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ROHO® AGILITY CARBON® Contour Back Support
Operation Manual



s h a p e f i t t i n g t e c h n o l o g y®

Read This Before Use

- 1 **SAFETY INFORMATION:**
Read all safety information. 
- 2 **HARDWARE SELECTION:**
IMPORTANT! Follow the "Hardware Selection" instructions. If the wrong hardware is used, the product will NOT fit correctly on the wheelchair.
- 3 **PRODUCT INSTALLATION AND ADJUSTMENT:**
 - a. Hardware Attachment
 - b. Angle Adjustment (if needed)
 - c. Installation and Height Adjustment
 - d. Air Insert Adjustment

 If the product was provided already installed on the wheelchair, it is not necessary to select new hardware. However, if you are going to remove the product and install it on a different wheelchair, make sure to follow all Hardware Selection and Product Installation and Adjustment instructions before using the product.

Note: Unless otherwise noted, "the product" refers to AGILITY CARBON throughout this operation manual.

Contact Information



ROHO, Inc.
1501 South 74th St., Belleville, IL 62223 U.S.A.
U.S.A.: 800-851-3449 • Fax: 888-551-3449
Customer Support: orders.roho@permobil.com
Outside the U.S.A.: 618-277-9150 • Fax: 618-277-6518
Customer Support: intlorders.roho@permobil.com
permobilus.com

Warning

Indicates that not following the specified procedure could lead to potentially hazardous conditions resulting in serious injury.

Caution

Indicates that not following the specified procedure could lead to potentially hazardous conditions resulting in minor to moderate injury or damage to the equipment or other property.

Incident Reporting

In the event of a serious incident or injury, contact Customer Support.

Please Note

Supplier: This manual must be given to the user of this product. Operator (Individual or Caregiver): Before using this product, read instructions and save for future reference.

Products may be covered by one or more U.S. and foreign patents and trademarks, including ROHO®, AGILITY®, AGILITY CARBON® and shape fitting technology®. Zytel® is a registered trademark of DuPont.

Product information is changed as needed; current product information is available at permobilus.com. Contact Customer Support for previous versions of product information.

ROHO, Inc. is part of Permobil Seating and Positioning.















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Contents

Intended Use	2
Important Safety Information	2-3
Product Specifications	3
Parts Detail	4
Hardware Selection	5-6
Hardware Attachment	7
Angle Adjustment	8
Installation and Height Adjustment	9-10
Lumbar Support Pad	10
Product Removal Hardware Removal	11
Cover Removal and Installation	12
Foam Pad with Air Insert Removal and Installation Foam Insert Installation	13
Air Insert Adjustment Flip the Back Shell	14
Troubleshooting Maintenance Storage, Transport, Disposal and Recycling Limited Warranty	15
Cleaning and Disinfecting	16
Español	17
Français	33
Português	49

Symbols Glossary

	Batch code		Medical Device
	Model number		Serial number
	Cleaning instructions		Fits
	Disinfecting instructions		Quantity
	Manufacturer		Meets flammability
	Date of manufacture		Size (width x depth x length)
	Consult instructions for use		Weight limit

Intended Use

The ROHOAGILITY CARBON Contour Back Support (AGILITY CARBON) is a lightweight back support replacement for a wheelchair and is intended to provide trunk/pelvis support and positioning. AGILITY CARBON has a weight limit of 265 lbs. (120.2 kg). Models include:

ROHO AGILITY CARBON Min Contour Back Support (AGILITY CARBON Min)

ROHO AGILITY CARBON Mid Contour Back Support (AGILITY CARBON Mid)

A clinician who is experienced in seating and positioning should determine whether the product is appropriate for the individual's particular seating needs. The product's intended use statement alone should not be relied upon to make that determination.

The medical products featured in this document are intended to be only one part of an overall care regimen that includes all seating and mobility equipment and therapeutic interventions. A clinician who is experienced in seating and positioning should identify this care regimen after evaluating the individual's physical needs and overall medical condition.

A clinician should also evaluate for visual, reading, and cognitive impairment to determine the need for caregiver assistance or the need for other assistive technology, such as large-print instructions, to ensure proper product use.

Important Safety Information

Warnings:

- DO NOT use the product without first reading and understanding this manual. If you are unable to perform any of the tasks in this manual, seek assistance by contacting the clinician, equipment provider, distributor, or Customer Support.
- Follow all instructions and safety information provided with the product and provided by the manufacturer of the wheelchair or other accessories.
- Skin/soft tissue breakdown can occur due to a number of factors, which vary by individual. Check skin frequently, at least once a day, especially those areas covering bony prominences. Redness, bruising, or darker areas (when compared to normal skin) may indicate superficial or deep tissue injury and may need to be addressed. If there is any discoloration to skin/soft tissue, STOP USE immediately. If the discoloration does not disappear within 30 minutes after disuse, immediately consult a healthcare professional.
- The product should be installed and adjusted by a qualified and competent medical equipment provider or licensed healthcare professional.
- The product must be sized correctly to the individual and the wheelchair.
- As with any addition to a wheelchair, the product may affect the wheelchair's stability. Before using the product, consult with a clinician to determine whether the wheelchair requires additional modifications.
- DO NOT lean over the top of the product. Doing so may cause a change in the center of gravity, and the wheelchair could tip over.
- Check daily to confirm tightness of the screws. Retighten loose screws, following instructions in this manual. Check daily for wear or breakage. DO NOT use the product if any part cannot be tightened or is broken. Periodically, the product should be thoroughly inspected by a qualified technician.
- Keep small hardware components out of the reach of children and any individuals who have a tendency to place inedible objects in their mouths. Swallowing or inhalation may lead to serious injury or death. IMMEDIATELY seek emergency medical assistance.
- DO NOT lift or push a wheelchair using any part of the product because it may become detached from the wheelchair.
- Wheelchair Compatibility: Wheelchairs with rigidizer bars may not be compatible with the product, as the rigidizer bar may interfere with angle and/or height adjustment. Consult with an equipment provider to determine if the product is compatible with the wheelchair.
- Do not expose the product or components to high heat, open flames or hot ashes. Testing or certification claims, including for flammability, may no longer apply to this device when it is combined with other products or materials. Check testing and certification claims for all products used in combination with this device.
- Metal components may become hot if exposed to high temperatures or cold if exposed to low temperatures. The cover assembly surface will acclimate to the surrounding temperature. Take appropriate precautions, especially when the product will contact unprotected skin.

Warnings - Motor Vehicle Transportation

- The product is NOT designed to be used for seating in a motor vehicle, and DOES NOT meet federal standards for motor vehicle seating. The risk of an accidental disconnection that could result in a fall and potential serious injury has not been assessed.
- ALWAYS transfer to an approved vehicle seat before the vehicle begins moving.
- ALWAYS store the product safely during transport to avoid damage. If the product has been involved in an accident during transport, see the "Maintenance" section in this manual.

