



Flexi Seating System

Item #s

WCF-1000-2GJB

WCF-1000-2GFR

WCF-1000-2GPP

WCF-2000-2GJB

WCF-2000-2GFR

WCF-2000-2GPP

READ BEFORE USE

Save this User Guide for later reference.

- DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructions material such as owner's manual, service manuals or instruction sheets supplied with this product or optional equipment. If clarification about warnings, cautions or instructions is needed, contact a healthcare professional, dealer or technical personnel before attempting to use this equipment - otherwise, injury or damage may occur.
- This seating system may be purchased by prescription or over-the-counter. A clinician or qualified rehabilitation specialist should be consulted regarding proper positioning and use of postural supports in this seating system.
- This seating system is designed to use on an Inspired by Drive mobility base.
- Each seating system is manufactured for use with a particular base(s). To ensure using the Flexi Seat does not render the patient unsuitable, the Flexi Seat and base should be tested for stability with the patient seated in the equipment (refer to Stability of Wheelchair and Seating System).
- As with most seating system it is advisable to monitor a patient's initial use of the Flexi Seat in the early stages. It is recommended that the duration a patient sits in the system is controlled, this varies due to circumstances, but where possible periods of sitting in the system should not exceed 3 hours at any one time.
- The safety belt should be worn at all times during use.
- All safety straps and belts should fit snugly but comfortably on the user.
- Follow the Maintenance/Inspection Checklist section regularly and on an ongoing basis, notice anything that may need adjustment or repair.
- This seating system has been crash tested in conjunction with an Inspired by Drive mobility base according to the ISO 7176-19 Section 19 - Wheelchair mobility device for use as seats in motor vehicles.
- Whenever feasible, the individual should transfer out of the wheelchair to a vehicle seat and use a vehicle occupant restraint or should use a child safety restraint system. The seating system should be safely stowed and secured so as not to become a projectile in a crash or sudden driving maneuver.
- The maintenance and safety instructions described in this booklet must be adhered to. By following these instructions you will be ensuring correct use of the seating system and its safety in use.
- It is also important to read the 'Mobility Base/Wheelchair User Manual' that accompanies the wheelchair with regard to general use, transportation, safety and maintenance.
- Inspired by Drive products are specifically designed and manufactured for use in conjunction with Inspired by Drive accessories. Accessories designed by other manufacturers have not been tested by Inspired by Drive and are not recommended for use with Inspired by Drive products.
- Compatibility of non-Inspired by Drive products is the responsibility of the user in conjunction with his/her healthcare professional.
- Risk terms are used in this manual and apply to hazards or unsafe practices which could result in personal injury or property damage. Refer to the table below for definitions of the risk terms.

READ BEFORE USE

Risk Terms	Definition
------------	------------

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

WARNING	Warning indicates a potentially hazardous situation which, if not avoided, COULD result in property damage or minor injury or both.
----------------	---

- WARNINGS are found throughout the sections of this manual where they apply. Read all warnings in each section and review often until they are second nature to all user(s) of the wheelchair including the attendant(s).
- Inspired by Drive reserves the right to make technical changes to the product described in this manual.

REGISTER YOUR PRODUCT

Thank you for choosing a Inspired by Drive wheelchair. For customer service or technical support please contact:

Inspired by Drive

Toll Free: 800.454.6612

Phone: 562.282.0244

Fax: 310.305.1718

Email: info@inspiredbydrive.com

Website: www.inspiredbydrive.com

Register your product online at www.inspiredbydrive.com/warranty/

TABLE OF CONTENTS

1. Product Specifications

2. Major Components

- 2.1 Flexi Seating System
- 2.2 Seating System Interface

3. General Guidelines

- 3.1 Intended Purpose
- 3.2 Stability
- 3.3 Clinical Review
- 3.4 Suitable Environment

4. Safety and Handling

- 4.1 Stability of Wheelchair and Seating System

5. Installation & Set Up

- 5.1 Installing Seating System
- 5.2 Removing Seating System

6. Adjustments

- 6.1 Back Height
- 6.2 Back Recline
- 6.3 Seat Depth
- 6.4 Seat Tilt
- 6.5 Seat Width with Hip Supports
- 6.6 Armrests
- 6.7 Trunk Supports
- 6.8 Headrest
- 6.9 Footrest
- 6.10 Chest Harness

