ROHO® AGILITY CARBON™ Back System
Operation Manual

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.
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Product information is changed as needed; current product information is available at permobilus.com.

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

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Before Using AGILITY CARBON

1. Read all safety information.

2. Select the correct hardware.
   - Follow these instructions: “Hardware Attachment or Replacement”
   - Use these tables: “Disc Compatibility Table”
   - “Outer Cane Clamp Compatibility Table”

   IMPORTANT! Use the compatibility tables even if the hardware is already installed on your AGILITY CARBON.

3. Install the AGILITY CARBON.
   - Follow these instructions: “Angle Adjustment”
   - “Installation and Height Adjustment”

Intended Use

The ROHO® AGILITY CARBON™ Back Systems (AGILITY CARBON) are lightweight backrest replacement systems for wheelchairs and are 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™ Minimum Contour Back System (AGILITY CARBON Minimum Contour)
   - ROHO® AGILITY CARBON™ Mid Contour Back System (AGILITY CARBON Mid Contour)

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 your clinician, equipment provider, distributor, or Customer Support.

- Follow all instructions and safety information provided with the product and provided by the manufacturer of your 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.
Important Safety Information, continued

⚠️ Warnings:
- 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 your wheelchair’s stability. Before using the product, consult with a clinician to determine whether your wheelchair requires additional modifications.
- DO NOT lean over the top of AGILITY CARBON. 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 AGILITY CARBON because it may become detached from the wheelchair.
- Wheelchair Compatibility: Wheelchairs with rigidizer bars may not be compatible with AGILITY CARBON, as the rigidizer bar may interfere with angle and/or height adjustment. Consult with an equipment provider to determine if AGILITY CARBON is compatible with your 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:
- AGILITY CARBON 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 AGILITY CARBON safely during transport to avoid damage. If AGILITY CARBON has been involved in an accident during transport, see the “Maintenance” section in this manual.

⚠️ 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 AGILITY CARBON from blunt force shocks that may cause damage and/or breakage.
- Use of any hardware or components other than those approved for use with AGILITY CARBON may result in product damage or failure and may void the warranty.
- The components of an AGILITY CARBON are not intended to be used separately from AGILITY CARBON or in conjunction with other wheelchair back systems.
- Unless otherwise stated in this manual, AGILITY CARBON is not intended to be used with, and has not been tested for use with, other manufacturers’ accessories.
- Altering AGILITY CARBON 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.
Parts Detail

Package Contents: AGILITY CARBON back shell, hardware, T-handle wrench, cover with foam and air inserts, hand pump, repair kit, product registration card, operation manual, limited warranty supplement

- A torque wrench and a tape measure or ruler are recommended but are not included in the package contents.
- To order replacement parts, contact your product provider or Customer Support.
- Your AGILITY CARBON 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.

Note: An image may not be the actual size of the component.
Hardware Attachment or Replacement

Before you install or use AGILITY CARBON, you must select the correct hardware to fit your wheelchair. IMPORTANT! Even if the hardware is already installed on your AGILITY CARBON, continue to follow these instructions to make sure the product will correctly fit your wheelchair.

**Warnings:**

- In order to correctly and securely install the AGILITY CARBON, you MUST use the correct discs, angle adjustment screws, and outer cane clamps. Consult with a clinician or the equipment provider to determine if your wheelchair’s back canes are compatible with AGILITY CARBON hardware and to select the correct hardware.

- You MUST use the same discs on both sides (for example, AB and AB). If you use different discs on each side (for example, AB and BB), the AGILITY CARBON will not be centered, resulting in incorrect positioning.