Important Safety Information, continued



Cautions:

- AGILITY CARBON is intended to be used with an AGILITY CARBON cover, foam pad, and either the air insert or the foam insert. The air insert and the foam insert are not intended to be used together.
- Protect the product from blunt force shocks that may cause damage and/or breakage.
- Use of any hardware or components other than those approved for use with the product may result in product damage or failure and may void the warranty.
- The components of the product are not intended to be used separately from the product or in conjunction with other wheelchair back supports.
- Unless otherwise stated in this manual, the product is not intended to be used with, and has not been tested for use with, other manufacturers' accessories.
- Altering the product may affect its performance and void the warranty.
- Prolonged exposure to ozone may degrade materials used in the cover, affect the performance of the cover, and void the product warranty.

Product Specifications

Length (L) in. (cm):

10 (25.5); 13 (33.0); 16 (40.5)

Length (L) measurements are taken from the center edge to the center edge between the narrow and wide ends of the back shell. Note: The cover assembly is not included in the length measurement.

Width (W) in. (cm):

14 (35.5); 15 (38.0); 16 (40.5);
17 (43); 18 (45.5)

Width (W) measurements are taken from the outside of the back cane to the outside of the back cane.

Depth (D) in. (cm):

Min Contour: 3 (7.5);
Mid Contour: 4 (10)

Depth measurements are taken from the center, front surface to the highest point of the contoured edge.

Weight Range:

2 to 3 lbs. (0.9 to 1.4 kg)

The weight range is based on the smallest and largest sizes [in. (cm)]:

smallest: 14 x 10 x 3 (35.5 x 25.5 x 7.5)
largest: 18 x 16 x 4 (45.5 x 45.5 x 10)

Adjustable Back Air Insert:

Width (BW): 3 cells, 6½ in. (16.5 cm)

Length (BL):

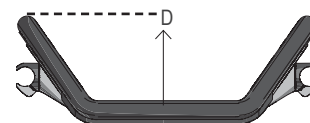
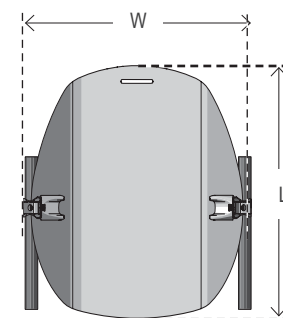
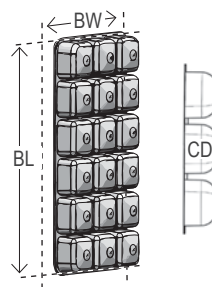
3 Cells: 6½ in. (16.5 cm)

5 Cells: 10½ in. (27.0 cm)

6 Cells: 12½ in. (32.0 cm)

Perimeter included in the width and length measurements is ¼ in. (1.0 cm)

Cell Depth (CD) when fully inflated: 1¼ in. (3.0 cm)



Attachment hardware (hardware type):

Cane clamp screw (socket head cap screw): M5 x .08 x 12mm

Angle adjustment screw (flathead socket cap screw): M6 x 1.0 x 20mm / 25mm / 30mm

1 in. = 2.54 cm = 25.4 mm

Materials:

Back shell: carbon fiber

Hardware: aluminum, steel, Zytel

Cover: spacer fabric front and fluid-resistant back and flaps with hook and loop fasteners to secure the cover to the back shell

Foam pad: polyurethane front; polyethylene back; foam insert: polyurethane; air insert: polyether polyurethane front / urethane-coated nylon back

Lumbar Support Pad (optional accessory): polyurethane

Product expected lifetime: 5 years

Parts Detail

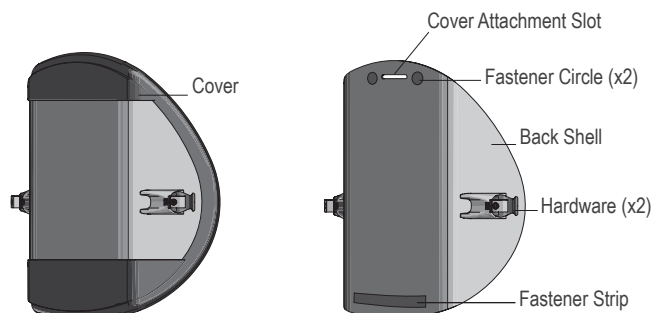
Package Contents:

Back Shell
Hardware
T-handle wrench
Cover with foam and air inserts
Hand pump
Repair kit
Operation manual with limited warranty supplement
Product registration card

Note: A torque wrench and a tape measure or ruler are recommended but are not included in the package contents.

To order replacement parts, contact the equipment provider or Customer Support.

Back Shell with Cover and Hardware



Note: The product may be provided either assembled (hardware attached) or unassembled (hardware unattached).

Warning: Keep small hardware components out of the reach of children and any individuals who have a tendency to place inedible objects in their mouths. Swallowing or inhalation may lead to serious injury or death. IMMEDIATELY seek emergency medical assistance.



Hardware Component Options

See "Hardware Selection".

Hardware (x2)

Outer Cane Clamp Options	Angle Adjustment Screw Options	Disc Options		
1 in. (2.5 cm) (x2) <i>for 1 in. (2.5 cm) wheelchair canes</i>	20 mm (x2) 25 mm (x2)	Disc "A" (x4) 	 	
¾ in. (2 cm) (x2) <i>for ¾ in. (2 cm) wheelchair canes</i>	30 mm (x2)	Disc "B" (x4) 		



T-Handle Wrench (4mm)
Use the T-Handle Wrench to attach, tighten or remove screws.

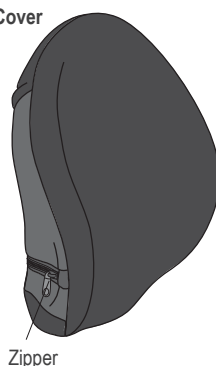


Hand Pump



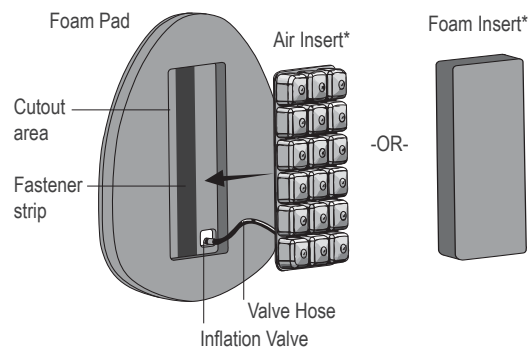
Repair Kit

Cover



Zipper

Foam Pad with Air Insert or Foam Insert



**Size of Air Insert and Foam Insert will vary depending on back shell length.*

Hardware Selection Part One: Discs / Screws



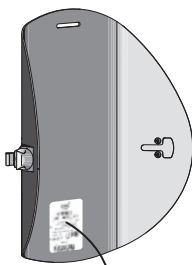
Warnings:

- If the wrong hardware is used, the product will NOT fit correctly on the wheelchair. Follow these instructions to select the correct hardware. Consult with a clinician or the equipment provider for assistance.
- If the product was provided already installed on the wheelchair, it is not necessary to select new hardware. However, if you are going to remove the product and install it on a different wheelchair, make sure to follow all Hardware Selection and Product Installation and Adjustment instructions before using the product.

Instructions: Select the correct discs and screws. Then, continue with "Hardware Selection Part Two: Outer Cane Clamps".

STEP ONE: Find the Back Shell Width.

