

Stealth Products

Lower Extremities



USER MANUAL



RLSHW100

Stealth's User Manual and Maintenance Guide for
Residual Limb Support

Stealth Products strives for 100% customer satisfaction. Your complete satisfaction is important. Please contact us with feedback or suggested changes that will help improve the quality and usability of our products.

You may reach us at:



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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 due to failure of the following instructions will void the warranty.

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

Important Information!

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.
- Maintain our products according to our instructions on care and maintenance.
- Devices should be installed and adjusted by a trained technician.

Supplier Reference

Supplier: _____

Telephone: _____

Address: _____

Purchase Date: _____

Model: _____

Before you install or begin using this product, it is important that you read and understand the content of these installation and operating instructions. The installation instructions will guide you through the possibilities with the RLSHW100.

Instructions are written with the expressed intent of use with standard configurations. They also contain important safety and maintenance information. For further assistance, or more advanced applications, please contact your supplier or Stealth Products at (512) 715-9995 or toll free at 1-800-965-9229.

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.

Ordering Documentation

You can download additional copies of this User Manual on the Stealth website:

www.stealthproducts.com/gui/docs/?type=usr&

Or search:

RLSHW100 User Manual in the search bar at the top of the page.

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, LLC does not warrant damage due to, but not limited to:

- Misuse, abuse, or misapplication of products.
- Modification or product without written approval from Stealth Products, LLC.
- Any alteration or lack 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 warrants against failure due to defective materials or workmanship:

Covers: 180 days

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 at +1 (512) 715-9995 or toll free +1-800-965-9229.
2. Request the Returns Department or obtain an RA from the Returns Department and follow department or documentation instructions.

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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 **SAFETY, NOTICE, CAUTION, WARNING** and **DANGER** mean, how they could affect the user, those around the user, and property.

 **DANGER**

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

 **WARNING**

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

 **CAUTION**

Identifies a **potential** situation which (if not avoided) will 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

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.

Testing

6.3

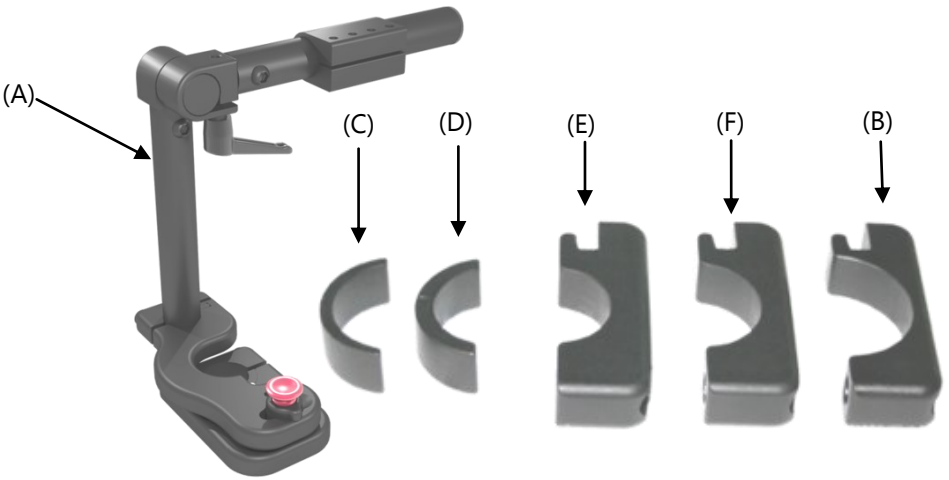
Initial setup and driving should be done in an open area free of obstacles until the user is fully capable of driving safely.

The RLSHW100 should always be tested without any person sitting in the wheelchair until every alteration of the physical installation or adjustment of the residual limb is complete.

Parts Included

7.1

- RLSHW100 (Residual Limb Support Hardware) (A)
- FLS100-SP (Residual Limb Support Spacer Package) (B)
- 1 1/8" Spacer (C)
- 1" Spacer (D)
- 1" Tube Clamp Connector (E)
- 1 1/8" Tube Clamp Connector (F)
- 1 3/8" Tube Clamp Connector (G)