**First:** Select the correct discs and angle adjustment screws. 

**Second:** Select the correct outer cane clamps.

1. Measure the distance between the outsides of the wheelchair canes.
2. Find the width of your AGILITY CARBON. The width is the first “Size” number shown on the label on the back shell.
3. Select the correct discs and screw for each side of AGILITY CARBON. Refer to the disc compatibility table on the next page.
## Hardware Attachment or Replacement, continued

### Disc Compatibility Table

<table>
<thead>
<tr>
<th>Distance between the outsides of canes</th>
<th>Width of AGILITY CARBON</th>
<th>Discs and screws on each side</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Distance between the outsides of canes</strong></td>
<td><strong>Width of AGILITY CARBON</strong></td>
<td><strong>Discs and screws on each side</strong></td>
</tr>
<tr>
<td>Centimeters (cm)</td>
<td>Inches (in.)</td>
<td></td>
</tr>
<tr>
<td>At least:</td>
<td>Less than:</td>
<td>At least:</td>
</tr>
<tr>
<td>34.9</td>
<td>35.9</td>
<td>13 ¼</td>
</tr>
<tr>
<td>35.9</td>
<td>36.8</td>
<td>14 ¼</td>
</tr>
<tr>
<td>36.8</td>
<td>37.5</td>
<td>14½</td>
</tr>
<tr>
<td>37.5</td>
<td>38.4</td>
<td>14 ³/₄</td>
</tr>
<tr>
<td>38.4</td>
<td>39.4</td>
<td>15 ½</td>
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<tr>
<td>39.4</td>
<td>40.0</td>
<td>15 ¾</td>
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<tr>
<td>40.0</td>
<td>41.0</td>
<td>16 ¼</td>
</tr>
<tr>
<td>41.0</td>
<td>41.9</td>
<td>16 ½</td>
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<tr>
<td>41.9</td>
<td>42.5</td>
<td>16 ¾</td>
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<tr>
<td>42.5</td>
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<td>43.5</td>
<td>44.5</td>
<td>17 ½</td>
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<td>44.5</td>
<td>45.1</td>
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<tr>
<td>45.1</td>
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<td>46.0</td>
<td>47.0</td>
<td>18 ½</td>
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<tr>
<td>47.0</td>
<td>47.6</td>
<td>18¾</td>
</tr>
</tbody>
</table>

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

1. **Disc "A"** top and side view
2. **Disc "B"** top and side view

### Screw Size and Quantity

- **AA**: 14mm (x2)
- **AB**: 20mm (x2)
- **BB**: 25mm (x2)
Hardware Attachment or Replacement, continued

Second: Select the correct outer cane clamps.

1. Measure the diameter of your wheelchair canes.
2. Use the table and images below to select the correct outer cane clamps.
3. Locate the provided cane clamp screws (x2) that will be used to attach the outer cane clamps.

Outer Cane Clamp Compatibility Table

<table>
<thead>
<tr>
<th>Diameter ((\phi))</th>
<th>Use the Outer Cane Clamp (x2).</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; (2.5 cm)</td>
<td>Use the 1&quot; (2.5 cm) Outer Cane Clamp (x2).</td>
</tr>
<tr>
<td>3/4&quot; (2.0 cm)</td>
<td>Use the 3/4&quot; (2.0 cm) Outer Cane Clamp (x2).</td>
</tr>
<tr>
<td>5/8&quot; (2.0 cm)</td>
<td>Use the 5/8&quot; (2.0 cm) Outer Cane Clamp (x2).</td>
</tr>
</tbody>
</table>

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

Third: Follow the instructions on the next page to install the correct hardware.
Hardware Attachment or Replacement, continued

- Follow these instructions to install the correct discs and outer cane clamps.
- If hardware is already installed on the back shell, first follow the instructions in “Disc Removal” and “Outer Cane Clamp Removal”.
- Use the T-Handle Wrench to attach, tighten or remove the screws.

*Note: Disc “A” and the 1” (2.5 cm) Outer Cane Clamp are shown. Refer to the disc and outer cane clamp compatibility tables in this manual to select the correct hardware.*

1. Press one of the discs into the grooves on the back shell.

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

2. Press the other disc into the grooves on the inner cane clamp.

3. Place the inner cane clamp onto the back shell. Attach with the angle adjustment screw.

*Note: For correct orientation, each disc has a bump and an opening. When you place the discs together, the bumps should match up with openings, as shown.*

4. Tighten the angle adjustment screw until snug.

5. Use the cane clamp screw to attach the outer cane clamp to the inner cane clamp. Tighten the cane clamp screw two (2) full rotations. Repeat for the other side.

6. See “Angle Adjustment” on the next page.
Angle Adjustment

Before you install AGILITY CARBON on the wheelchair, follow these instructions to adjust the angle, if needed. Use the T-Handle Wrench to attach, tighten or remove the screws.

