

Invacare® MatrX® Libra™

Model Number LC

en **Seating System**

User Manual |

I General

en

I.1 Symbols

Signal words are used in this manual and apply to hazards or unsafe practices which could result in personal injury or property damage. See the information below for definitions of the signal words.



WARNING!

– Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION!

– Caution indicates a potentially hazardous situation which, if not avoided, may result in property damage or minor injury or both.



IMPORTANT

– Indicates a hazardous situation that could result in damage to property if it is not avoided.



Gives useful tips, recommendations and information for efficient, trouble-free use.

I.2 Overview

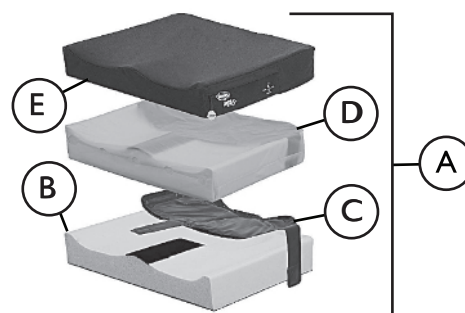
Important Information



Important

– THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE.

– Check all parts for shipping damage and test before using. In case of damage, DO NOT use. Contact Invacare/Carrier for further instruction.



The best way to avoid problems related to pressure sores is to understand their causes and your role in a skin management program. Your therapist and physician should be consulted if you have questions regarding individual limitations and needs.

All cushions should be selected carefully. Working with your therapist and physician is the best way to assure that a cushion choice matches your individual needs. As the needs of the individual become more complex, cushion evaluation becomes more important.

Invacare MatrX Libra

The Invacare MatrX Libra A uses a combination of molded foam cushion B and dual layer fluid sac C to provide the highest level of skin protection for users with high risk of skin breakdown.

Fluid Sac

The fluid sac utilizes a unique dual-layer fluid design in the ischial/sacral areas to help prevent bottoming out.

Inner Liner and Outer Cover

The inner liner D is moisture resistant to protect the foam. The outer cover E is water resistant and breathable. Regular cleaning and inspection of the covers is recommended. Refer to Section 4 Care and Maintenance.

This manual MUST be given to the user of the product.
BEFORE using this product, read this manual and save for future reference.



Yes, you can.®

2 Safety

2.1 General Guidelines



WARNING!
Risk of Injury or Damage

Improper use of this product may cause injury or damage.

- If you are unable to understand the warnings, cautions or instructions, contact a health care professional or dealer before attempting to use this equipment.
- DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as user manual, service manuals or instruction sheets supplied with this product or optional equipment.



WARNING!
Risk of Serious Injury or Damage

Use of non-Invacare accessories may result in serious injury or damage.

- Invacare products are specifically designed and manufactured for use in conjunction with Invacare accessories. Accessories designed by other manufacturers have not been tested by Invacare and are not recommended for use with Invacare products.
- DO NOT use non-Invacare accessories.



WARNING!
Risk of Serious Injury or Damage

Improperly installed or secured cushion could cause loss of stability resulting in serious injury or damage. Installing a cushion may affect wheelchair center of gravity resulting in injury.

- After ANY adjustments, repair or service and before use, make sure that all attaching hardware is tightened securely.
- Ensure the seat cushion is properly secured to the wheelchair before using. Otherwise injury or damage may occur.
- Installing a cushion on a wheelchair may affect the center of gravity of the wheelchair and may cause the wheelchair to become unstable, potentially resulting in injury.



WARNING!
Risk of Serious Injury or Damage

- Skin condition should be checked very frequently after the installation of any new seating system.
- Your therapist and physician should be consulted if you have any questions regarding individual limitations and needs.
- Working with your therapist, physician, and equipment supplier is the best way to assure that a seating choice matches your individual needs.
- As the needs of the individual become more complex, the seating evaluation becomes more important.
- The cushion is designed to be used only at room temperature. If it is left at lower temperatures, always allow it to warm to room temperature before using. Sitting on extremely cold or hot surfaces can cause skin damage.
- Avoid sharp objects or exposure to excessive heat or open flame.
- DO NOT smoke while using this device.

2.2 Intended Use

The Invacare MatrX Libra cushion is designed to provide the highest level of skin protection for the users with high risk of skin breakdown.

2.3 Weight Limitation

Libra cushions 20 inches or less in width have a weight limit of 300 lbs. (136 kg).

Libra cushions 21 inches or more in width have a weight limit of 500 lbs. (227 kg).