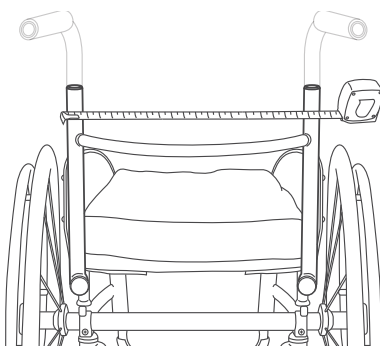
Refer to the label on the back shell and the tables below.



AG2 – 1610A – 2CB
AG CARBON MIN 16X10 W/AIR, COV

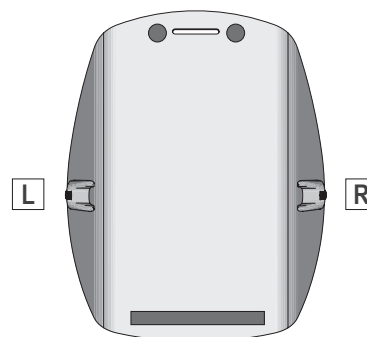
STEP TWO: Find the correct Width Range:

Measure the distance between the outsides of the wheelchair canes, as shown. Refer to the tables below.



STEP THREE: Select Option 1, 2, or 3 (based on the Back Shell Width and the Width Range).

Note: Each Option includes two (2) discs and one (1) screw for each side of the back shell (total of 4 discs and 2 screws). Set aside any remaining parts.



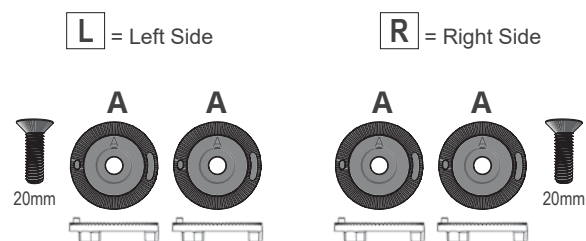
Back Shell Width

14
15
16
17
18

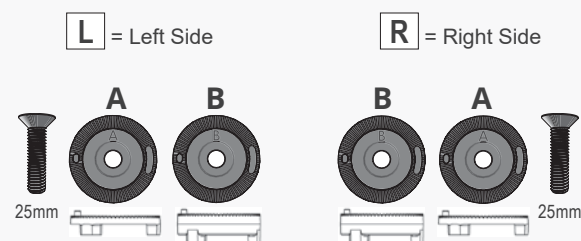
Width Range

cm	in.
34.9 - 35.9	13¾ - 14½
37.5 - 38.4	14¾ - 15½
40 - 41	15¾ - 16½
42.5 - 43.5	16¾ - 17½
45.1 - 46	17¾ - 18½

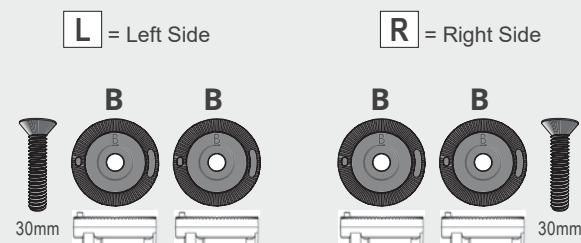
Option 1



Option 2



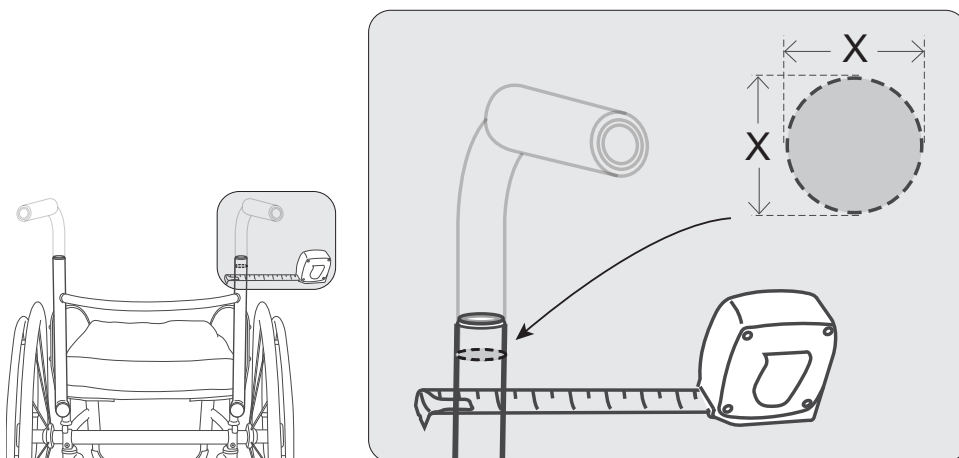
Option 3



Hardware Selection Part Two: Outer Cane Clamps

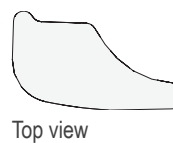
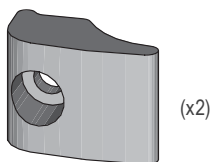
Instructions: Select the correct outer cane clamps. Then, continue with "Hardware Attachment".

1. Measure the diameter of the wheelchair canes. Diameter = "X".

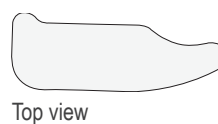
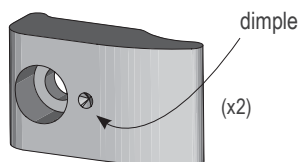


2. Select the correct outer cane clamps.

X = 1 in. (2.5 cm)



X = $\frac{3}{4}$ in. (2 cm)
Note: The $\frac{3}{4}$ in. (2 cm) outer cane clamp has a "dimple" next to the opening for the cane clamp screw.



X \neq $\frac{3}{4}$ in. (2.0 cm)
 1 in. (2.5 cm)

If the diameter (X) of the wheelchair back canes does not equal $\frac{3}{4}$ in. (2.0 cm) or 1 in. (2.5 cm), ask the product provider about compatibility.

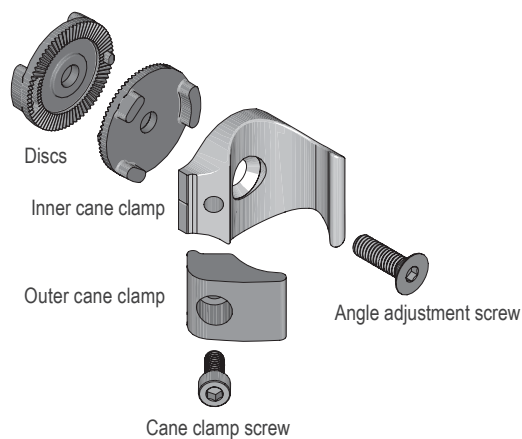
Note: An image may not be the actual size of the component.

