
3 Safety

The safety section contains important information for the safe operation and use of this product.

3.1 General Guidelines



WARNING

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 owner's manuals, service manuals or instruction sheets supplied with this product or optional equipment. If you are unable to understand the warnings, cautions or instructions, contact a healthcare professional, dealer or technical personnel before attempting to use this equipment - otherwise, injury or damage may occur.

A qualified technician MUST perform the initial set up of this wheelchair. also, a qualified technician must perform all procedures specifically indicated in the manual.



ACCESSORIES WARNINGS

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.

To obtain Invacare accessories, contact Invacare by phone or at www.invacare.com.

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3 SAFETY

Operating Information

General Warnings



WARNING

To determine and establish your particular safety limits, practice bending, reaching and transferring activities in several combinations in the presence of a qualified healthcare professional before attempting active use of the wheelchair.

Avoid storing or using the wheelchair near open flame or combustible products. Serious injury or damage to property may result.

DO NOT stand on the frame of the wheelchair.

DO NOT use the footplate as a platform. When getting in or out of the wheelchair, make sure that the footplates are in the upward position.

ALWAYS use the handrims for self-propulsion. Inasmuch as the HANDRIMS are an option on this wheelchair (you may order with or without the handrims), Invacare strongly recommends ordering the handrims as an additional safeguard for the wheelchair user.

Invacare recommends that a non-folding device be installed to keep the wheelchair from being folded when left unoccupied in a public place.

DO NOT operate on roads, streets or highways.

DO NOT allow children to play on or operate the wheelchair.

DO NOT operate on soft surfaces such as sand, grass, or gravel.

Invacare® 9000 Series Wheelchair

Part No. 1056953

Wear and Tear Items



Normal wear and tear items and components include but are not limited to: all upholstery items including seat and back upholstery, arm and calf pads, cushions, wheels, tires and casters.

Invacare reserves the right to ask for any item back that has an alleged defect in workmanship. See Warranty policy shipped with the product for specific warranty information.

Refer to User Manual for proper preventative maintenance schedule and use of the product.

This is just a general guideline and does not include items damaged due to abuse and misuse. Useful life is dependant upon many factors.

PRODUCT TYPE	PRODUCT WEAR AND TEAR PART
WHEELCHAIRS:	Wheels • Brake Assembly/Wheel Locks • Hand grips
UPHOLSTERY AND SEATING:	Arm Pads • Seat Cushion Foam • Seat Cushion Covers • Back Cushion Foam • Back Cushion Covers • Headrest Foam • Headrest Covers • Footplate Covers • Calf Pad (if applicable) Foam and Cover

Repair and Service Information



WARNING

Unless otherwise noted, all service and adjustment should be performed while the wheelchair is unoccupied.

After ANY adjustments, repair or service and BEFORE use, make sure all attaching hardware is tightened securely - otherwise injury or damage may result.

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Invacare® 9000 Series Wheelchair

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Anti-tippers



WARNING

Anti-tippers are specific to the different seat-to-floor angles and/or seat-to-floor heights. Refer to the charts in Installing/Adjusting Anti-tippers on page 64 for correct usage and adjustment. If these requirements cannot be achieved, DO NOT use the wheelchair. Contact a qualified technician. If changing the seat-to-floor height with or without a change to seat-to-floor angle, the correct anti-tippers MUST be used to maintain a 1½ to 2-inch ground clearance.

Seat-to-floor angle of 0° or 3°: If so equipped, anti-tippers MUST be attached at all times. Inasmuch as the anti-tippers are an option for 0° or 3° on this wheelchair (you may order with or without the anti-tippers), Invacare strongly recommends ordering the anti-tippers as a safeguard for the wheelchair user.

Seat-to-floor angle of 6°: If changing the seat-to-floor angle to 6°, anti-tippers MUST be installed.

Anti-tippers MUST be fully engaged and release buttons fully protruding out of adjustment holes.

Ensure both anti-tippers are adjusted to the same mounting hole.

Invacare strongly recommends that anti-tippers be used at all times.

The manual wheelchair is intended for indoor and outdoor use on firm surfaces. When outdoors on wet, soft ground or on gravel surfaces, anti-tippers may not provide the same level of protection against tip over. DO NOT operate on soft surfaces such as sand, grass or gravel.

Hand Grips



WARNING

ALWAYS check hand grips for looseness before using the wheelchair. If loose and/or worn, replace IMMEDIATELY.

When cleaning rear cane or hand grip areas use only a clean towel lightly dampened with cool water. Verify that grips are dry prior to use. Use of soap or ammonia based cleaning solutions will result in the hand grips sliding off the cane assembly. Failure to observe this warning may result in injury to the user or bystanders.

