



A Stealth Product



Seating and Positioning

**USER MANUAL**



## Q-Back

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Installation & Operations Manual for all AL & AFT  
Series Q-Back's

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 dis-cussed 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: *ADI Q-Back* in the search bar at the top of the page.

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 options and possibilities with the product.

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 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 illustration show in these instructions are representative examples and are not intended to be exact depictions of the various parts of the product.

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 products 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 ADI Q-Back 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

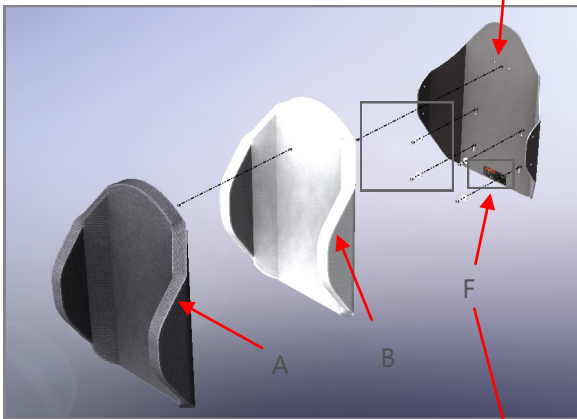
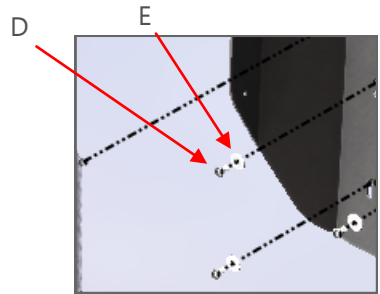
7.1

- 4mm allen wrench

## Parts List

7.2

- Fabric Cover (A)
- Foam Cushion (B)
- Back Support Shell (C) (Aluminum)
- Button Head Screw (D) (4 each)
- Fender Washer (E) (4 each)
- Label (F)
- Full Assembly (G)



### NOTICE

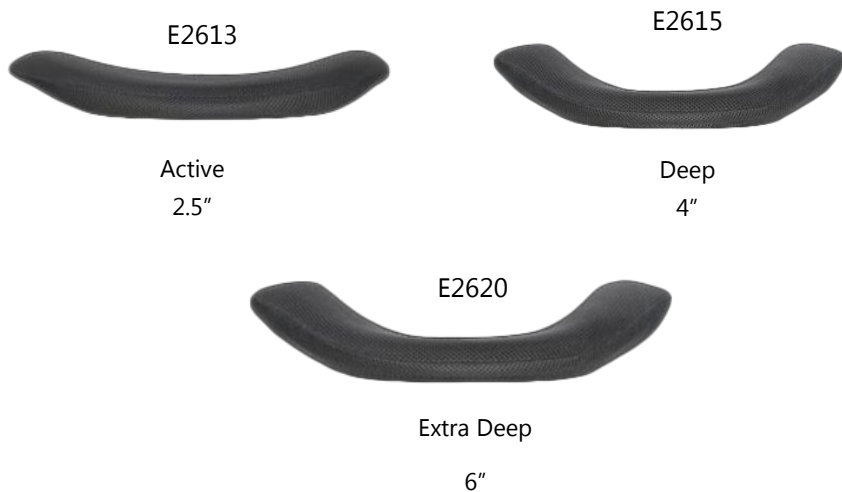
Only use the hardware supplied with the ADI back on the ADI back. Do not substitute any other screws, brackets, or clamps. Use of alternative hardware or mounting brackets voids all warranty.

## Intended Use

**8.1**

The purpose of the ADI Q-Back is to provide an aggressively contoured higher end seating system for the Quantum TB3 Power Positioning System. This positioning wheelchair back cushion will allow for proper back support, height, width, depth, profile options, and maximum stabilization for the customer.

## Contours

**8.2**

## Profiles

**8.3**

- AL Series features a Scapular Cut-Out
- AFT Series features a Flat Top

## Available Sizes

**8.4**

### Widths

- 16" • 18" • 20"

### Heights

- Standard 16" • Tall 18" • Extra Tall 20" • Extra Extra Tall 22"

## AL Series Q-Back

### 9.1

- ALBR16SAQ
- ALBR16SDQ
- ALBR16S6Q
- ALBR16TAQ
- ALBR16TDQ
- ALBR16T6Q
- ALBR16XAQ
- ALBR16XDQ
- ALBR16X6Q
- ALBR16XXAQ
- ALBR16XXDQ
- ALBR16XX6Q
- ALBR18SAQ
- ALBR18SDQ
- ALBR18S6Q
- ALBR18TAQ
- ALBR18TDQ
- ALBR18T6Q
- ALBR18XAQ
- ALBR18XDQ
- ALBR18X6Q
- ALBR18XXAQ
- ALBR18XXDQ
- ALBR18XX6Q
- ALBR20SAQ
- ALBR20SDQ
- ALBR20S6Q
- ALBR20TAQ
- ALBR20TDQ
- ALBR20S6Q
- ALBR20XAQ
- ALBR20XDQ
- ALBR20X6Q
- ALBR20XXAQ
- ALBR20XXDQ
- ALBR20XX6Q

## AFT Series Q-Back

### 9.2

- AFTBR16SAQ
- AFTBR16SDQ
- AFTBR16S6Q
- AFTBR16TAQ
- AFTBR16TDQ
- AFTBR16T6Q
- AFTBR16XAQ
- AFTBR16XDQ
- AFTBR16X6Q
- AFTBR16XXAQ
- AFTBR16XXDQ
- AFTBR16XX6Q
- AFTBR18SAQ
- AFTBR18SDQ
- AFTBR18S6Q
- AFTBR18TAQ
- AFTBR18TDQ
- AFTBR18T6Q
- AFTBR18XAQ
- AFTBR18XDQ
- AFTBR18X6Q
- AFTBR18XXAQ
- AFTBR18XXDQ
- AFTBR18XX6Q
- AFTBR20SAQ
- AFTBR20SDQ
- AFTBR20S6Q
- AFTBR20TAQ
- AFTBR20TDQ
- AFTBR20S6Q
- AFTBR20XAQ
- AFTBR20XDQ
- AFTBR20X6Q
- AFTBR20XXAQ
- AFTBR20XXDQ
- AFTBR20XX6Q

## Installation Instructions

## 10.1

1. Remove OEM back support.
2. Obtain desired mounting height of Q-Back.
3. Insert and slightly tighten the four provided m6 screws with washers into adapter plate.
4. Properly align back and fully tighten fastener. (Torque Spec: 77in-lbs/8.7N-m)
5. Install Q-Back cushion/cover top first.

### **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 when transporting the wheelchair, especially before loading for air travel.

## Testing

## 10.2

After installation of the Q-Back, execute the following test before the wheelchair is delivered or put into service:

- Test Drive

### Test Drive

- Perform a test drive with the wheelchair.
- Check that the Q-Back is firmly attached to the chair and that no part of it seems loose.

## Dealer Assistance

### 11.1

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

#### CAUTION

ADI backs may not fit ever chair. Please consult your clinician or supplier providing your equipment.


 **CAUTION** Do not attach the ADI backs with the user in the chair.

## User Testing

### 11.2

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 ADI backs during vehicle transportation.

## Conditions of Use

### 11.3

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

### 12.1

- 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.

#### **CAUTION**

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


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

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

## Disinfection


### 12.2

- 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.



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