**Warnings:**
- DO NOT adjust AGILITY CARBON while the individual is seated in the wheelchair.
- Angle adjustments must be performed BEFORE you install AGILITY CARBON on the wheelchair. If adjustments are needed after installation, the individual must first transfer out of the wheelchair. See “AGILITY CARBON Removal” to remove the back shell from the wheelchair, and then follow “Angle Adjustment” and “Installation and Height Adjustment” instructions.

1. Loosen the angle adjustment screw up to one and one-half (1½) full rotations.

   **Warning:** If you rotate the angle adjustment screw too far, and it comes out, follow the instructions in “Hardware Attachment or Replacement”.

2. Locate the markers on each side of the AGILITY CARBON back shell to prepare for angle adjustment.

3. Rotate the hardware on both sides to adjust the back shell to the desired angle. On each side, the marker on the inner cane clamp will line up with one of the markers on the back shell.

   **Note:** The inner cane clamp can be rotated up to 3 markers, or 15 degrees, in either direction. Each marker represents 5 degrees.

4. Compare the markers on each side to make sure they are equal and aligned. 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

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

Use the T-Handle Wrench to attach, tighten or remove the screws.

*Note: The 1" (2.5 cm) Outer Cane Clamp is shown. Refer to the “Outer Cane Clamp Compatibility Table” in this manual to select the correct hardware.*

**Warnings:**
- DO NOT install, remove, or adjust the height of AGILITY CARBON while the individual is seated in the wheelchair.
- After you install AGILITY CARBON, and before the individual transfers into the wheelchair, make sure that all hardware is securely tightened. Refer to the recommended torque specifications.
- If AGILITY CARBON is not positioned to make contact with the Posterior Superior Iliac Spine (PSIS), pelvic support and trunk control may be reduced.

**Installation Option A**

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

1. 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 2.*

2. Slide the cane clamps onto the canes to the desired height. 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).*

3. Use a tape measure to make sure the cane clamps are at the same height. Adjust the height if needed, and re-tighten the hardware.

   **Have the individual safely transfer into the wheelchair.**
Installation and Height Adjustment, continued

Installation Option B

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

⚠️ Have the individual safely transfer into the wheelchair.

AGILITY CARBON Removal

Follow these instructions to remove AGILITY CARBON from your wheelchair. Use the T-Handle Wrench to attach, tighten or remove the screws.

⚠️ Warning: DO NOT remove AGILITY CARBON 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 AGILITY CARBON 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 AGILITY CARBON from the wheelchair.
Outer Cane Clamp Removal

Use the T-Handle Wrench to attach, tighten or remove the screws.

⚠️ **Warning:** In order to correctly and securely install the AGILITY CARBON, you MUST use the correct outer cane clamp. See the outer cane clamp compatibility table in this manual.

To replace the outer cane clamp, follow these instructions, and then follow the “Hardware Attachment or Replacement” instructions.

*Note: The 1” (2.5 cm) Outer Cane Clamp is shown. Refer to the “Outer Cane Clamp Compatibility Table” in this manual to select the correct hardware.*

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

Disc Removal

To replace the discs, follow these instructions, and then follow the “Hardware Attachment or Replacement” instructions.

*Note: Disc “A” is shown. Refer to the “Disc Compatibility Table” in this manual to select the correct hardware.*

1. For both sides, remove the cane clamp screw and the outer cane clamp.
2. For both sides, remove the angle adjustment screw and the inner cane clamp.
3. Turn both inner cane clamps upside down to drop out the discs.
4. Pry the discs from both sides of the back shell. Use a small, flathead screwdriver or other tool.
5. Continue with the “Hardware Attachment” section in this manual.

Tip: Place the T-Handle Wrench in the center of the disc, and move the handle in a circular motion to pry out the disc.
Cover Removal and Installation

**Warnings:**
- DO NOT remove or install the AGILITY CARBON cover while the individual is in the wheelchair.
- DO NOT use the AGILITY CARBON 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.
   **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 your distributor.
- Changes in altitude may require adjustment to the air insert.
- Keep the air insert away from sharp objects.

