



**Stealth Products**

## **Installation Manual**



### Lateral Support Bracket & Pad Installation For AL Series & CF Series Adjustable Backs

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 these 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.

If this document contains information you do not understand, or there are concerns about safety or operation, contact your supplier.

## 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.

## Ordering Documentation

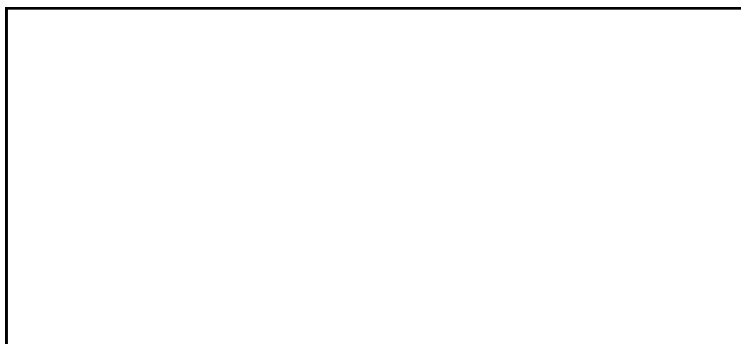
You can download additional copies of this manual on the Stealth website:

<https://stlpro.site/stealth-docs> and search "*Lateral Support Bracket*"

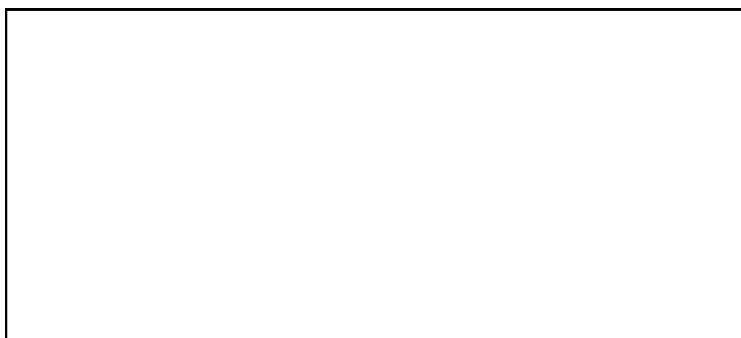
Installation Date: \_\_\_\_\_

Dealer: \_\_\_\_\_

Dealer Stamp:

A large, empty rectangular box with a black border, intended for a dealer stamp.

Serial Number:

A large, empty rectangular box with a black border, intended for a serial number.

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

## Limitations

### 4.1

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

- Misuse, abuse, or misapplication of products.
- Modification of 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.

### ***NOTICE***

Any substitutions of supplied hardware void the warranty. Misuse of items and "acts of nature" (ex. Flood, tornado, etc.) are not covered by the warranty.

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

## Tools Required for Installation & Adjustment

## 7.1

- 3mm Allen Wrench, 1 each
- 4mm Allen Wrench, 1 each
- 10mm Wrench, 1 each

### **Note:**

1. Left and right side designations are from the end user's point of view when sitting in the chair.
2. Lateral pads should be installed before the back is installed on the wheelchair.
3. After lateral pads are installed on the back shell, back support should be installed on the wheelchair and adjusted per back operations manual before lateral pad height, width, and angle adjustments are made.
4. Current back users are advised to make notes of existing height, depth, and angle orientation prior to removal and installation of lateral supports.



## Installation of Lateral Bracket

### 8.1

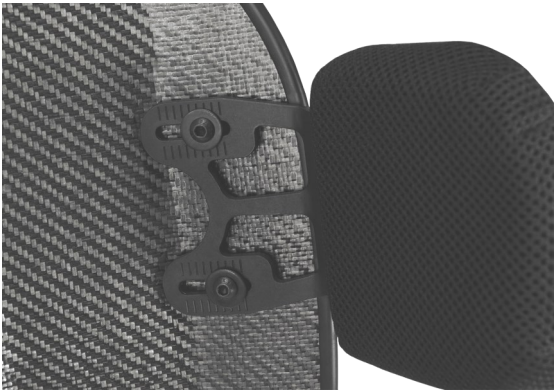
Right Side Shown



1. Remove 2 each of the M6 x 16mm screws that secure the adjustable bracket to the back support shell using a 4mm allen wrench and a 10mm wrench.

**NOTICE**

On CF Backs, keep spacers (not included with the lateral hardware) in their original position.



2. Line up slots on lateral pad mounting bracket and back mounting bracket (lateral bracket on inside of the shell, and mounting bracket on the outside). Insert 2 each of the M6 x 20mm screws with a washer, and hand tighten each.
3. Repeat steps 1 & 2 for opposite side bracket.

**NOTICE**

Reuse flat washer when reattaching the lateral bracket.