3 Usage

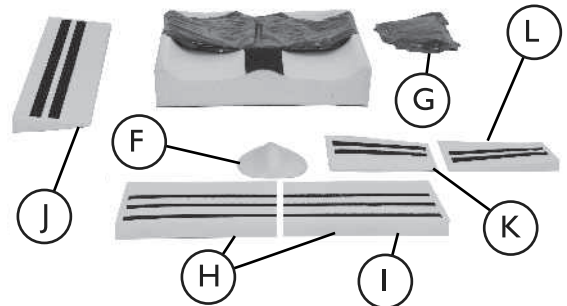
3.1 Installing the Invacare MatrX Libra



Avoid the use of additional covers or padding between the user and the cushion, as this could reduce its effectiveness.

1. Position the cushion (A) so the material identification tags (not shown) face the rear.
2. Align the hook and loop strips (not shown) on the bottom of the cushion with those on the wheelchair seat.
3. Position the cushion onto the wheelchair as far back as possible.
4. Press down to ensure the hook and loop strips are firmly engaged.

3.2 Libra Accessories (Sold Separately)

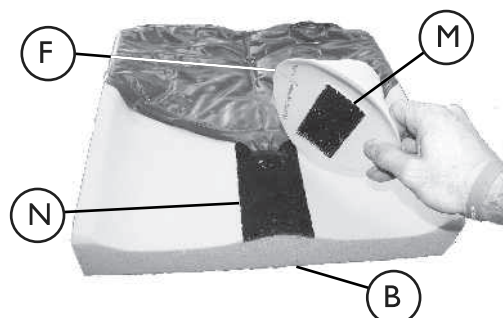


Optional Libra accessories are available separately and allow the cushion to be adjusted where necessary to meet the specific positioning needs of the end user.

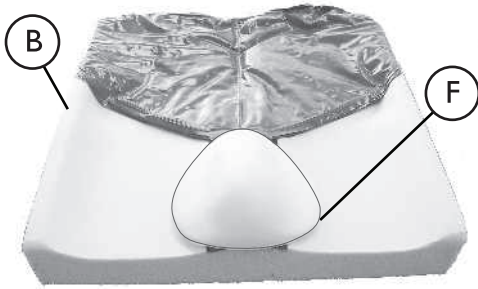
Accessories include: Abductor (F), Fluid Supplement (G), Seat Wedge (H), Hemi Wedge (I), Lateral Wedge (J), RF/LR Tapered Wedge (K) and LF/RR Tapered Wedge (L).

3.3 Installing the Abductor Support

1. Remove the outer cover and inner liner.
2. Align the hook strip (M) on the abductor support (F) with the loop (N) strip on the top of the foam cushion (B) at the desired depth.



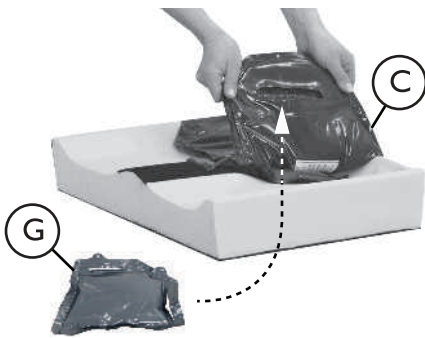
3. Press down to secure the abductor support ⑥ to the foam cushion ⑧.



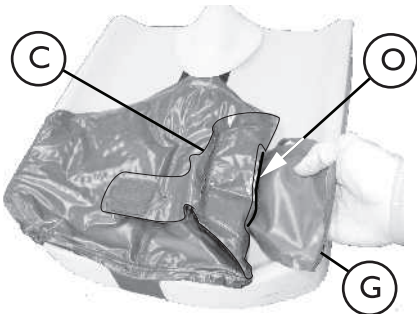
4. Re-install the inner liner and outer cover.

3.4 Installing the Fluid Supplement

1. Remove outer cover and inner liner and unfasten the hook and loop strips from the side and/or rear of the fluid sac ③ where you wish to install the fluid supplement pack(s) ④.



2. Locate the small pocket/slot ⑤ on the underside of the fluid sac ③.



3. Install the fluid supplement pack(s) ④ inside the slot/pocket and adjust the fluid supplement pack to the desired position inside the fluid sac.