**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 completely. 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.

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

**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 your product. Doing so may void the product’s warranty.
Flip AGILITY CARBON
1. If AGILITY CARBON is already installed, remove the AGILITY CARBON from the wheelchair. See "AGILITY CARBON Removal".
2. Rotate the back shell.
3. Adjust and install the AGILITY CARBON following all adjustment and installation instructions provided with the product.

Accessories

⚠️ Warning: DO NOT install accessories on an AGILITY CARBON while the individual is in the wheelchair.

ROHO AGILITY Lumbar Support Pad
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 inside the cover positioned at the curve of the spine, or where it is most comfortable.
   Notes: The Lumbar Support may be placed either in front of or in back of the foam pad.
   Placement behind the foam pad is recommended with the air insert.
   Placement in front of the air insert may reduce the performance of the air insert.
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.
Troubleshooting

For additional assistance, contact your clinical caregiver, distributor, or Customer Support.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The back cane hardware is loose on the wheelchair back canes.</td>
<td>The wheelchair canes are too small. Check the outer cane clamp size. If the back canes on your wheelchair are ¾” (2.0 cm) in diameter, you must use the ¾” (2.0 cm) Outer Cane Clamps. See the “Outer Cane Clamp Compatibility Table”.</td>
</tr>
<tr>
<td>The back cane hardware won’t fit onto the wheelchair back canes.</td>
<td>The wheelchair canes are too large. Check the outer cane clamp size. If the back canes on your wheelchair are 1” (2.5 cm) in diameter, you must use the 1” (2.5 cm) Outer Cane Clamps. See the “Outer Cane Clamp Compatibility Table”.</td>
</tr>
<tr>
<td>The hardware will not tighten or stay secure.</td>
<td>- Make sure that the hardware is correctly sized. See &quot;Hardware Compatibility&quot;.</td>
</tr>
<tr>
<td></td>
<td>- Make sure the hardware is correctly assembled and oriented to the back shell. The angle adjustment markers on the back shell should align with the marker on the inner cane clamp. See &quot;Hardware Attachment or Replacement&quot;.</td>
</tr>
<tr>
<td>The AGILITY CARBON appears to be unevenly installed.</td>
<td>- Use a tape measure or ruler to make sure the hardware is at the same height on both wheelchair canes.</td>
</tr>
<tr>
<td></td>
<td>- Make sure the same discs are used on both sides (for example, AB and AB; not AB and BB). See &quot;Hardware Attachment or Replacement&quot;.</td>
</tr>
<tr>
<td>The air insert is not holding air.</td>
<td>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 your product.</td>
</tr>
<tr>
<td>The air insert does not feel comfortable.</td>
<td>- Add or remove air to adjust to your comfort level. See &quot;Air Insert Adjustment&quot;.</td>
</tr>
<tr>
<td></td>
<td>- Make sure the air cells are facing the individual and the cover is properly positioned. See &quot;Cover Removal and Installation&quot; and &quot;Foam Pad and Air Insert Removal and Installation&quot;.</td>
</tr>
<tr>
<td>The air insert slides out of position</td>
<td>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 &quot;Foam Pad and Air Insert Removal and Installation&quot;.</td>
</tr>
</tbody>
</table>

Maintenance

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

Check daily to confirm the tightness of AGILITY CARBON 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, Disposal and Recycling

Storage: Clean and disinfect the product before storing. Store the product in a container that protects the product from moisture, contaminants and damage.

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. Incineration must be performed by a qualified, licensed waste management facility.

Recycling: Contact a local recycling agency to determine recycling options for the product. For more recycling information, contact Customer Support.

Limited Warranty

Limited Warranty Term, from the date the product was originally purchased: Back Shell and Cane Hardware: 36 months; Cover, Foam Pad, Foam Insert, Lumbar Support Pad and Air Insert: 18 months. See also the Limited Warranty supplement provided with your product, or contact Customer Support.
# Cleaning and Disinfecting

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

**Cautions:**
- DO NOT use abrasives such as steel wool or scouring pads on components of AGILITY CARBON.
- 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 components of AGILITY CARBON.

