

Stealth Products[®]



**Back
Support**



ADI Basic Release Hardware

Owner's Manual - Maintenance Guide
ADI Basic Release Hardware for Aluminum Backs

Customer Satisfaction

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.

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 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 the 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 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.



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: 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.

You can download additional copies of this manual by accessing the Stealth website (<https://stlpro.site/stealth-docs>) and searching "ADI Basic Release" 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.

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Tools Required for Installation and Adjustment

- 4mm allen wrench
- 10mm wrench
- Torque wrench

Parts Required

- Top Latch, 2 each (A)
- Bottom Catch, 2 each (B)
- Back Support Shell, Cushion and Cover, 1 each (C)
- Adjustment Bracket, 2 each (D)
- Cane Hook, 2 each (E)

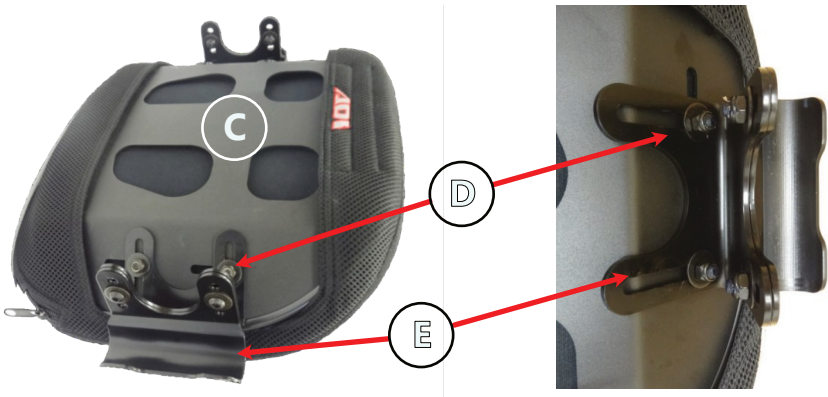


Torque Specifications

Item	Description
Stud Plate	45.1 in-lbs
Catch (A,B)	22.5 in-lbs
Adjustment Bracket	30 in-lbs

NOTICE

Use only the hardware supplied with the ADI back on the ADI back. Do not substitute any other screws, brackets or clamps. Use of alternate hardware or mounting brackets will void all warranty.



Step 1

Fasten top slide latches and bottom catches to wheelchair back posts:

1. Remove existing wheelchair back according to the original manufacturer's instructions.
2. Visually determine the desired height of your new ADI back support. Mark on each back post the needed location to attach the left and right bottom catch.
3. Attach the bottom catch and top latch to the back post (left & right sides) and slightly tighten each with a 4mm allen wrench. Make sure the bottom catch and top latch face toward the front of the chair.

NOTICE

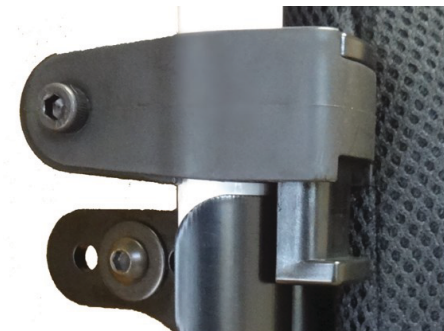
Use only the hardware supplied with the ADI back on the ADI back. Do not substitute any other screws, brackets or clamps. Use of alternate hardware or mounting brackets will void all warranty.

4. Slide the cane hook into the bottom catch and slide down the top latch to the desired height.
5. Before use, tighten the screws for the top latches and bottom catches with a 4mm allen wrench at the needed height location.

NOTICE

Tighten the back screw of the top latches and bottom catches before tightening the side screws. The mounting hardware should be installed at equal heights on the left and right side of the chair.

Top Latch



Bottom Catch



Step 2

Removing and attaching back support to back posts:

To Remove Hardware:

1. Press left and right top latch release button to unlocked position.
2. Tilt back support forward at a slight angle and lift out of the way from the wheelchair.