Hardware Attachment



Warnings:

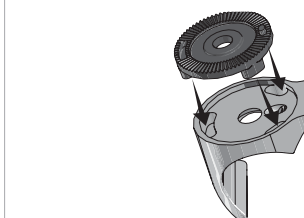
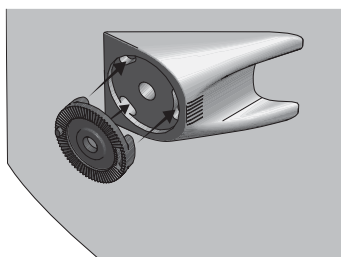
- If the wrong hardware is used, the product will NOT fit correctly on the wheelchair. Before attaching the hardware, follow the "Hardware Selection" instructions to ensure you are using the correct hardware for the wheelchair. Consult with a clinician or the equipment provider for assistance.
- Identical discs MUST be installed on both sides (for example, AB and BA). If the discs are not identical (for example, AB and AA), the back shell will not be centered, which may affect positioning. See "Hardware Selection".
- If hardware is attached and must be replaced, follow "Hardware Removal" instructions first, and then "Hardware Attachment".



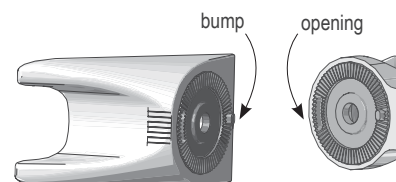
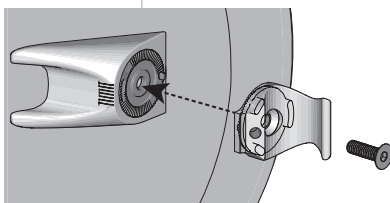
Follow these instructions for left and right sides.

1. Before attaching the hardware, make sure it is correct for the wheelchair and back shell. See "Hardware Selection".
2. Attach the discs. Press one disc into the grooves on the back shell. Press the other disc into the grooves on the inner cane clamp.

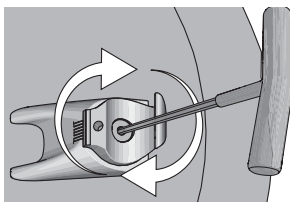
Note: If using the AB / BA discs, place the "B" discs in the back shell.



3. Use the angle adjustment screw to attach the inner cane clamp to the back shell. Match the bumps and openings on the discs.

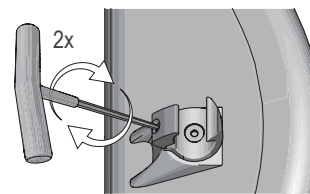
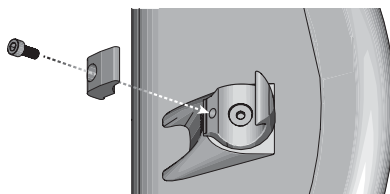


4. Tighten the angle adjustment screw until snug.



5. Use the cane clamp screw to attach the outer cane clamp. Tighten the cane clamp screw two (2) full rotations.

Continue with "Angle Adjustment" on the next page.



Angle Adjustment

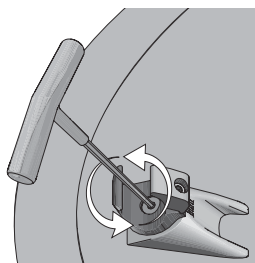
Follow these instructions for left and right sides.


Warnings:

- DO NOT adjust the angle while the product is installed on the wheelchair. If the product is installed, first remove it from the wheelchair before adjusting the angle. See "Product Removal".
- DO NOT install, remove, or adjust the angle of the product while the individual is seated in the wheelchair.

1. Before adjusting the angle, make sure the hardware is correct for the wheelchair and back shell. See "Hardware Selection".

2. Loosen the angle adjustment screw up to 1½ full rotations.

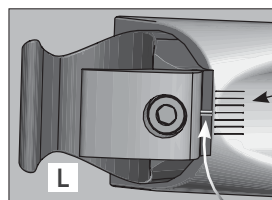
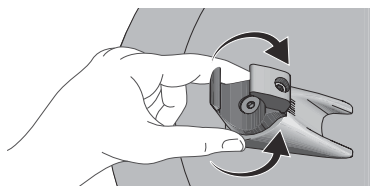


 **Warning:** If you rotate the angle adjustment screw too far, and it comes out, see "Hardware Attachment."

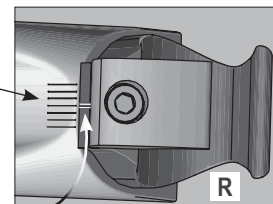
3. On each side of the back shell, locate the markers and rotate the hardware to the desired angle.

Make sure that the markers are lined up the same way on both sides.

Note: Each back shell marker represents 5 degrees. The angle can be adjusted up to 15 degrees in either direction.



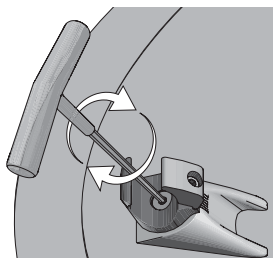
Markers on each side of the back shell



One marker on each inner cane clamp

4. Tighten the angle adjustment screw until snug.

Note: If a torque wrench is available, tighten to no more than 60 inch-pounds (7 Newton-meters).



Installation and Height Adjustment



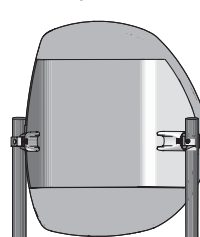
Warnings:

- DO NOT install, remove, or adjust the height of the product while the individual is seated in the wheelchair.
- After you install the product, and before the individual transfers into the wheelchair, make sure that all hardware is securely tightened. Refer to the recommended torque specifications.

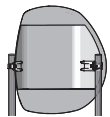
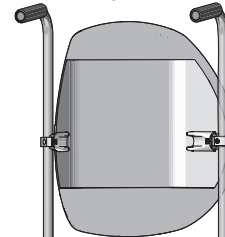
Note: The AGILITY CARBON can be used in a flipped position. Refer to "Flip the Back Shell" instructions in this manual.

Follow the instructions for Installation Option A or Installation Option B, depending on the wheelchair cane type.

Option A



Option B

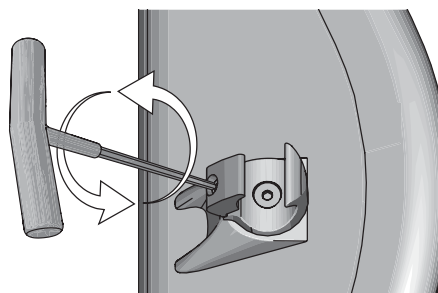


Installation Option A

Use this option if the wheelchair canes do not have push handles or other equipment that may interfere with installation.

1. Before installing the product make sure the hardware is correct for the wheelchair and back shell. See "Hardware Selection".
2. Loosen, but do not remove, the cane clamp screw. Repeat for the other side.

Note: If the outer cane clamp becomes detached, see Installation Option B, step 5.



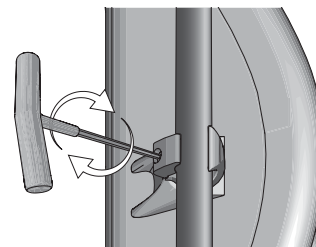
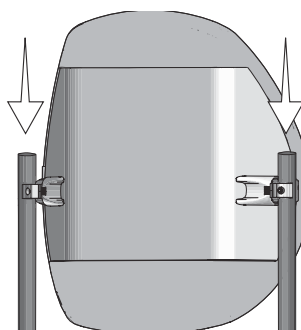
The 1 in. (2.5 cm) outer cane clamp is shown.