<table>
<thead>
<tr>
<th>AGILITY Component</th>
<th>To Clean:</th>
<th>To Disinfect:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Back shell and hardware:</strong></td>
<td>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.</td>
<td>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.</td>
</tr>
<tr>
<td><strong>Cover:</strong> Notes: Remove the foam and air insert 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.</td>
<td>Machine wash in warm (40°C) water with mild detergent. Tumble dry low.</td>
<td>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. Note: The method of disinfection should be determined based on disinfection needs.</td>
</tr>
<tr>
<td><strong>Foam pad, foam insert and lumbar support pad:</strong> Note: Remove the foam components from the cover prior to cleaning.</td>
<td>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.</td>
<td>Note: Disinfectants are NOT effective on porous surfaces such as foam. Replace soiled or contaminated foam components with authorized ROHO foam components only. Replacement foam components may be purchased separately. Soiled or contaminated foam components MUST NOT be used by different individuals.</td>
</tr>
<tr>
<td><strong>Air insert:</strong> Notes: Remove the air insert from the cover and foam pad prior to cleaning and disinfecting. Make sure the valve is closed. DO NOT allow water or cleaning solution to enter the air insert.</td>
<td>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 multipurpose 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. DO NOT expose to direct sunlight.</td>
<td>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.</td>
</tr>
</tbody>
</table>

.Priority: = Wipe with damp cloth
# Product Specifications

## Materials

<table>
<thead>
<tr>
<th>Back Shell</th>
<th>Foam Pad</th>
<th>Cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Fiber</td>
<td>Polyurethane front; polyethylene back</td>
<td>Spacer fabric front and fluid-resistant back and flaps with hook and loop fasteners to secure the cover to the back shell.</td>
</tr>
<tr>
<td>Hardware: Aluminum, Steel, Zytel®</td>
<td>Foam Insert: Polyurethane</td>
<td>Air Insert: Polyether polyurethane front; urethane-coated nylon back</td>
</tr>
<tr>
<td>Lumbar Support Pad (optional accessory): Polyurethane</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Sizing

*All measurements are approximate.*

### AGILITY CARBON:

<table>
<thead>
<tr>
<th>Width (W) - in. (cm)</th>
<th>Height (H) - in. (cm)</th>
<th>Depth (D)</th>
<th>Weight Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 (35.5)</td>
<td>10 (25.5)</td>
<td>Minimum Contour: 2 to 3 lbs.</td>
<td></td>
</tr>
<tr>
<td>15 (38.0)</td>
<td>13 (33.0)</td>
<td>3 in. (7.5 cm)</td>
<td>0.9 to 1.4 kg</td>
</tr>
<tr>
<td>16 (40.5)</td>
<td>16 (40.5)</td>
<td>Mid Contour: 4 in. (10.0 cm)</td>
<td></td>
</tr>
<tr>
<td>17 (43.0)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 (45.5)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Height (H) 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 height measurement.
- Width (W) measurements are taken from the outside of the back cane to the outside of the back cane.
- Depth measurements are taken from the center, front surface to the highest point of the contoured edge.
- The weight range is based on the smallest and largest sizes: [in. (cm)]: 14 x 10 x 3 (35.5 x 25.5 x 7.5) and 18 x 16 x 4 (51.0 x 45.5 x 10.0)

### Adjustable Back Air Insert:

<table>
<thead>
<tr>
<th>Width (BW)</th>
<th>Height (BH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 cells, 6½ in. (16.5 cm)</td>
<td>6½ in. (16.5 cm)</td>
</tr>
<tr>
<td>5 Cells: 10½ in. (27.0 cm)</td>
<td>12½ in. (32.0 cm)</td>
</tr>
</tbody>
</table>

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

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

### Attachment Hardware

<table>
<thead>
<tr>
<th>Hardware</th>
<th>Hardware Type</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cane Clamp Screw</td>
<td>Socket Head Cap Screw</td>
<td>M5 x .08 x 12mm</td>
</tr>
<tr>
<td>Angle Adjustment Screw</td>
<td>Flathead Socket Cap Screw</td>
<td>M6 x 1.0 x 14mm, M6 x 1.0 x 20mm, M6 x 1.0 x 25mm</td>
</tr>
</tbody>
</table>

Product expected lifetime: 5 years