7. Accessories

- 7.1 Upper Extremity Support (Tray)
- 7.2 Medial Thigh Support (Pommel)
- 7.3 Deluxe Canopy
- 7.4 Rain Cover
- 7.5 Angle Adjustable Footplate

8. Maintenance

- 8.1 Maintenance/Inspection Checklist
- 8.2 Cleaning
- 8.3 Fire Retardancy

9. Transit Use

- 9.1 Restraining the Wheelchair Occupant
- 9.2 Use of Postural Belts

10. Warranty

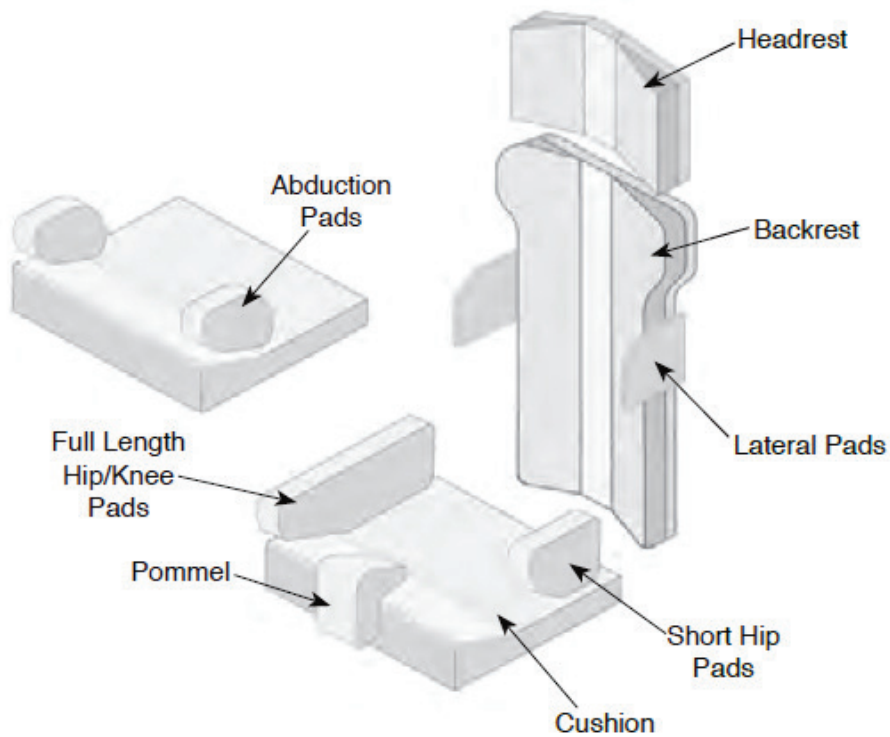
- 10.1 End User Replacements

1. PRODUCT SPECIFICATIONS

	Size 1 - WCF-1000-2G	Size 2 - WCF-2000-2G
Weight Capacity	66 lb (30 kg)	66 lb (30 kg)
Back Height	11" - 13.5"	13" - 19"
Trunk width	6.5" - 9.5"	8" - 11"
Hip width	8" - 11"	10" - 14"
Seat depth	8" - 12"	11" - 15"
Seat-to-Floor height (90°)	21"	21"
Tilt Angle	-5 to 40°	-5 to 40°
Seat-to-Back angle	0° - 180°	0° - 180°
Footrest height	6.5" - 12.5"	8" - 15"

2. MAJOR COMPONENTS

2.1 Flexi Seat

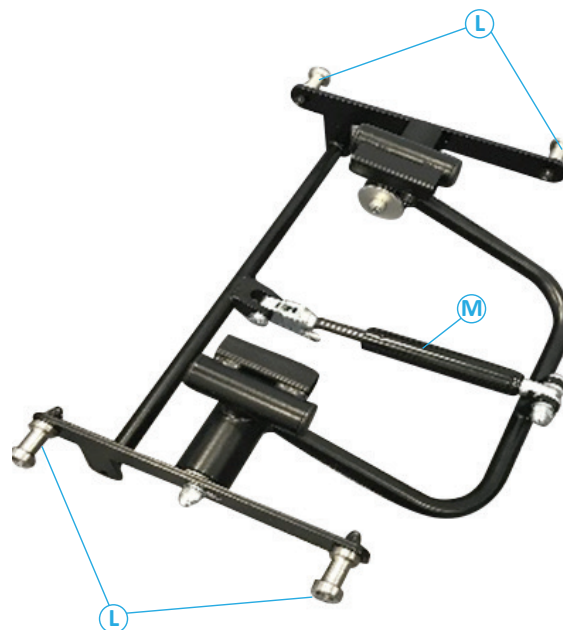


2.2 Seating System Interface

(for reference only, interface is attached to the seating system and not included with the Miko Mobility Base)