Dimensions

7.2

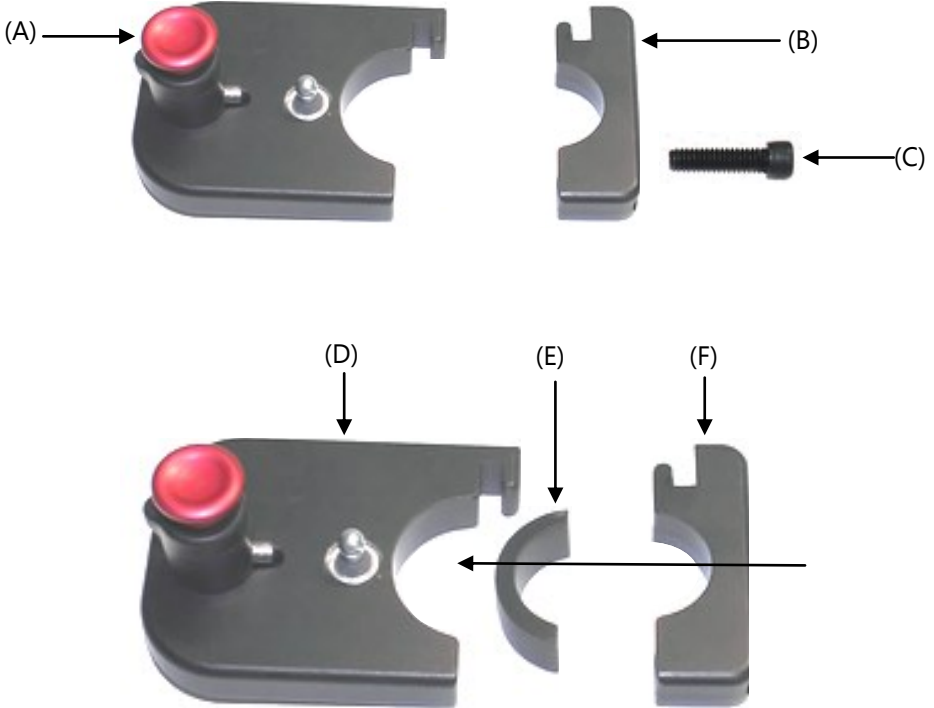
Item	Width	Height	Depth	Wedge
Hardware Only	5 3/4in.	7in.	7 1/2in.	N/A
Standard Pad	7in.	3in.	9in.	1in.

Mounting the Hardware

8.1

To install the RLSHW100 hardware:

1. Interlock 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 tub clamp (A) and 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.

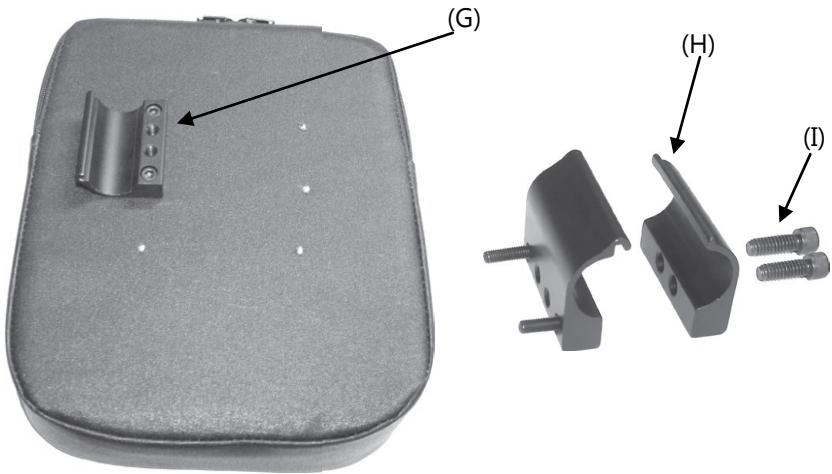


Pad Mounting

8.2

To mount the pad to the hardware:

1. Use a tube clamp to mount the residual limb pad to the hardware.
2. Attach the female tube clamp (G) to the pad with screws and a 5/32" hex key.
3. Interlock the female tube clamp and male tube clamp (H) around the horizontal tube.
4. Tighten screws (I) with a 3/16" hex key.

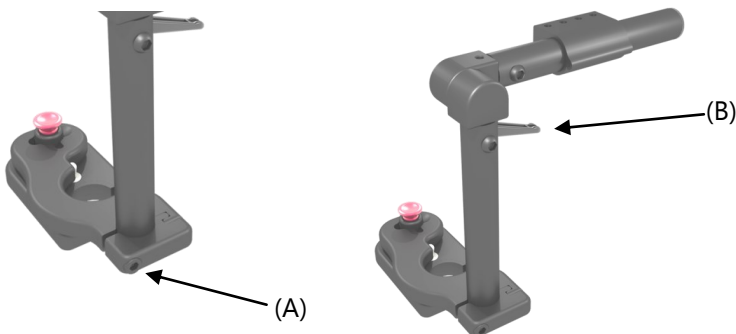


Hardware Adjustment

8.3

To adjust the angle of the hardware's horizontal tube:

1. With a 3/16" hex tool, loosen socket head screw (A) until you can adjust the height and rotation of the vertical bar (B).
2. Adjust to desired position and retighten screw.

