



Backpack Retriever

PATENT PENDING

PRODUCT MANUAL



TABLE OF CONTENTS

1. PRODUCT DESCRIPTION AND FEATURES:	2
2. INSTALLATION INSTRUCTIONS:	3
3. OPERATION AND MAINTENANCE:	6
4. FREQUENTLY ASKED QUESTIONS:	7
5. TROUBLESHOOTING:	7
6. WARRANTY:	7

1. Product Description and Features:

Aesthetically designed the Backpack Retriever allows you to bring a backpack or other belongings from the rear of the chair to the side of the chair. This enables the user to access all their personal belonging from the back of the power chair with the press of a button. An ergonomic armrest is included, but most wheelchair manufacturer armrests are compatible with the unit. The unique linkage system allows for use in close and confined areas such as bathrooms, classrooms or motor vehicles.



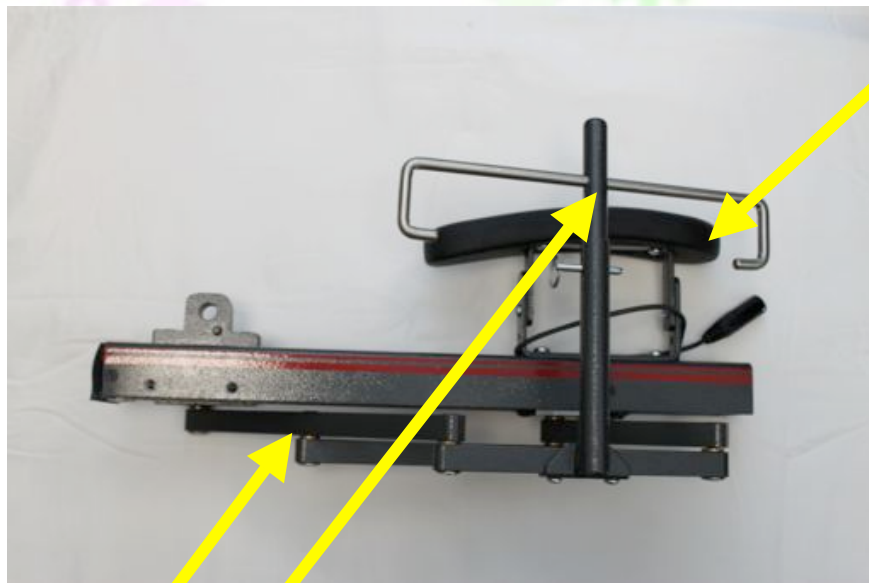
Dimensions : 20"L x 2.5"W x 1"H



Weight Capacity: 25lbs



Total weight of unit: 11lbs



ARMREST PAD

LINKS

HEIGHT ADJUSTABLE HOLDER

2. Installation Instructions:

CAUTION: The Backpack Retriever must be installed by an authorized representative or dealer trained by Rehab Ideas. Appropriate mounting hardware must be used. Failure to do so can result in damage to the wheelchair, user and/or unit.

The right hand and left hand models are mounted in exactly the same manner and configuration.



Before You Start

Please have the following tools available:

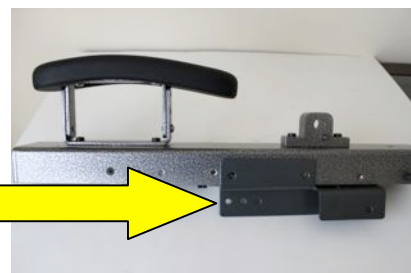
- Allen wrenches
- Phillips head screw driver
- Level
- Drill
- A tap set may be necessary for some installations

The Backpack Retriever is installed one of two ways:

1. **PIVOT MOUNT:** This application attaches the unit to the backrest of the wheelchair enables the unit to be flipped backed



2. **POST MOUNT:** This application attaches the unit to the seat frame/rail. It allows the entire unit to be removed easily when necessary.



You may find that you need to drill an additional hole or may well choose to call Rehab Ideas Technical Support at 813-600-3058 ext. 113



Step 1: MEASUREMENT

- (a) Measure the existing armrest height and forward position of the armrest relative to the backrest of the chair
- (b) Measure the joystick position relative to the armrest
- (c) Determine if the OEM armrest pad from the manufacturer will be used

Step 2: REMOVAL OF OEM HARDWARE

Remove the entire armrest assembly and joystick hardware from the wheelchair

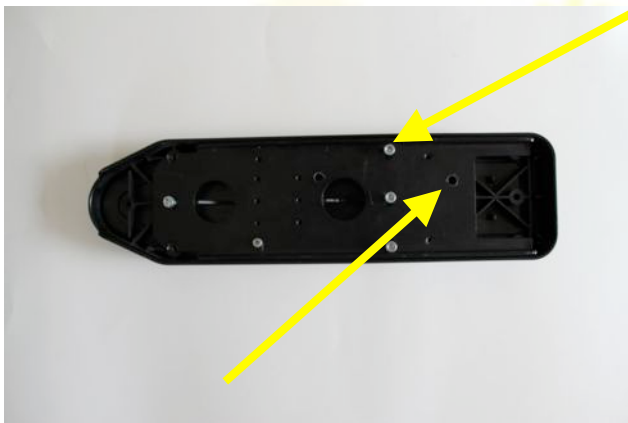
Step 3: REPLACEMENT OF ARMREST PAD (OPTIONAL)

TO REPLACE THE ARMREST PAD:

1. Remove the armrest pad by undoing the two screws that fasten the pad to the hinge on the unit.
2. Position the replacement pad over the unit and mark the location of the holes on the hinge.
3. Drill holes in the base plate of the armrest pad and use bolts to attach the new pad.