L. Seat Location Locking Pins

M. Gas Strut



3. GENERAL GUIDELINES

3.1 Intended Purpose

The Inspired by Drive Flexi Seat is designed to provide postural support for children and adolescents who have limited or no ability to ambulate and require a device to aid in seated mobility in the home and community.

3.2 Stability

The back height, seat depth, back angle, seating system, tilt angle, seat height, in relation to the size/position of the rear wheels, size/position of the front casters, as well as the user condition directly relate to the stability of the wheelchair. Any change to one or any combination of these may cause the wheelchair to decrease in stability. The adjustments MUST be performed by a qualified technician.

3.3 Clinical Review

To ensure the seating system continues to meet the clinical requirements of the patient, it is recommended that the system is reviewed by qualified personnel at least once a year.

Discuss all changes to the settings or adjustments with the qualified personnel or therapist to ensure the safety of the patients.

It is imperative that patients be examined regularly for signs of skin irritation or pressure sores. Pressure redistribution and skin examinations can prevent serious injuries. Consult the qualified personnel immediately if there're signs of skin reddening or pressure sores.

3.4 Suitable Environment

The seating system is designed to be used on a mobility base for both indoor and outdoor use. See Cleaning/Storage section for detailed instructions on cleaning the seating.

The upholstery as well as foam padding used on the seating system:

- Meet the performance requirements for resistance to ignition according to BS EN 1021-1 (Smoldering Cigarette), BS EN 12021-2 (Match Flame Equivalent) and BS 5852 Clause 11 Ignition source 5. However, they may still ignite if fire is handled improperly or negligently.
- Anti-bacterial/anti-fungal – will not support microbial or fungal growth including Salmonella, E coli and MRSA
- Water and stain resistant

4. SAFETY AND HANDLING

“Safety and Handling” of the wheelchair requires close attention of the wheelchair occupant as well as the attendant. This manual points out the most common procedures and techniques involved in the safe operation and maintenance of the wheelchair. It is important to practice and master these safety techniques until both occupant and attendant(s) are comfortable in maneuvering around the frequently encountered architectural barriers.

Use this information only as a “basic” guide. The techniques that are discussed on the following pages have been used successfully by many.

Individual wheelchair users often develop skills to deal with daily living activities that may differ from those described in this manual. Inspired by Drive recognizes and encourages each individual to try what works best for him/her in overcoming architectural obstacles that they may encounter, however ALL WARNINGS and CAUTIONS given in this manual MUST be followed. Techniques in this manual are a starting point for the new wheelchair occupant and attendant with “safety” as the most important consideration of all.

4.1 Stability of Wheelchair and Seating System

To ensure that the seating and base are safe to use, it is important that fitting the seat to the base does not make the base unstable during use. Each seat should be tested for stability to the relevant angle of stability for its appropriate base.

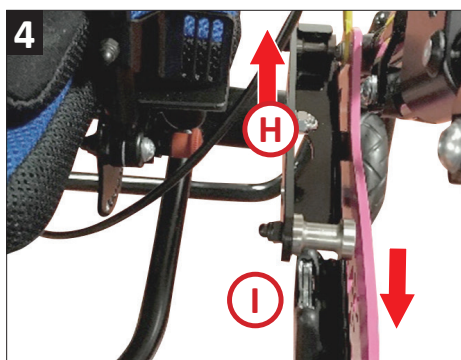
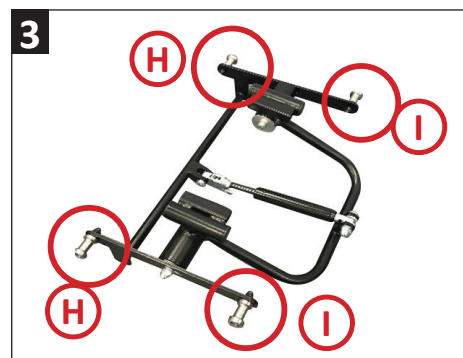
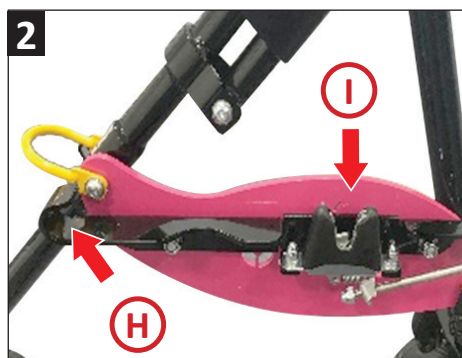
The recommended maximum angle of tilt is 12 degrees for attendant transit wheelchairs and 16 degrees for self-propelled wheelchairs as well as electric indoor and outdoor wheelchairs.