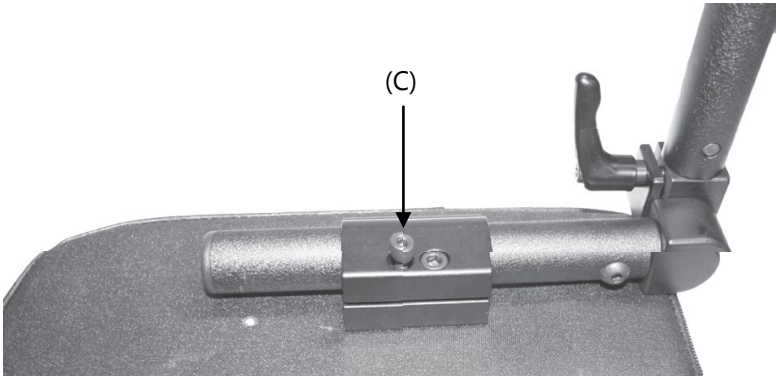


Pad Adjustment

8.4

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 a 3/16" hex key until the position can be adjusted on the horizontal bar.
2. Adjust to desired position and retighten screws.

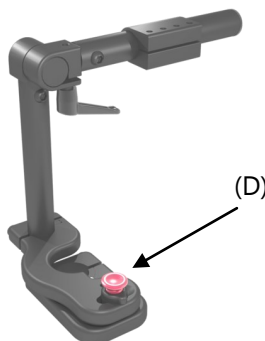


Swing Away & Removal

8.5

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

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



Before Transit

9.1

CAUTION

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

- On tie-downs and restraints, look for tears or worn webbing straps.
- Replace as necessary and never use torn straps.
- Look for damaged hooks or loose tie-down hardware.

On the seating system:

- Check for loose screws attaching the hardware to the seat. These should be snug.
- 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.
- This hardware does not require independent crash testing for transport as it considered to be installed as part of a mobility base.

Pre-Transit Checklist

9.2

- The chair is in a forward position.
- All hardware is checked for loose screws or damaged components.
- Check that all tie-downs are secure and restraints are not twisted.
- Any loose objects are removed and placed in secure areas.
- Seat belt restraints that are compliant with ANSI/RESNA WC/Vol. 4, Section 19/ISO 7176-19 are utilized.

CAUTION

In the event that the chair is ever in a vehicular collision, check all hardware thoroughly for damage.

CAUTION

If there are any signs of damage, have a qualified tech inspect and replace the damaged components or send 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 assists and explain the configuration to the customer (the user and/or the attendant). If needed, the dealer can make final adjustments.

WARNING

The RLSHW100 should only be fitted by a qualified healthcare professional.

User Testing

10.2

It is important that the customer is fully aware of the installation and how the hardware can be adjusted in order to gain the best positioning possible. As a dealer, proceed as follows:

- Explain and show the customer how you have executed the installation, and explain the function.

Have the user test the position of the hardware:

- Is the residual limb hardware in the proper position for the client?
- Can the user safely operate the chair in the position they are seated in?
- Is the placement of the hardware in an optimal position for the user?

If needed, adjust the residual limb hardware to the proper position.

Explain to the customer any possible issues and how to address them.

Conditions of Use

10.3

The residual limb hardware is intended for use as installed by the dealer, in accordance to 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 conditions of use change significantly, please contact your dealer or a qualified service technician to avoid excessive wear and tear or unintended damage.

Cleaning

11.1

For minor stains:

- Scrub aluminum with water and use a brush or sponge

For more serious stains:

- Use an abrasive sponge with a gentle household cleaner or glass cleaner.

Maintenance

11.2

Ensure the hardware you are using stays in working order by keeping it cared for and maintained.

- Periodically check the hardware for loose screws or worn parts.

SAFETY

Repair or replace the parts as needed.

- Periodically check the adductor pad for any foam breakdown and/or metal coming through the foam.

WARNING

Any foam breakdown or metal showing through could be potentially dangerous for the user.

- It may be required to tighten the set screw if the swing away mechanism is loose.
- If the hardware unintentionally swings away or does not lock into place when put in the operating position, the set screw will need to be loosened.



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