4. Refasten the fluid sac hook and loop strips and re-install the inner liner and outer cover.

3.5 Installing a Seat Wedge, Lateral Wedge and/or Tapered Wedge

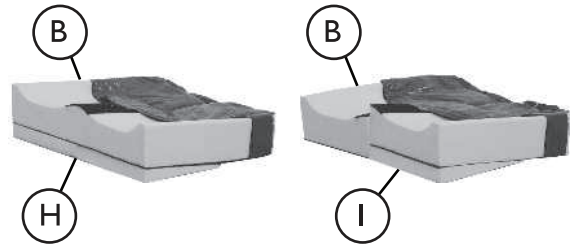
① Foam wedges can be trimmed as needed to fit the cushion dimensions and/or the cushion contours.

Lateral wedges are sold individually.

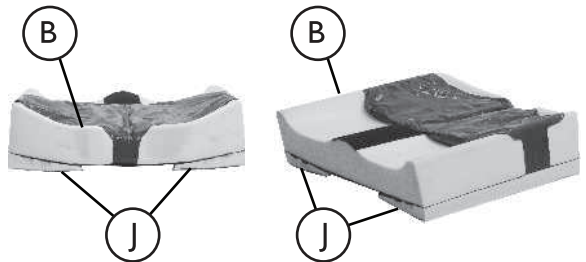
1. Remove the outer cover and inner liner and position the wedge(s) in the desired position on the underside of the foam cushion ⑧ as shown:

Seat Wedge (H), Hemi Wedge (I)

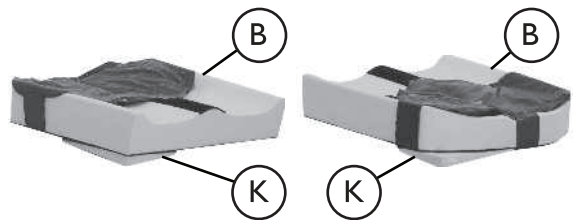
① For Hemi Wedge installation ①, disengage the front fluid sac attachment and carefully cut the cushion foam along the mid-line of the cushion back to the slot for the fluid sac attachment..



Lateral Wedge (J)



RF/LR Tapered Wedge (K) and LF/RR Tapered Wedge (not shown)



2. Using the hook and loop strips, secure wedge(s) to the underside of the foam cushion.
3. Re-install the inner liner and outer cover.

4 Care and Maintenance

4.1 Inspection



WARNING!

Risk of injury or damage

- DO NOT continue to use this product if problems or damage are discovered. Corrective maintenance can be performed at or arranged through your equipment supplier.

Visually inspect parts including upholstery materials, foams (if accessible), and plastics, for deformation, corrosion, breakage, wear or compression.

4.2 Cleaning



WARNING!

Risk of injury or damage

- To avoid infectious exposure, inspect cushion thoroughly and properly clean and disinfect any materials soiled with blood or other bodily fluids.



CAUTION!

risk of damage

- DO NOT use cleaning agents containing phenols, alcohols bleaches or other abrasive materials. Otherwise product damage may occur.
- 1% Chlorine Solution used on a regular basis can diminish the life of the cover if not rinsed and dried properly. Do not use granules.
- Keep clear of open heat sources.



All cleaning agents and disinfectants used must be effective, compatible with one another and must protect the materials they are used to clean.

For further information on decontamination in health care environments, please refer to 'The National Institute for Clinical Excellence' guidelines on Infection Control www.nice.org.uk/CG002 and your local infection control policy.

Cleaning (Light Soilage) - Outer and Inner Cover

1. Wipe down the outer cover with a 0.1% Chlorine Solution (1,000 ppm).
2. Rinse the outer cover with clean water using a single use nonabrasive cloth.
3. Dry the outer cover thoroughly.



The inner liner should not be removed from the foam.

4. If necessary, remove the outer cover and repeat STEPS 1-3 to clean the inner cover.

Cleaning (Heavy Soilage) - Outer Cover Only



Where the outer cover is badly soiled, we recommend cleaning with a diluted cleaning solution at 176 °F / 80 °C in the washing machine.

Large spillages of bodily fluids should be absorbed and removed with paper towels first, before washing the cover.

1. Clean up all spillages of bodily fluids i.e. blood, urine, faeces, sputum, wound exudate and all other bodily secretions as soon as possible using a 1% Chlorine Solution (10,000 ppm).
2. Rinse the outer cover with clean water using a single use nonabrasive cloth.



Polyurethane coated fabrics can absorb liquids for short periods causing a temporary change to the polyurethane characteristics. The cover will swell temporarily and is more vulnerable to physical damage for a period after it is completely surface dried, by which time it will revert to its previous state.

