Fixed ELITE Mounting Hardware

For Carbon Fiber 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:

104 John Kelly Drive, Burnet, TX 78611

Phone: (512) 715-9995   Toll Free: 1 (800) 965-9229

Fax: (512) 715-9954   Toll Free: 1(800) 806-1225

info@stealthproducts.com   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 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 User & Installation Manual on the Stealth website: www.stealthproducts.com

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REF

Document #224 Revision 1

Monday, November 23, 2015

Installation Date: _____

Dealer: _____

Dealer Stamp:

Serial Number:

For UK warranty claims, please contact:

| EC | REP | MDSS GmbH
Schiffgraben 41
30175 Hannover, Germany | $C\epsilon$ |

The ADI Backs are designed and produced to the highest of standards. Our ADI Back is guaranteed to be free of defects in material and workmanship for a period of 24 months. If any defect in material or workmanship is found, Stealth Products will repair or replace, at our discretion, the ADI Back. This warranty does not apply to backs abused or misused by the user and deemed such by Stealth Products, LLC.

Claims and repairs should be processed through the nearest Stealth Products Provider.

4.1 Warranty Exclusions

This warranty does not extend to those items which may require replacement due to normal wear and tear:

- Outer covers
- Inner covers
- Circumstances beyond the control of Stealth
- Labor, service calls, shipping, and other charges incurred for repair of the product, unless specifically authorized, IN ADVANCE, by Stealth Products, LLC.
- Repairs and/or modifications made to any part without specific consent from Stealth.

Exclusions also include components with damage caused by:

- Exposure to moisture

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.

6.1 Warning Labels

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

6.2 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.

6.3 Testing

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.

7.1 Tools Required for Installation & Adjustment

- 5mm allen wrench for tightening and adjusting bolts (Part B)
- Reducer– use when attaching CF Backs to 3/4" (1.91cm) tubing

7.2 Parts Required

- Cap Piece– holds CF Back to back posts with bolts. (A)
- Bolts– bolts fasten bracket clamps on wheelchair back posts. (B)

NOTICE	Standard and Medium backs use 1 bolt per clamp. Low backs use 2 bolts per clamp.

- Fixed Mounting Bracket– connects to the carbon fiber shell and fastens to bracket clamps with bolts. (C)
- Contoured Foam Pad– held in place by breathable cover. (D)
- Breathable Cloth Cover– covers contoured foam pad and attaches to the carbon fiber shell with Velcro. (E)
- Carbon Fiber Shell– attaches with bracket clamps to back posts of the wheelchair. (F)

NOTICE
Only use the hardware supplied with the CF back on the back; do not substitute any other screws, brackets, or clamps. Use of alternative hardware or mounting voids all warranties.

8.1 Attaching Fixed CF Back to Chair

1.   Remove existing wheelchair back support.
2.   Place the CF Back onto wheelchair back posts. Attach cap piece (Part A) by inserting the bolts (Part B).
3.   Adjust CF Back vertically for desired back support height.

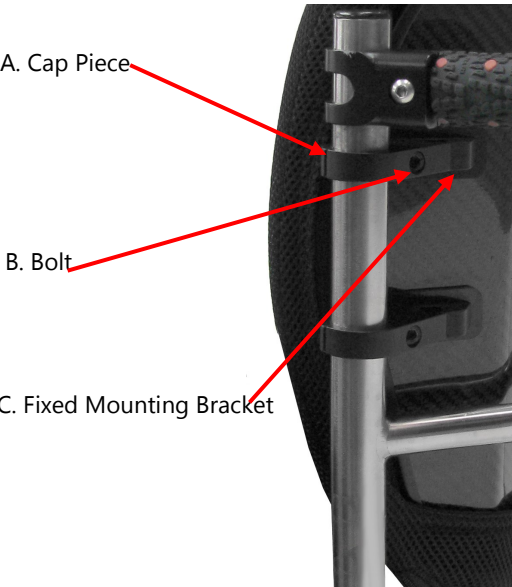| ⚠ **CAUTION**	Do not fully tighten bolts.

4.   Secure the CF Back by tightening each bolt with the 5mm allen wrench. Fully seat the bolt without stripping..
5.   Check the CF Back to make sure it is secured properly. Have the user sit and check the back for comfort. If adjustments need to be made, have user transfer out of the chair and loosen the bolts (Part B). Then adjust the CF Back vertically if necessary. Re-tighten bolts when adjustment is complete.

NOTICE	Recommended bolt torque 6.5 ft-lbs. (8.8 Newton meters)

NOTICE

Desired seat back angle is achieved by adjusting seat back post with wheelchair manufacturer back post settings.

A. Cap Piece

B. Bolt

C. Fixed Mounting Bracket

⚠ CAUTION

When positioning the CF Back, the interior portion of the CF Back should be positioned to make contact at the PSIS to provide optimal pelvic support and trunk control.

9.1 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 can make final adjustments.

⚠ **CAUTION**	Do not attach the CF back with the user in the chair.

9.2 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 CF backs during vehicle transportation.

9.3 Conditions of Use

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.
- The CF back may not fit every chair. Please consult your clinician or supplier providing your equipment.

⚠ CAUTION
If you are able to fold the back canes, the CF back should be in the folded position when transporting the wheelchair, especially before loading for air travel.

⚠ CAUTION
Protect the CF back from blunt force shocks that may cause damage and/or breakage.

10.1 Cleaning

- Use a soft cloth to clean the back shell.
- Hand wash the foam pad cover with mild, soapy water or detergent and let it 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. |

10.2 Disinfection

- 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 CF back.

| ⚠ WARNING | 250lbs. (113.40kg) user weight limit. |

NOTICE

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