



**USER MANUAL**

**Stealth Products**<sup>®</sup>

Upper Extremities



## TWB Shoulder Retractors

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Stealth's User Manual and Maintenance Guide for  
The World's Best Shoulder Retractors

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 shoulder retractors.

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 show 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:

<https://stlpro.site/stealth-docs>

and search:

*TWBSHR 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: 2 years

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.

 <b>DANGER</b>	Identifies an <b>imminent</b> situation which (if not avoided) will result in <b>severe injury, death, and property damage</b> .
 <b>WARNING</b>	Identifies a <b>potential</b> situation which (if not avoided) will result in <b>severe injury, death, and property damage</b> .
 <b>CAUTION</b>	Identifies a <b>potential</b> situation which (if not avoided) will result in <b>minor to moderate injury, and property damage</b> .
<b>NOTICE</b>	Identifies important information not related to injury, but possible <b>property damage</b> .
<b>SAFETY</b>	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 shoulder retractors should always be adjusted with the user in the chair in order to promote the best position and maximum comfort for the client.

## Parts and Accessories

## 7.1

- 1/4-20 Button Head Screws for Links
- 1/4-20 Socket Head Screws for Mounting Hardware

## Mounting to the Chair

## 7.2

In order to mount the shoulder retractors to the chair:

1. Locate the T-Nuts or designated holes on the seat back. Line up the holes on the tracks to the designated holes on the seat back.
2. Insert the track nut onto the track.
3. Insert the two 1/4-20 Socket Head Screws into the holes and tighten using a 3/16 hex key.
4. Line up the slots on the mounting bracket with the holes of the track nut.
5. Insert the two 1/4-20 Button Head Screws.
6. Tighten with a 5/32 hex key.

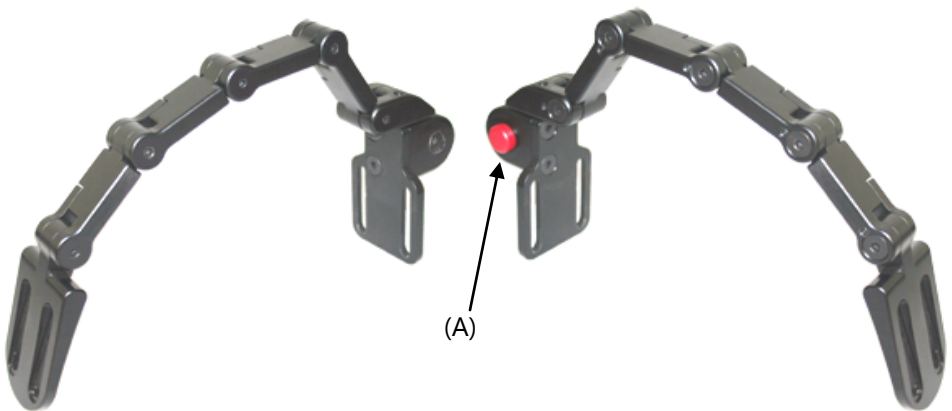
## Mounting the Pad

## 7.3

To mount the pad onto the shoulder retractor:

1. Line up the slot on the pad mount with the designated holes on the pad.
2. Place a star washer onto each Button Head Screw.
3. Insert the two 10-32 Button Head Screws and tighten using a 5/32 hex key.

To use the flip down function, press the red release button (A). The hardware will flip down. The hardware will automatically lock into place when returning to the upright position.





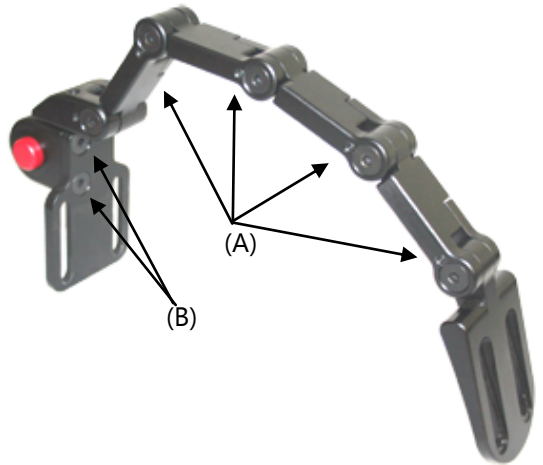
## Adjusting the Hardware

7.3

### Angle Adjustment

For angle adjustment of the shoulder retractors:

1. Lightly loosen the Flat Head Screws (A).
2. Set the desired angle.
3. Retighten the screws using a 5/32 hex key.



### Height Adjustment

To adjust the height of the shoulder retractors:

1. Loosen the Button Head Screws (B).
2. Set the desired height.
3. Retighten the screws using a 5/32 hex key.

### Set Screw Adjustment

To adjust the set screws on the shoulder retractors:

1. Adjust the set screw (C) using a 1/8 hex key.

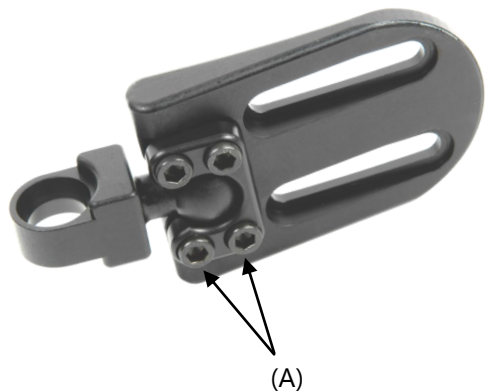
## Full Surface Contact Mount Option

7.4

The Full Surface Contact Mount is another alternative pad mount TWBSHR.

To adjust the pad mount:

1. Loosen the 10-32 x 1/2" Socket Head Screws (A) with a 3/16 T-Handle.
2. Adjust the pad mount to the desired angle and retighten screws.



## Dealer Assistance

### 8.1

During first time use by the client, it is advised that the dealer or service technician assists and explains the configurations to the customer (the user and/or the attendant). If needed, the dealer can make final adjustments.

## User Testing

### 8.2

It is important that the customer is fully aware of the installation, how to use it, and what can be adjusted in order to gain as much mobility as possible. As a dealer, proceed as follows:

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

Have the user test the shoulder retractors:

- Is the hardware in the proper position for the client?
- Can the user safely operate the wheelchair with minimal effort?
- Is the placement of the shoulder retractors in an optimal position for the user?

If needed, adjust the shoulder retractors to the proper position.

Explain to the customer possible problems and how to address them.

## Conditions of Use

### 8.3

The World's Best Shoulder Retractors (TWBSHR) are 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 first time use.
- If the usage conditions change significantly, please contact your dealer or a qualified service technician to avoid excessive wear and tear or unintended damage.

## Cleaning

### 9.1

- Positioning accessories can be wiped clean with a damp cloth and mild, nonabrasive cleaner.
- To wash cover, remove the cover from the support pad, machine wash in cold water on a delicate cycle and let drip dry.

#### **CAUTION**

Do not immerse in water or rinse with a water hose.

## Maintenance

### 9.2

- Check the hardware for loose or worn parts.
- Check and retighten all fasteners according to the installation instructions.
- Periodically check the shoulder retractor pad for any foam breakdown and/or metal coming through the foam. This could be potentially dangerous for the client.

#### **DANGER**

Failure to comply with these warnings could result in serious bodily harm.



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