3. Slide the cane clamps onto the canes to the desired height.

Note: If the product does not fit properly on the wheelchair, repeat "Hardware Selection".

4. Tighten the cane clamp screws until snug + one-quarter turn.

Note: If a torque wrench is available, tighten to no more than 40 inch-pounds (4.5 Newton-meters).



5. Use a tape measure to make sure the cane clamps are at the same height.

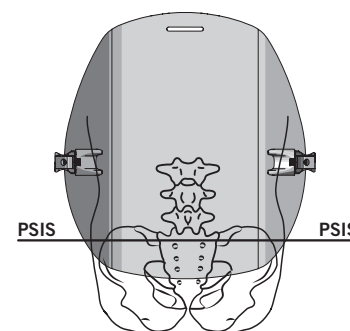
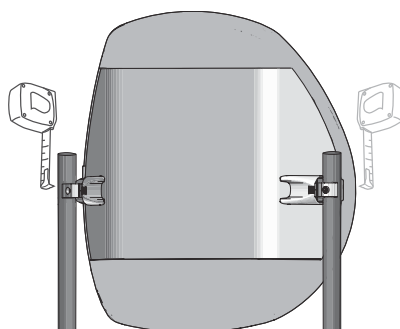
6. If needed, adjust the height and re-tighten the hardware (see the previous steps).



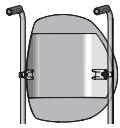
Warning: Have the individual safely transfer into the wheelchair.



PSIS Warning: Make sure that the product is positioned so that the bottom portion makes contact with the Posterior Superior Iliac Spine (PSIS). If the product is NOT positioned to make contact with the PSIS, pelvic support and trunk control may be reduced.



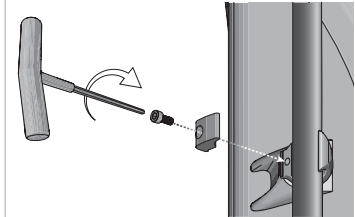
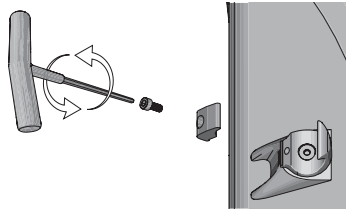
Installation and Height Adjustment, continued



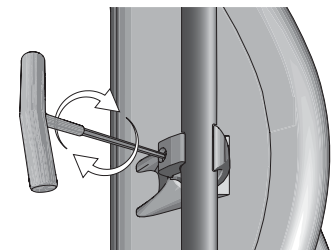
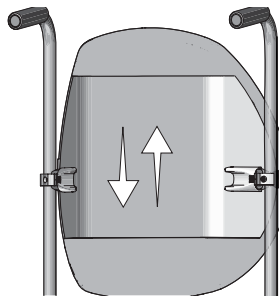
Installation Option B

Use this option if the wheelchair canes have push handles or other equipment that may interfere with installation.

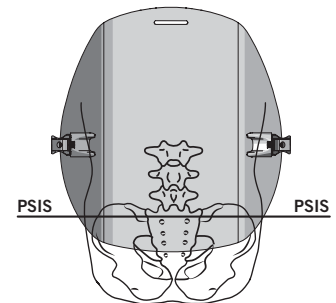
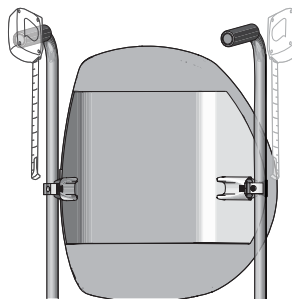
1. Before installing the product make sure the hardware is correct for the wheelchair and back shell. See "Hardware Selection".
2. Remove the cane clamp screw and the outer cane clamp. Repeat for the other side.
3. Place the inner cane clamps around the wheelchair canes. Attach but do not tighten the outer cane clamps, using the cane clamp screws.



4. Slide the back shell up or down to the desired height.
Note: If the product does not fit properly on the wheelchair, repeat "Hardware Selection".
5. Tighten the cane clamp screws until snug + one-quarter turn.
Note: If a torque wrench is available, tighten to no more than 40 inch-pounds (4.5 Newton-meters).



6. Use a tape measure to make sure the cane clamps are at the same height.
7. If needed, adjust the height and re-tighten the hardware (see the previous steps).



Warning: Have the individual safely transfer into the wheelchair.

PSIS Warning: Make sure that the product is positioned so that the bottom portion makes contact with the Posterior Superior Iliac Spine (PSIS). If the product is NOT positioned to make contact with the PSIS, pelvic support and trunk control may be reduced.

Lumbar Support Pad

Warning: DO NOT install accessories on the product while the individual is in the wheelchair.

The Lumbar Support Pad provides added support to the lumbar region. Package contents include hook and loop fastener strips. The hook side of the fastener strip is pre-attached to the back of the Lumbar Support Pad.

To Install a Lumbar Support Pad:

1. Detach the cover flap closest to the zipper and unzip the cover.
2. Place the Lumbar Support Pad inside the cover, positioned at the curve of the lumbar spine, or where it is most comfortable. The Lumbar Support Pad may be placed either in front of or in back of the foam pad.
3. Remove the backing from the loop side of the fastener strip and secure the Lumbar Support Pad in the desired position.
Note: If the loop fastener strip is attached to the inside of the cover, the fastener strip may need to be replaced after multiple cover washings.
4. Zip the cover closed and re-attach the cover flap.

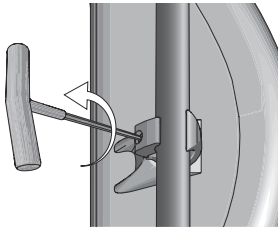
To Remove a Lumbar Support Pad:

1. Detach the cover flap closest to the zipper and unzip the cover.
2. Carefully detach the hook and loop fastener strips from each other.

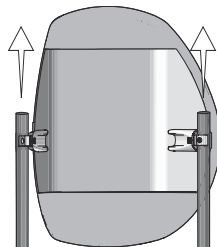
Product Removal

Warning: DO NOT remove the product while the individual is seated in the wheelchair.

For back canes WITHOUT push handles:

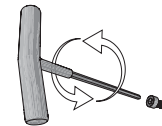
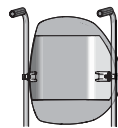


1. Loosen, but do not remove, the cane clamp screws on each side.



2. Lift to slide the product off the wheelchair canes.

For back canes WITH push handles:



1. On both sides, remove the cane clamp screw and the outer cane clamp.
2. Remove the product from the wheelchair.

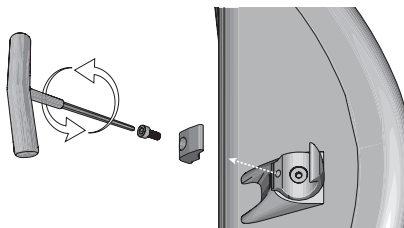
Hardware Removal

Warning: In order to correctly and securely install the product, you MUST use the correct hardware. See "Hardware Selection".

Note: To replace hardware, follow the removal instructions and then follow the "Hardware Attachment" instructions.