If additional devices such as Oxygen tank etc. are required, a stability and tipping tests should be performed to assess their impact on the safety of the base.

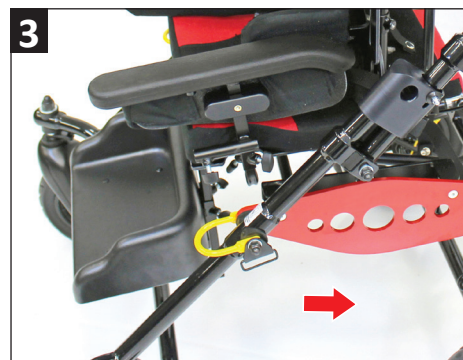
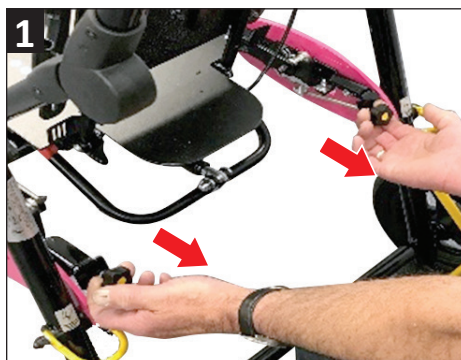
The stability test is always done with the patient seated in the system and all necessary equipment on a normal use installed. The combined patient seating system and base assembly is tested for the specified maximum angle of tilt.

5. INSTALLATION & SET UP

5.1 Installing Seating System

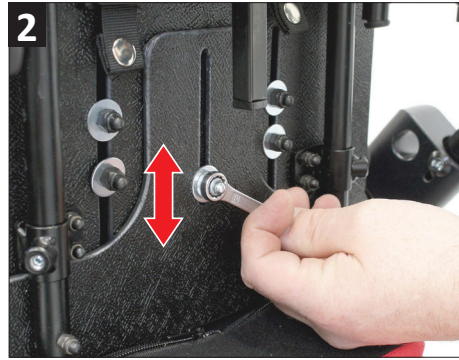


5.2 Removing Seating System

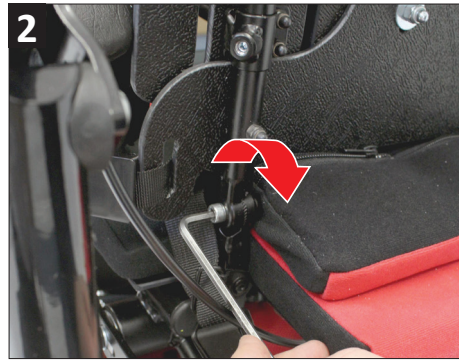
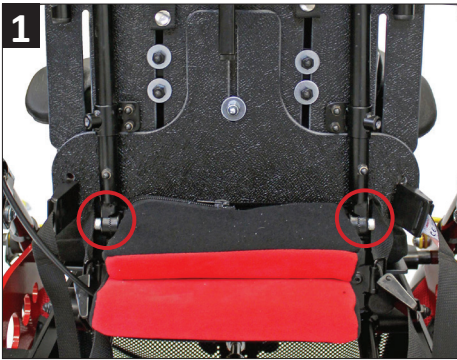