Tumble dry setting must not exceed 122 °F / 50 °C.

Do not tumble dry for longer than 10 minutes.

3. Dry cover thoroughly before re-fitting to the cushion.

5 After Use

5.1 Reuse



WARNING!

Risk of injury

- Always have a dealer inspect the product for damage before transferring the product to a different user. If any damage is found, DO NOT use the product. Otherwise injury may occur.

A cleaning record must be kept as part of the cleaning system.

The product is suitable for repeated use. The number of times it can be used depends on how often and in which way the product is used.

It is recommended that the cushion is checked (foam and cover) for strike-through (this may include fluid ingress, stains, rips or damage) after the release of each patient by a suitably qualified and competent person.

Before reuse, clean the product thoroughly. Refer to Procedure 4.2 Cleaning.

5.2 Disposal

The disposal and recycling of used devices and packaging must comply with the applicable local legal regulations.

6 Warranty

6.1 Warranty

PLEASE NOTE: THE WARRANTY BELOW HAS BEEN DRAFTED TO COMPLY WITH FEDERAL LAW APPLICABLE TO PRODUCTS MANUFACTURED AFTER JULY 4, 1975.

This warranty is extended only to the original purchaser/user of our products.

This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

Invacare/Motion Concepts warrants this product to be free from defects in materials and workmanship for three years of use by original purchaser. This warranty does not apply to punctures, tears or burns, nor to the removable cushion cover or inner liner. If within such warranty period any such product shall be proven to be defective, such product shall be repaired or replaced, at Invacare's/Motion Concepts' option, with refurbished or new parts. This warranty does not include any labor or shipping charges incurred in replacement part installation or repair of any such product. Product repairs shall not extend this warranty - coverage for repaired product shall end when this limited warranty terminates. Invacare's/Motion Concepts' sole obligation and your exclusive remedy under this warranty shall be limited to such repair and/or replacement.

For warranty service, please contact the dealer from whom you purchased your Invacare/Motion Concepts product. In the event you do not receive satisfactory warranty service, please write directly to Invacare/Motion Concepts at the address on the back cover. Provide dealer's name, address, model number, the date of purchase, indicate nature of the defect and, if the product is serialized, indicate the serial number.

Invacare Corporation/Motion Concepts will issue a return authorization. The defective unit or parts must be returned for warranty inspection using the serial number, when applicable, as identification within thirty (30) days of return authorization date. DO NOT return products to our factory without our prior consent. C.O.D. shipments will be refused; please prepay shipping charges.

LIMITATIONS AND EXCLUSIONS: THE WARRANTY SHALL NOT APPLY TO PROBLEMS ARISING FROM NORMAL WEAR OR FAILURE TO ADHERE TO THE ENCLOSED INSTRUCTIONS. IN ADDITION, THE FOREGOING WARRANTY SHALL NOT APPLY TO SERIAL NUMBERED PRODUCTS IF THE SERIAL NUMBER HAS BEEN REMOVED OR DEFACED; PRODUCTS SUBJECTED TO NEGLIGENCE, ACCIDENT, IMPROPER OPERATION, MAINTENANCE OR STORAGE; OR PRODUCTS MODIFIED WITHOUT INVACARE'S/MOTION CONCEPTS' EXPRESS WRITTEN CONSENT INCLUDING, BUT NOT LIMITED TO: MODIFICATION THROUGH THE USE OF UNAUTHORIZED PARTS OR ATTACHMENTS; PRODUCTS DAMAGED BY REASON OF REPAIRS MADE TO ANY COMPONENT WITHOUT THE SPECIFIC CONSENT OF INVACARE/MOTION CONCEPTS; PRODUCTS DAMAGED BY CIRCUMSTANCES BEYOND INVACARE'S/MOTION CONCEPTS' CONTROL; PRODUCTS REPAIRED BY ANYONE OTHER THAN AN INVACARE/MOTION CONCEPTS DEALER, SUCH EVALUATION SHALL BE SOLELY DETERMINED BY INVACARE/MOTION CONCEPTS.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, IF ANY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

IT SHALL NOT EXTEND BEYOND THE DURATION OF THE EXPRESSED WARRANTY PROVIDED HEREIN AND THE REMEDY FOR VIOLATIONS OF ANY IMPLIED WARRANTY SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT PURSUANT TO THE TERMS CONTAINED HEREIN. INVACARE/MOTION CONCEPTS SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES WHATSOEVER.