CAUTION: Ensure that the tray clears the new pad when deploying without interference. The new pad may need to be aligned accordingly.

EXAMPLE: (Permobil Armrest Pad)



1. Separate mounting plate from pad by remove allen bolts
2. Drill holes in plate to match hinge plate on tray unit
3. Attach hinge plate with nuts and bolts to fasten securely.
4. Attach metal plate to arm pad assembly

Step 3: MOUNTING

For Pivot Mount Applications, the block attached to the top of the unit is utilized. The bracket has a 5/8" diameter receiver that attaches to the circular shaft available on the chair.

For Side Post Mount Applications, there are two options

- (a) The adapter plate shown can be used or
- (b) The vertical post from the existing armrest bracket can be used.

The unit has pre-drilled holes for most common wheelchair applications, however additional holes may be necessary for more precise positioning.

Step 4: MOUNTING OF JOYSTICK

The receiver for the joystick is removed from the existing bracket and mounted to the armrest bracket as shown. Attaching to the base of the pad or to the surface of the unit provides options for height adjustment.

Step 5: HEIGHT ADJUSTMENT OF HOLDER

The post can be raised or lowered by removing the cotter pin and utilizing the various hole positions.

Step 6: ELECTRICAL

Power to the unit is obtained by simply plugging into the joystick charging port of the charging port on the base frame.

3. Operation and Maintenance:

The Backpack Retriever is operated by a switch. To deploy the unit forward the user presses the switch one direction and the operation is reversed by pressing the switch in the opposite direction. Releasing the switch stops the unit from moving.

The unit is relatively maintenance-free, however the following are recommended at least monthly for smooth operation:

- Check bolts and nuts are tight
- Clean unit and tray with a damp cloth or household cleaning solution

4. Frequently Asked Questions:

(A) CAN THE UNIT BE INSTALLED ON THE LEFT OR RIGHT SIDE?

The units can be installed on either side

(B) DOES THE UNIT INCREASE THE OVERALL WIDTH OF THE WHEELCHAIR?

Most applications will not increase the overall width of the chair. However in some applications, due to the mounting system and/or wheelchair design, the width may be increased by as much as an inch.

(C) CAN THE UNIT BE FLIPPED BACK OR REMOVED FOR TRANSFERS?

Yes. However the user must have sufficient strength to do this independently. Care must be taken so that the unit is secure when flipped back to avoid falling down on the user when transferring.

5. Troubleshooting:

It is recommended that a dealer that has been trained and authorized test the system. However the following simple procedures can identify a fault.

- (a) If the unit is not operation, inspect the unit for any signs of physical damage.
- (b) Determine if power is available to the motors from the wheelchair. If power supply is present, the likely cause is a burned out motor.

6. Warranty:


Rehab Ideas warrants solely to the purchasing party that the product sold by it shall be free of defects in materials and workmanship; when given normal, proper, and intended usage, for a period of one (1) year from the date of the invoice. Purchaser shall notify Rehab Ideas of any product that they believe to be defective. At rehab Ideas option, such product(s) shall be returned by Purchaser to Rehab Ideas. Based upon examination and testing, Rehab Ideas shall repair or replace with a comparable product or issue an appropriate credit. In the event of a warranty adjustment, Rehab Ideas shall pay appropriate shipping charges, when applicable, to return product to the Purchaser.

A Warranty Card will be provided with each shipment of Rehab Ideas products and the customer is to submit this card to Rehab Ideas upon receipt. A sample of this Warranty Card is shown below.

Requirements:

1. Installation will be via Rehab Ideas authorized installer
2. Alterations to the product will receive prior approval from Rehab Ideas before installation
3. Defective products will be forwarded to Rehab Ideas for evaluation and final determination of defect
4. Warranty will be voided due to improper installation or damage caused by abuse

Sample warranty Card

 <p>WARRANTY CARD</p>	
<p>CUSTOMER INFORMATION:</p> <p>Customer name:</p> <p>Wheelchair make/model:</p> <p>Serial Number of unit:</p> <p>Contact Phone Number:</p> <p>Email:</p>	<p>DEALER INFORMATION:</p> <p>Name of dealer:</p> <p>Location:</p> <p>Invoice Number:</p> <p>Date of installation:</p> <p>Contact Phone Number:</p> <p>Email:</p>