Outer Cane Clamp Removal

1. For both sides, remove the cane clamp screw and the outer cane clamp.
2. Continue with the "Hardware Attachment" section in this manual.

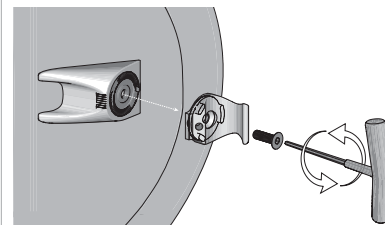
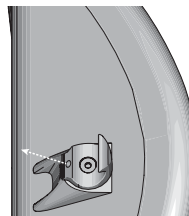
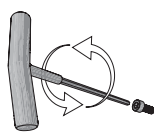


Note: The 1 in. (2.5 cm) outer cane clamp is shown.

Disc Removal

Note: Disc "A" is shown.

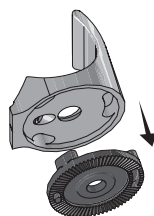
1. For both sides, remove the outer and inner cane clamps:
 - a. Remove the cane clamp screw and the outer cane clamp.
 - b. Remove the angle adjustment screw and the inner cane clamp.



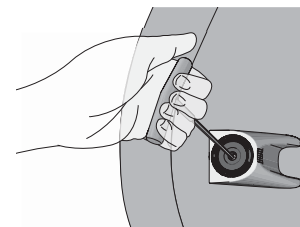
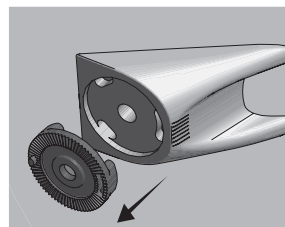
2. For both sides, remove the discs:
 - a. Turn the inner cane clamps upside down to drop out the discs.
 - b. Pry the discs from both sides of the back shell. Use the T-Handle Wrench or a small, flathead screwdriver (or other tool).

Tip: Place the T-Handle Wrench in the center of the disc, and move the handle in a circular motion.
3. Continue with the "Hardware Attachment" section in this manual.

Inner Cane Clamp



Back Shell

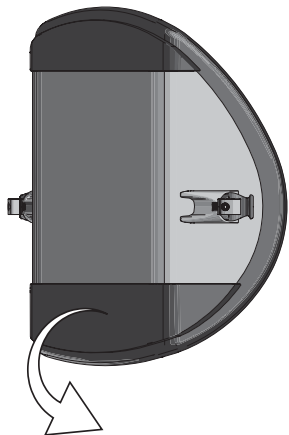


Cover Removal and Installation

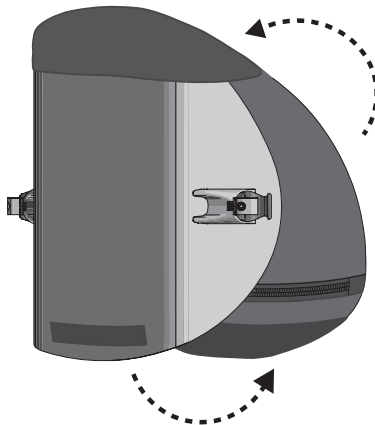
⚠ Warnings:

- DO NOT remove or install the cover while the individual is in the wheelchair.
- DO NOT use the product without the cover, the foam pad, and the air insert or foam insert.
- Inspect the cover for damage and replace if necessary.

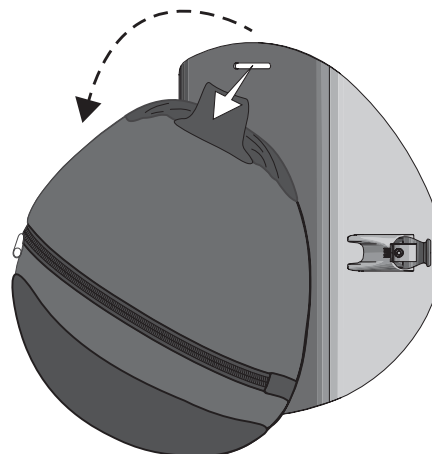
To Remove the Cover:



1. On the back and bottom side of the shell, pull the cover flap to release the cover from the fastener strip.

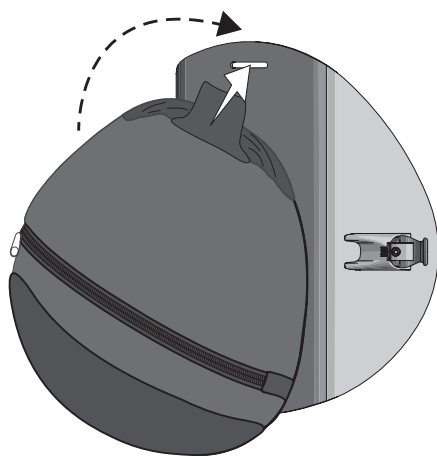


2. Pull the cover away from the shell, releasing it from the fastener strips on the front side.

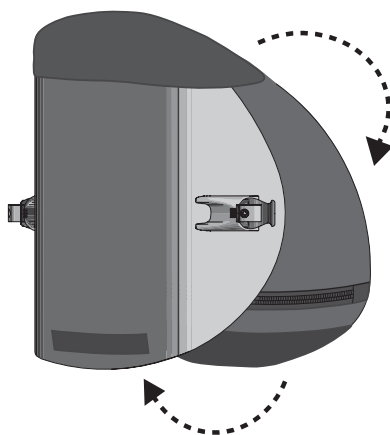


3. Flip the cover over the top of the shell. Release the attachment flap from the fastener strip. Pull the flap through the cover attachment slot to remove the cover.

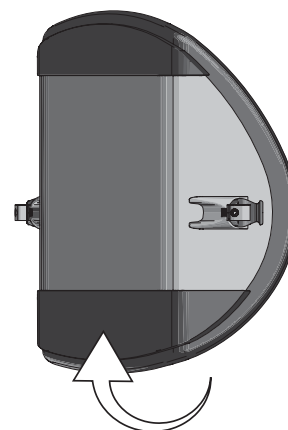
To Install the Cover:



1. At the top of the shell, slide the attachment flap through the cover attachment slot. Press the fastener strip on the shell and the attachment flap together to secure the cover. Flip the cover over the top of the shell.



2. Fold the cover flap over the top of the shell and press to fastener circles. Make sure the zipper side of the cover faces the shell, and press to attach the cover to the fastener strips on the front side of the shell.



3. Pull the bottom end of the cover over the bottom edge of the shell. Press the fastener strip on the shell and the cover flap together to secure the cover.

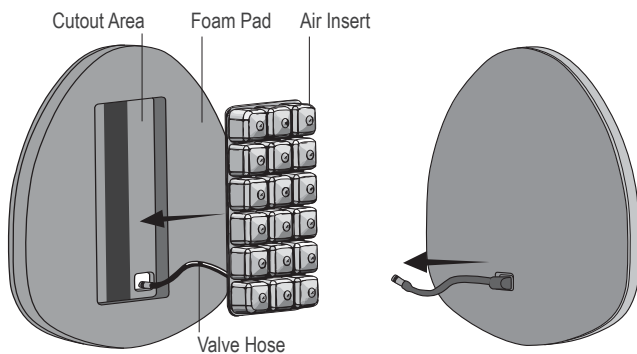
Foam Pad and Air Insert Removal and Installation

Warning: Inspect the foam and air insert for damage and replace if necessary.