6. ADJUSTMENTS

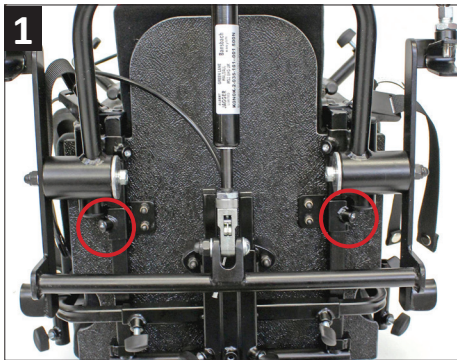
6.1 Back Height



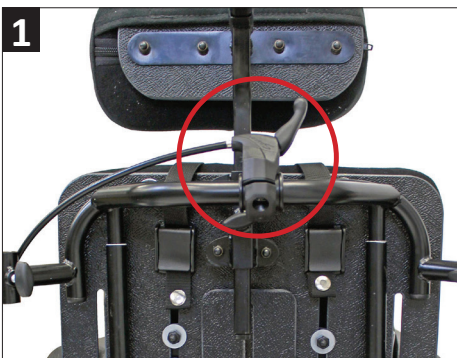
6.2 Back Recline



6.3 Seat Depth

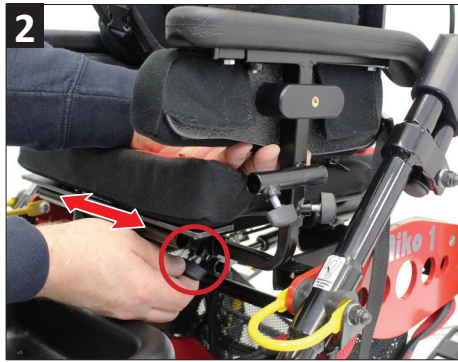
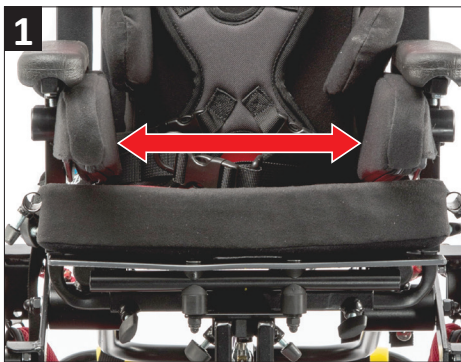