## Installation of Lateral Pad

8.2

Right Side Shown



1. With the lateral pad fabric seam facing outward, insert 2 each of the M5 x 10mm screws into the lateral pad mounting bracket and tighten each with a 3mm allen wrench.

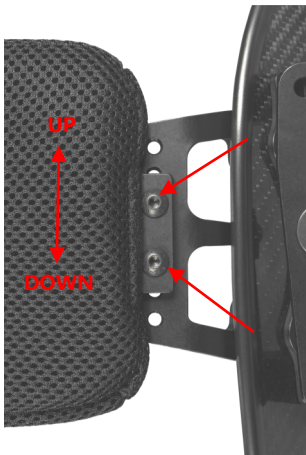
**NOTICE** All lateral pads can be used on the left or right side.

**NOTICE**  
Lateral pads should be attached to the outside of the mounting bracket (as shown).

## Height Adjustment of Pad

8.3

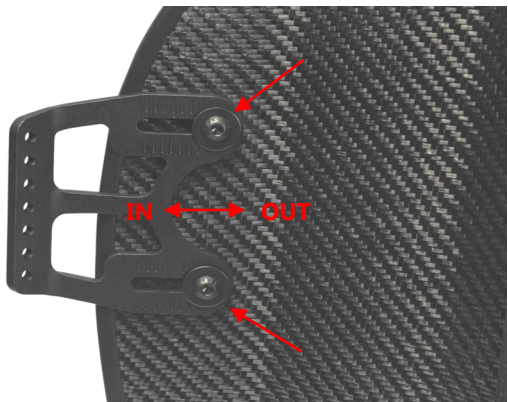
1. Remove 2 each of the M5 x 10mm screw, and move the lateral pad up or down to achieve the desired pad height/location. Reinstall and tighten each M5 x 10mm screw.
- Use 3mm allen wrench.
  - Total overall height adjustment is 1 1/2inches.



## Width Adjustment of Pad

### 8.4

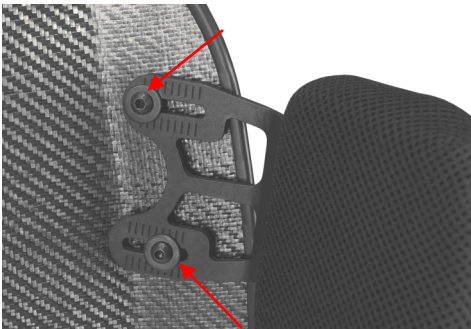
1. To adjust the overall pad width, loosen 2 each of the M6 x 20mm screw and slide the bracket in or out to achieve the desired pad width.
- Use 4mm allen wrench.
  - Total overall pad width adjustment of 1 inch.



## Angle Adjustment of Pad

### 8.5

1. To angle the lateral pad to better fit the users torso, loosen 2 each of the M6 x 20mm screw and slide the lateral pad mounting bracket top in and bottom out (opposite direction) to achieve the desired pad angle.
- Use 4mm allen wrench.
  - Lateral pads have approximately 40° of overall adjustment.



Lateral Support Offering

9.1



Stationary Pad



Swing-Out Pad



Lateral Bracket

**NOTICE**

Lateral Supports are not compatible with Fixed ELITE mounting hardware.

- All pad sizes are available in stationary or swing-out.



Small 3in. H x 3in. D



Medium 3in. H x 4in. D



Large 4.5in. H x 4.5in. D



X-Large 4in. H x 6in. D

## Dealer Assistance

## 10.1

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



### CAUTION

Do not attach the back with the user in the chair.

## User Testing

## 10.2

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 the hardware.
- If needed, adjust the hardware to the proper position.
- Explain to the customer possible problems and how to address them.



### CAUTION

Do not use backs during vehicle transportation.

## Conditions of Use

## 10.3


The ADI 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 usage conditions change significantly, please contact your dealer or a qualified service technician to avoid excessive wear and tear or unintended damage.

## Cleaning


### 11.1

- Use a soft cloth to clean the back shell.
- Hand wash the foam pad cover with mild, soapy water or detergent and let dry.
- Foam pad should NOT get wet.

 **WARNING** Do not hand wash in water temperatures above 160°F (70°C).

#### **CAUTION**


Institution **MUST** clean and disinfect product between multiple patient uses.

 **WARNING** Do not wash or machine dry.

## Disinfection


### 11.2

- Wipe gently with a cloth dampened with a household disinfectant.
- Allow foam to air dry thoroughly.

 **WARNING** Do not immerse the foam in water.

#### **SAFETY**

Always check all mounting hardware, making sure each fastener is properly tightened before using the back support.

 **WARNING** 250lbs. (113.40 kg) user weight limit.

#### **NOTICE**

Altering an ADI back in any way and/or improper installation will void the warranty.

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a guide for writing. There are no margins, text, or other markings on the paper.



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