



**Stealth Products**  
BEYOND EXPECTATIONS™

## Quick Reference



# Carbon Fiber Seating

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## Seat Base Installation

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 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](http://www.stealthproducts.com)



### **P116D250R1**

Document #250 Revision 1  
Monday, November 23, 2015

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

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

Dealer Stamp:

Serial Number:

For UK warranty claims, please contact:



MDSS GmbH  
Schiffgraben 41  
30175 Hannover, Germany



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.

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## 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.

<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.

## 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

- 1/2in. open end wrenches, 2 each
- 1/8in. allen key, 1 each
- Drill with 3/16in. Bit, 1 each

### **NOTICE**

For reference purposes, support mounts come fully assembled. Seat bases are not pre-drilled to avoid interference with other parts on the frame.

## 7.2 Installation



1. Prior to removing OEM seat sling, mark left and right chair frame at the front edge of the OEM seat sling.



2. Place the front support mount on the frame approximately 2.5in. inside the front edge of the original seat base location that was marked.
3. Place the rear support mount on the frame in the approximate weight bearing location of the user.





4. Rotate center hex bar so that the support mounts are “snug” within the frame tubes. Do not over tighten. This will cause flex to the frame.
5. Place a board or straight edge across the support mounts and take out any buckling.
6. Tighten jam nuts with the 1/2in. wrench.



7. Place carbon fiber seat base panel on the chair frame and center the edges.
8. In order to mount the seat base, you must first mark each hole location through the 10/32in. Tapped holes in the support mount. Use 90° bent scribe or pick to mark holes.



9. Drill four 3/16in. holes where the seat base is marked.



10. Tighten the four 10/32in. button screws with washers into the mounts.

### **⚠ WARNING**

Only use the hardware supplied with the CF Base. Do not substitute any other screws, brackets, or clamps.

## 8.1 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

Protect the CF Back from blunt force shock that may cause damage and/or breakage.

### *NOTICE*

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

## 8.2 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 ADI backs during vehicle transportation.

## 8.3 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.

## 9.1 Cleaning

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

## 9.2 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.

### **⚠ CAUTION**

Always check all hardware to make sure they are securely fastened before using the CF seat bases.

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

### **NOTICE**

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



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Revision Date 2015-12-23