6.4 Seat Tilt

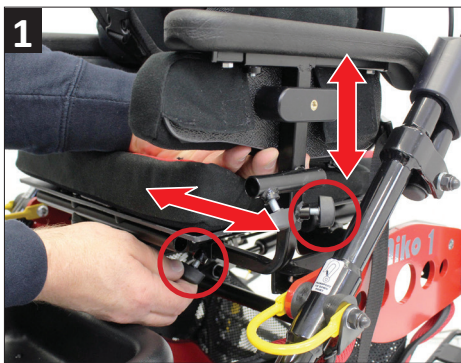


6. ADJUSTMENTS

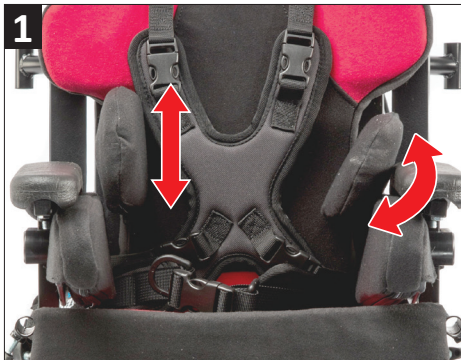
6.5 Seat Width with Hip Supports



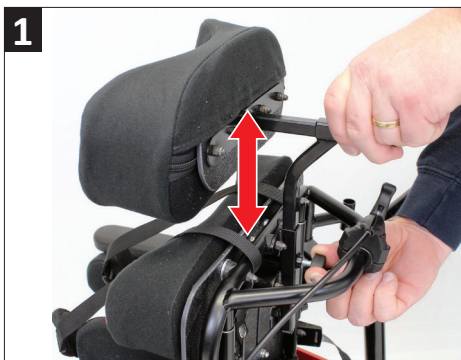
6.6 Armrests



6.7 Trunk Supports

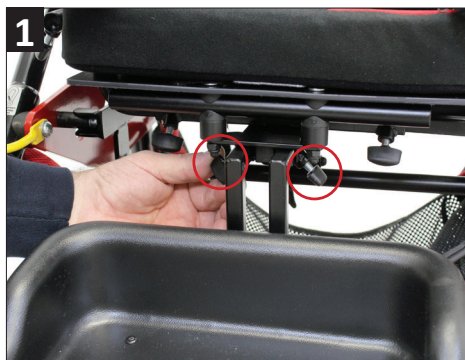


6.8 Headrest

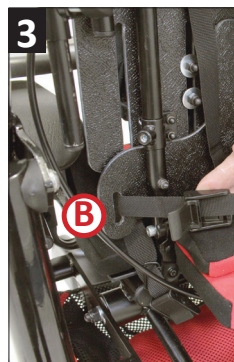


6. ADJUSTMENTS

6.9 Footrest

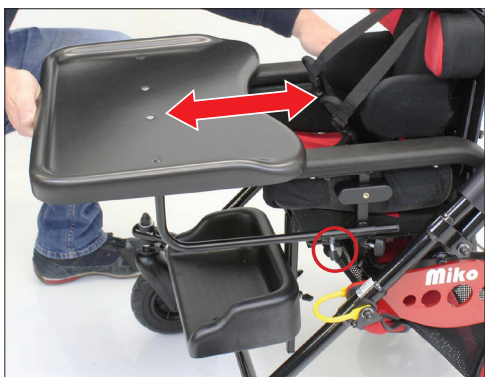


6.10 Chest Harness



7. ACCESSORIES

7.1 Upper Extremity Support (Tray)



7.2 Medial Thigh Support



7.3 Deluxe Canopy



7.4 Rain Cover



7.6 Angle Adjustable Footplate



8. MAINTENANCE

8.1 Maintenance / Inspection Checklist

Note: Take this wheelchair to a qualified technician every six months for a thorough inspection and servicing. Regular cleaning will reveal loose or worn parts and enhance the smooth operation of the wheelchair. To operate properly and safely, this wheelchair MUST be cared for just like any other vehicle. Routine maintenance will extend the life and efficiency of this wheelchair.

Functional Test

All four wheels should make contact with the floor. With the wheelchair empty, push it forward on a smooth level surface with enough momentum to travel six feet (2 m). The wheelchair should not veer to the left or right more than six inches (15 cm). Wheels should be free running and the wheel locks adjusted to adequately secure the wheelchair. Following the fold/unfold instructions, the wheelchair should fold/unfold smoothly without undue effort. All fasteners should be secure. Fasteners on moving joints should not be over tight. Seat cover should not be wide-stretched or sagging. Positioning accessories should be correctly adjusted and secure.

Safety and Inspection Checklist

Initial adjustments should be made to suit the occupant's personal body structure needs and preference. Thereafter follow these maintenance procedures:

Inspect/Adjust Initially

- ☐ Ensure seat, back and/or arm upholstery have no rips and that they're securely attached to the black ABS supports.
- ☐ Make sure that all fasteners are secure, especially after making any adjustments.
- ☐ Check that all labels are present and legible. Replace if necessary.

Maintenance and Inspection

Weekly	Weekly	Monthly	Every 3 Months
<input type="checkbox"/> Ensure all seat belt buckles click as they lock and cannot be released without pressing the release button. Replace if any belt doesn't lock properly and securely.	X		
<input type="checkbox"/> Clean the surface of cover with a mild detergent and water. Air dry.	X		
<input type="checkbox"/> Inspect seat positioning belt for any signs of wear. Ensure buckle latches. Verify hardware that attaches belt to frame is secure and undamaged. Replace if necessary.		X	
<input type="checkbox"/> Remove and wash the seat and back covers by hand or in a washing machine using a mild detergent. Air dry. Do not put in the dryer.			X
<input type="checkbox"/> Inspect for any sign of distortion, crack on the ABS support and severe wear and tear on upholstery or foam lining. If you notice any, contact your dealer immediately. DO NOT ATTEMPT TO REPAIR.		X	

8. MAINTENANCE

8.2 Cleaning

Upholstery:

- The fabric is water and stain resistant. Spillages can be easily removed by using a damp sponge or cloth and wiping dry.
- Cushion and pad covers can be removed for cleaning. Simply unzip the cover to remove the cover.
- Refer to wash label on the inside of the cover.
- **DO NOT REMOVE THE FOAM FROM THE WATERPROOF LINER OR TRY TO WASH IT. THIS FOAM WILL ABSORB WATER AND WILL LOSE ITS EFFECTIVENESS.**
- **ANY DEVIATIONS FROM THE ABOVE MAY AFFECT THE FIRE TARDENCY OF THE UPHOLSTERY.**

Harness, Pads and Belts:

- Harnesses and belts may be cleaned by applying a warm damp cloth with a mild detergent. **DO NOT USE POLISH OR BLEACH.**

8.3 Fire Retardancy

Fire retardant materials have been used in the construction of this seating system. It is important that no accelerants are introduced to the materials (e.g. hairsprays, fabric cleaners, deodorant, polish etc...), as this may adversely affect the fire retardancy of your equipment.

