## Mounting the Hardware

### 8.1

There are two ways of mounting the RLSHWTB3 **Residual Limb Support** hardware, detailed below.

*To install the clamp-style **Residual Limb Support** hardware:*

1. Interlock the opposing ends of the tube clamp around the wheelchair frame.
2. Tighten the screw (C) through the adjacent holes on the clamp with a 3/16" hex key.
  - The swing-away tube clamp (A) and the 1 3/8" male tube clamp (B) is used to mount the hardware onto a 1 3/8" tubing.
  - The spacer package is used when mounting onto a smaller tube.
3. Place the appropriate bushing (D) on the swing-away tube clamp (E) and use the corresponding-sized male tube clamp (F) before mounting.



To install the pad to the clamp-style **Residual Limb Support** hardware:

1. Unzip the pad cover to reveal the back of the pad, where a wooden plank will display several mounting holes. Choose the desired hole locations for the mount. Zip the cover back in place and mark the locations of the desired mounting holes.
2. Using a sharp pic-like object, poke holes through the back of the fabric into the location of the desired mounting holes. There should now be two holes in the fabric lined up with two corresponding metal screw inserts.
3. Using a 5/32" hex key, screw the two (2) 10/-32 x 3/4" socket head screws through the female cane clamp and into the screw inserts in the back of the pad, ensure the female cane clamp is securely in place.
4. Loosely insert the male tube clame into the groove provided on the female clamp. After, slide the swing-away tube clame to its desired location in the clamp assembly.
5. Using a 3/16", tighten the two (2) 1/4-20 socket head screws into the two inserts on top of the male cane clamp to lock the assembly in place. (To adjust the cane position.

1



2



3



4



5

## Mounting the Track Hardware

8.1

Align the two (2) track nuts into the groove on the side of the wheelchair. Slide the assembly into the desired location, then use a 5/32" hex key to tighten the screws firmly in place.



## Swing-Away Removal

8.2

The red button lock (D) allows the hardware to swing away or be removed to assist in transfers. To swing the hardware away:

1. Press the red button lock (D) and swing the hardware to the side.
2. Lift for removal.

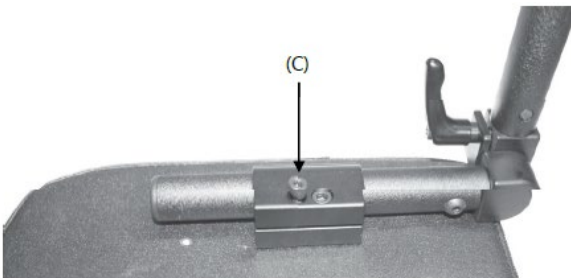


## Pad Adjustment

8.3

The pad's position can be adjusted if more depth is required for the user.

1. Loosen the two screws (C) on the tube clamp with 3/16" hex key until the position can be adjusted on the horizontal tube bar.
2. Adjust to the desired position, then retighten the screws.



## Before Transit

## 9.1

### CAUTION

Prior to transporting, always double check the tie-downs and hardware.

1. On tie-down restraints, look for tears or worn webbing straps.
2. Replace worn straps as necessary. *NEVER* use worn or torn straps.
3. Look for damaged hooks or loose tie-down hardware.

*On the seating system:*

1. Check for loose screws attaching the hardware to the seat. These should be tightened snugly.
2. If there is a tray or any items that can become airborne or cause bodily harm in the event of a crash, relocate and secure them.
3. This hardware does not require independent crash testing for a transport, as it is considered to be installed as part of a mobility base.

## Pre-Transit Checklist

## 9.2

1. The chair should be in a forward position.
2. Check all hardware for loose screws and/or damaged components.
3. Ensure all tie-down are secure and are affixed in secure areas.
4. Seat belt restraints that are compliant with ANSI/RESNA WC/Vol.4, Section 19/ISO 7176-19 are utilized.

### CAUTION

If the wheelchair is ever involved in a collision, check all hardware thoroughly for damage.

### CAUTION

If there are 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

## Dealer Assistance

## 10.1

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.

### **WARNING**

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 may result in serious injury.

## User Testing

## 10.2

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

## 10.3

The **Residual Limb Support** is intended for use as installed by Stealth Products, 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

### 11.1

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

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

## Safety

### 11.2

Avoid getting electronics wet. Do not use electronics with wet or damp hands, as doing so presents an electrocution risk, which could result in personal injury and/or product damage.

**SAFETY**

Replace or repair parts as needed.



Stealth Products, LLC. • [info@stealthproducts.com](mailto:info@stealthproducts.com) • [www.stealthproducts.com](http://www.stealthproducts.com)  
(800) 965-9229 | (512) 715-9995 | 104 John Kelly Drive, Burnet, TX 78611

Residual Li

Revision Date 2019-06-11