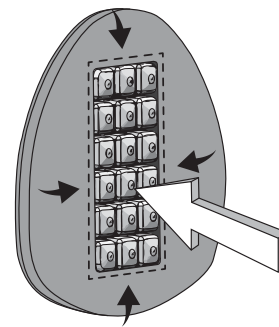
To Remove the Foam Pad and Air Insert

1. Detach the cover and foam from the back shell.
2. Unzip and remove the cover.
3. Detach the air insert from the fastener strip in the cutout area of the foam pad.
4. Pull the valve hose of the air insert back through the hole in the foam pad.

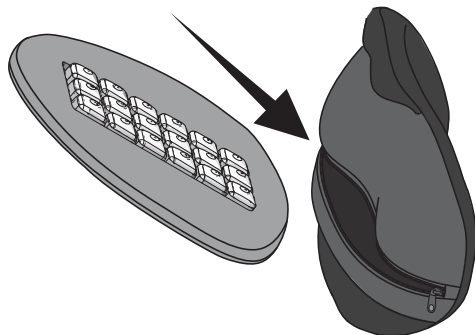
To Install the Foam Pad and Air Insert



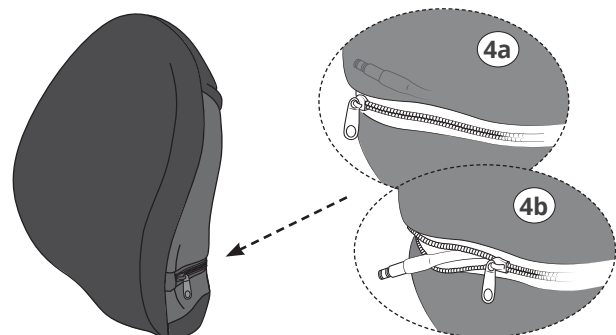
1. Slide the valve hose through the hole in the foam pad. The air cells should face out.



2. Tuck the edges of the air insert under all of the edges of the cutout area. Press to secure the air insert to the fastener strip in the cutout area.



3. Unzip the cover. Place the foam pad / air insert inside the cover. The air insert should face the front of the cover. The wide and narrow ends of the foam pad should be aligned with the wide and narrow ends of the cover.

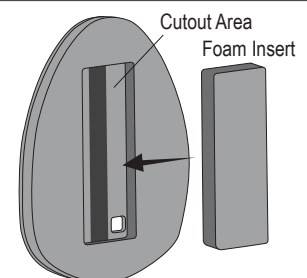


- 4.a. If adjustment of the air insert is not needed: Place the valve hose inside the zipper area. Zip the cover closed. Install the cover on the back shell.
- 4.b. If adjustment of the air insert is needed: Partially unzip the cover to allow access to the inflation valve. Install the cover on the back shell. See "To Adjust the Air Insert".

Foam Insert Installation

Warning: The air insert and the foam insert are not intended to be used together.

1. Remove the air insert from the foam pad. See "To Remove the Foam Pad and Air Insert".
2. Align the foam insert with the cutout area. Press to secure the fastener strips.
3. Unzip the cover and place the foam pad with the foam insert attached into the cover.
Note: The side of the foam pad with the foam insert should face the front of the cover. The wide and narrow ends of the foam pad should be aligned with the wide and narrow ends of the cover.
4. Zip the cover closed and install the cover on the back shell.



Air Insert Adjustment



Warnings:

- Check inflation frequently, at least once a day!
- The air insert must be used with the air cells facing the individual.
- The individual's comfort level may be reduced if the air insert is the wrong size, if it is not positioned correctly or is under-inflated or over-inflated.
- If the air insert does not appear to be holding air, see "Troubleshooting." If the air insert is still not holding air, replace the air insert with the foam insert and contact Customer Support or the distributor.
- Changes in altitude may require adjustment to the air insert.
- Keep the air insert away from sharp objects.



DO NOT:

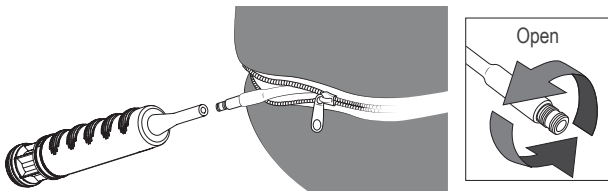
- use the air insert as a seat cushion.
- use the inflation valve or hose as a handle to carry or pull the air insert.
- use the air insert as a water flotation device (e.g., a Life Preserver).
- use the following with an air insert: a pump, cover, foam pad or repair kit other than those compatible with the product. Doing so may void the product's warranty.



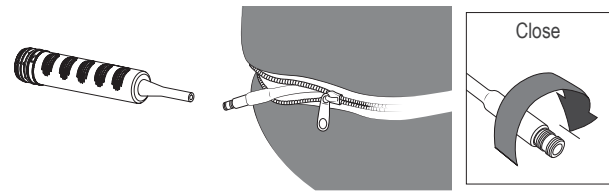
Caution: If the air insert has been in temperatures less than 32°F / 0°C and exhibits unusual stiffness, allow the air insert to warm to room temperature. Then open the inflation valve, roll up the air insert, and then unroll it until the polyurethane is soft and pliable again. Repeat adjustment instructions before using.

To Adjust the Air Insert

Before adjusting the air insert, complete installation of the cover and AGILITY CARBON.

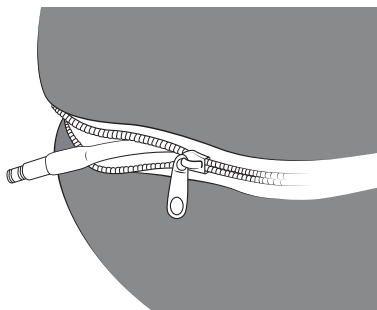


1. Slide the rubber nozzle of the hand pump over the inflation valve. Pinch the nozzle and open the inflation valve. Inflate the air insert until it feels firm.

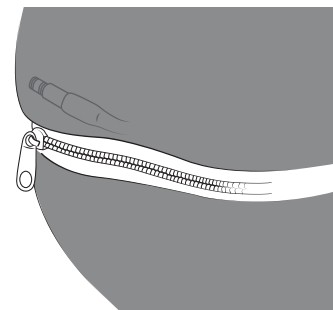


2. Pinch the rubber nozzle of the hand pump and close the inflation valve until it comes to a stop. Remove the hand pump.

3. The individual should be seated in the wheelchair in their normal position. Open the valve. Remove air until the individual is comfortable. Close the valve. Make sure the inflation valve is closed.

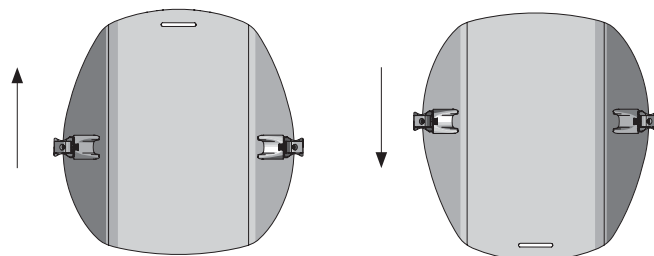


4. Detach the cover flap closest to the zipper. Place the valve hose inside the cover. Close the zipper and reattach the cover flap.