9. TRANSIT USE

The Flexi Seating System has been crash tested in conjunction with the Miko Mobility Base according to the ISO 7176-19:2008 Wheelchair for use as seats in motor vehicles.

Refer to Miko User Manual for transit use of the mobility base.

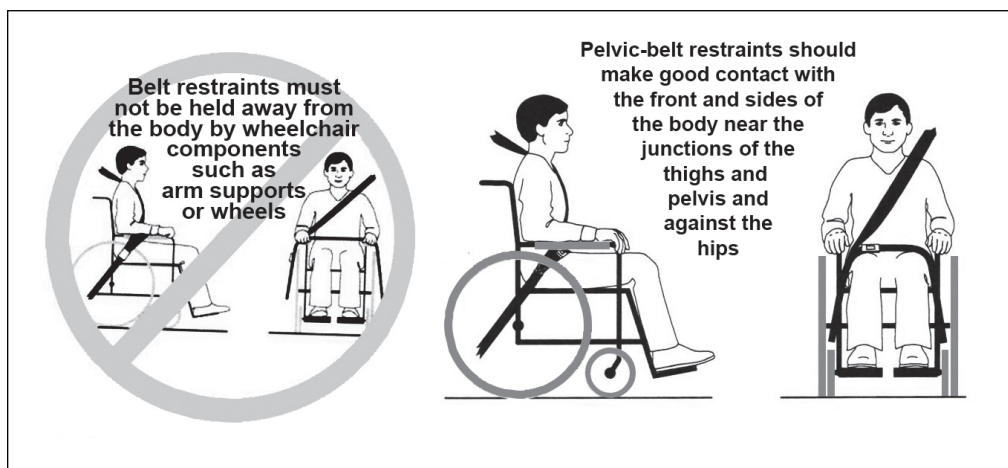
9.1 Restraining the Wheelchair Occupant

⚠ WARNING:

- All lap belts and chest harnesses supplied by Inspired by Drive ARE NOT sufficient for occupant restraint when the equipment is used on a moving vehicle and additional Occupant Restraint is required.
- Only tested and compatible Wheelchair Tie Down and Occupant Restraint System (WTORS) should be used. This can be purchased separately from:
 - Sure-Lok www.sure-lok.com Tel: 866-SURE-LOK (866-787-3565), Fax: 866-TIE-DOWN (866-843-3696).

The occupant restraint should have a clear path from the user to the anchor point and should not be held away from the body and should not be interfered with any part of the vehicle, wheelchair, seating or accessory.

A copy of SAE J2249 Wheelchair Tiedown and Occupant Restraint Systems (WTORS) for use in motor vehicles can be obtained from: SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, (877) 606-7232 or (724) 776-4970.



9. TRANSIT USE

9.2 Use of Postural Belts

The use of postural pelvic belts attached to the wheelchair is encouraged during travel. However, these belts should be positioned so that they don't interfere with the proper positioning of crashworthy belt restraints and should not be relied on for occupant protection in crash situations unless the postural belt has been designed and labeled for use in transit.

10. WARRANTY

Your Inspired by Drive branded product is warrantied to be free of defects in materials and workmanship for the lifetime of the product for the original consumer purchaser. Your device was built to exacting standards and carefully inspected prior to shipment. This Lifetime Limited Warranty is an expression of our confidence in the materials and workmanship of our products and our assurance to the consumer of years of dependable service. This warranty does not cover device failure due to owner misuse or negligence, or normal wear and tear. The warranty does not extend to non-durable components, such as rubber accessories, casters, and grips, which are subject to normal wear and need periodic replacement.

1 Year warranty on wearable parts

10.1 End Users Replacements

We sell replacement parts and all items that do not require a health assessment for the user. All items will be sold at Retail cost.

If you have a question about your Inspired by Drive device or warranty, please contact an authorized Inspired by Drive dealer.



2019 Medical Depot, Inc. All rights reserved.
Drive DeVilbiss Healthcare
99 Seaview Boulevard
Port Washington N.Y. 11050 USA
Made in USA