To Install Hardware:

1. Tilt back support at a slight angle and lower cane hook into bottom catches.
2. Press left and right top latches to the DOWN, locked position.

Up/Unlocked Position



Down/Locked Position



Step 3

Adjustment of height, angle, and depth to user's preference.

Height Adjustment

1. With a 4mm allen wrench, loosen the top slide latch and the bottom catch.
2. Position the back along the back canes at the desired height.
3. Move the top slide latch and the bottom catch to meet the bracket attached to the back.
4. Tighten the top slide latch and the bottom catch.

NOTICE

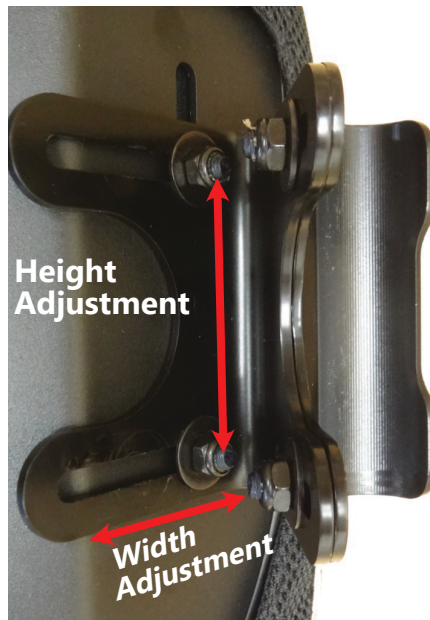
Additional height adjustment may be done using a 10mm wrench to loosen the hex nuts and slide the back up or down to achieve the desired height.

Width Adjustment

1. On each side of the hardware, loosen the top and bottom screws using a 10mm wrench and a 4mm allen wrench.
2. Adjust hardware inward or outward to achieve required chair width.
3. After final adjustments are complete, tighten all screws to the proper torque specification.

NOTICE

+/- 1 inch width adjustment



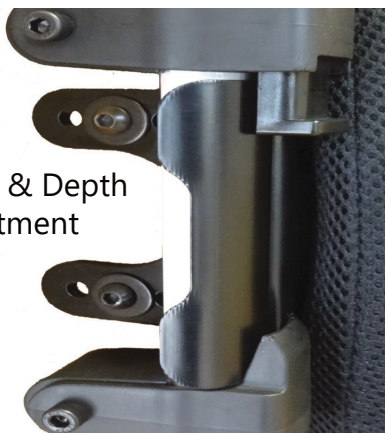
Angle Adjustment

1. On each side of the hardware, loosen the top and bottom bolts using a 4mm allen wrench and a 10mm wrench.
2. Adjust the back support to achieve desired user angle..
3. After final adjustments are complete, tighten all screws to the proper torque specification.

Depth Adjustment

1. On each side of the hardware, loosen the top and bottom bolts using a 4mm allen wrench and a 10mm wrench.
2. Adjust the back support to achieve desired user angle..
3. After final adjustments are complete, tighten all screws to the proper torque specification

Angle & Depth Adjustment



WARNING

Protect all backs from blunt forces that may cause damage and/or breakage

CAUTION

If you are able to fold the back canes, the back should be in the folded position during transportation of the wheelchair, especially before loading for air travel.

Dealer Assistance

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 may make final adjustments.



CAUTION

ADI backs may not fit every chair. Please consult your clinician or supplier providing your equipment. Do not attach the ADI back with the user in the chair.

User Testing

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 ADI backs during vehicle transportation.

Conditions of Use

The ADI hardware is intended for use as installed by the dealer, 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 excessive wear and tear or unintended damage.

Cleaning

- 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 immerse foam in water.
DO NOT wash or machine dry.
DO NOT hand wash in water temperatures above 160°F (70°C).



CAUTION

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

Disinfection

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

SAFETY

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



WARNING

User weight limit
250 lb. (113.40 kg)

NOTICE

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

[illegible]

Notes

[illegible]

[illegible]



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