Flip the Back Shell

1. Remove the product if it is already installed on the wheelchair. See "Product Removal".
2. Rotate the back shell.
3. Follow all instructions to adjust and install the product.



Troubleshooting

For additional assistance, contact the equipment provider, distributor, or Customer Support.

The hardware is loose on the wheelchair back canes.	The wheelchair canes are too small. Check the outer cane clamp size. If the back canes on the wheelchair are $\frac{3}{4}$ in. (2 cm) in diameter, you must use the $\frac{3}{4}$ in. (2 cm) Outer Cane Clamps. See "Hardware Selection".
The hardware won't fit onto the wheelchair back canes.	The wheelchair canes are too large. Check the outer cane clamp size. If the back canes on the wheelchair are 1 in. (2.5 cm) in diameter, you must use the 1 in. (2.5 cm) Outer Cane Clamps. See "Hardware Selection".
The hardware will not tighten or stay secure.	<ul style="list-style-type: none"> » Make sure that the hardware is correctly sized. See "Hardware Selection". » Make sure the hardware is correctly assembled and oriented to the back shell. The markers on the back shell should align with the marker on the inner cane clamp. See "Hardware Attachment".
The back support appears to be unevenly installed.	<ul style="list-style-type: none"> » Use a tape measure or ruler to make sure the hardware is at the same height on both wheelchair canes. » Make sure the same discs are used on both sides (for example, AB and BA; not AA and BA). See "Hardware Attachment".
The air insert is not holding air.	Inflate the air insert. Inspect the inflation valve and hose for damage. Confirm that the inflation valve is completely closed. Look for holes in the air insert. If very small holes or no holes are visible, follow the instructions in the Repair Kit provided with the product.
The air insert does not feel comfortable.	<ul style="list-style-type: none"> » Add or remove air to adjust to the comfort level. See "Air Insert Adjustment". » Make sure the air cells are facing the individual and the cover is properly positioned. See "Cover Removal and Installation" and "Foam Pad and Air Insert Removal and Installation".
The air insert slides out of position.	Make sure the air insert is properly positioned and the fabric back of the air insert is secured to the fastener strip in the cutout area of the foam pad. The perimeter of the air insert should be tucked in between the foam layers around the edge of the cutout area. See "Foam Pad and Air Insert Removal and Installation".

Maintenance



Warning: DO NOT continue to use the product if any part is broken, cannot be tightened, or is not functioning properly. Periodically, the product should be thoroughly inspected by a qualified technician.

Check daily to confirm the tightness of screws and hardware. Re-tighten loose screws, following the instructions in this manual. Check components daily for wear or damage and replace if necessary.

Storage, Transport, Disposal, and Recycling

Storage or Transport: Clean and disinfect the product. Open the inflation valve. Place in a container that protects the product from moisture, contaminants and damage. After storing or transporting, inspect the product to ensure it was not damaged (see "Troubleshooting"), and follow instructions to prepare the product for use.

Disposal: The components of the products in this manual are associated with no known environmental hazards when properly used and when disposed of in accordance with all local/regional regulations. At the end of its useful life, treat as healthcare waste and dispose of according to local healthcare-waste guidelines. Incineration must be performed by a qualified, licensed waste management facility.

Recycling: Contact a local recycling agency to determine recycling options for the product.

Limited Warranty

Limited Warranty Term, from the date the product was originally purchased: Back Shell and Hardware: 60 months; Cover, Foam Pad, Foam Insert, Lumbar Support Pad and Air Insert: 18 months. See also the Limited Warranty supplement provided with the product, or contact Customer Support.

Cleaning and Disinfecting

Warnings:

- Cleaning and disinfecting are separate processes. Cleaning must precede disinfection. Before use by a different individual: clean, disinfect, and check product for proper functioning.
- Clean the product regularly and when it becomes soiled.
- Follow safety guidelines on the chemical containers.

Cautions:

- DO NOT use abrasives such as steel wool or scouring pads on the product.
- DO NOT use cleaning products containing petroleum or organic solvents [i.e. acetone, toluene, Methyl Ethyl Ketone (MEK), naphtha, dry cleaning fluids, adhesive removers] on the product.

AGILITY Component

To Clean:

To Disinfect:

Back shell and hardware:

Hand wash in warm (40°C) water with soap and a sponge. Rinse with clean water. Wipe dry with a clean cloth and then allow to air dry completely.



Wipe gently with a cloth dampened with a household disinfectant. Rinse with clean water. Wipe dry with a clean cloth and then allow to air dry completely.



Cover:

Notes:

- Remove the foam pad from the cover prior to cleaning and disinfecting. Secure the hook and loop fastener strips at both ends of the cover.
- Turn the cover inside out.
- Zip the cover closed to avoid snags.

Machine wash in warm (40°C) water with mild detergent. Tumble dry low.



Hand wash using quaternary ammonium disinfectant (Follow product label instructions). Rinse thoroughly with clean water. The cover may also be machine washed in hot (60°C) water to disinfect. Tumble dry low. DO NOT use bleach.



Note: The method of disinfection should be determined based on disinfection needs.



Foam pad, foam insert and lumbar support pad:

Note: Remove the foam pad from the cover prior to cleaning.

Wipe lightly with a damp cloth. DO NOT use soap. DO NOT submerge in water. Wipe off with a clean cloth. Completely air dry before replacing in cover.



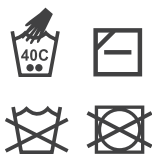
Note: Disinfectants are NOT effective on porous surfaces such as foam. Replace soiled or contaminated foam components with authorized foam components only. Replacement foam components may be purchased separately. Soiled or contaminated foam components MUST NOT be used by different individuals.

Air insert:

Notes: Remove the air insert from the cover and foam pad prior to cleaning and disinfecting. Make sure the valve is closed.

Warning: DO NOT allow water or cleaning solution to enter the air insert.

Place in a large sink or basin with warm (40°C) water. Hand wash, using mild liquid hand soap, hand dishwashing liquid, laundry detergent, or a multi-purpose detergent (Follow product label instructions). Gently scrub all cushion surfaces, using a soft, plastic bristle brush, a sponge, or a cloth. Rinse with clean water. Air dry. DO NOT machine wash or dry.



Caution: DO NOT expose to direct sunlight.

Hand wash in warm (40°C) water using 1 part household liquid bleach per 9 parts water. Rinse thoroughly with clean water. Air dry. DO NOT machine wash or dry. DO NOT autoclave.



Care Symbols



Wipe with a damp cloth.



Machine wash warm, normal.



Machine wash hot, normal, at the temperature shown.



Hand wash.



Hand wash warm.



Tumble dry low.



Dry flat in the shade.



Bleach (1 part bleach: 9 parts water).



Do not bleach.



Do not tumble dry.



Do not machine wash.

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1501 South 74th St.
Belleville, IL 62223 USA
permobilus.com



Intertek

The products featured in this document were
manufactured under a Quality Management System
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