If the wheelchair is exposed to extreme temperature (above 100°F or below 32°F), high humidity and/or becomes wet, prior to use, ensure that the handgrips DO NOT twist on the handle. Otherwise, damage or injury may occur.

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Seat Positioning Straps



WARNING

ALWAYS wear your seat positioning strap. Inasmuch as the seat positioning strap is an option on this wheelchair (you may order with or without the seat positioning strap), Invacare strongly recommends ordering the seat positioning strap as an additional safeguard for the wheelchair user. The seat positioning strap is a positioning strap only. It is not designed for use as a safety device withstanding high stress loads such as auto or aircraft safety belts. If signs of wear appear, strap MUST be replaced IMMEDIATELY.

With regards to seat/chest positioning straps - it is the obligation of the DME dealer, therapists and other healthcare professionals to determine if a seat/chest positioning strap is required to ensure the safe operation of this equipment by the user. Serious injury can occur in the event of a fall from a wheelchair.

Wheel Locks



WARNING

DO NOT attempt to stop a moving wheelchair with wheel locks. Wheel locks are not brakes.

If the wheelchair is equipped with push to lock wheel locks, elevating legrests, and wheel lock extension handles, the wheel lock extension handles MUST be removed before swinging the elevating legrests to the side, otherwise injury or damage may result. Interference between the top of the elevating legrest and the wheel lock extension handle causes the wheel lock to disengage.

Engaging the wheel locks may not prevent the wheelchair from moving on all floor surfaces including those that may be wet or slick. ALWAYS exercise caution when transferring into or out of the wheelchair.

Invacare® 9000 Series Wheelchair

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Wheelchair Tie Down Restraints**WARNING**

Wheelchair users should NOT be transported in vehicles of any kind while in wheelchairs. As of this date, the Department of Transportation has not approved any tie-down systems for transportation of a user while in a wheelchair, in a moving vehicle of any type.

It is Invacare's position that users of wheelchairs should be transferred into appropriate seating in vehicles for transportation and use be made of the restraints made available by the auto industry. Invacare cannot and does not recommend any wheelchair transportation systems.

Tire Pressure**WARNING**

DO NOT use your wheelchair unless it has the proper tire pressure (p.s.i.). DO NOT overinflate the tires. Failure to follow these suggestions may cause the tire to explode and cause bodily harm. The recommended tire pressure is listed on the side wall of the tire.

Lifting**WARNING**

DO NOT attempt to lift the wheelchair by any removable (detachable) parts. Lifting by means of any removable (detachable) parts of the wheelchair may result in injury to the user or damage to the wheelchair.

9000 XT RECLINER ONLY - DO NOT use the spreader bar to lift the wheelchair. Refer to [Storing/Replacing Spreader Bar](#) on page 77.

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Invacare® 9000 Series Wheelchair

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Weight Limitation**WARNING**

The 9000 SL, 9000 XT, and 9000XT Recliner wheelchairs have a weight limitation of 250 lbs (114 kg). The 9000XDT wheelchair has a weight limitation of 350 lbs (159 kg).

Weight Training**WARNING**

Invacare does not recommend the use of its wheelchairs as a weight training apparatus. Invacare wheelchairs have not been designed or tested as a seat for any kind of weight training. If occupant uses said wheelchair as a weight training apparatus, Invacare shall not be liable for bodily injury or damage to the wheelchair and the warranty is void.

Storage**WARNING****Risk of Serious Injury or Damage**

Storing or using the wheelchair near open flame or combustible products can result in serious injury or damage.

Avoid storing or using the wheelchair near open flame or combustible products.

Storing the wheelchair in a damp area or when wet may cause rust or corrosion of wheelchair parts resulting in injury or damage.

DO NOT use the wheelchair in a shower, pool or other body of water.

DO NOT store the wheelchair in a damp or humid area.

Avoid extreme weather such as rain or snow when possible.

Avoid excessive moisture or humidity.

If exposed to water, dry the wheelchair as soon as possible.

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Stability (Recliner Models Only)



WARNING

ALWAYS make sure that the wheelchair is stable before using the recliner option.

Ensure the spreader bar is attached and secured before using the 9000XT Recliner.

ALWAYS return the back to the upright position before lifting the wheelchair.

LIFT KIT MODELS ONLY - Both spring lift mechanisms MUST be operational before using the recliner. DO NOT operate the recliner option if only one of the spring lift mechanisms is operational.

LIFT KIT MODELS ONLY - DO NOT attempt to recline or incline the wheelchair back without occupant. Back will raise abruptly and cause injury. Keep clear when reclining or inclining chair back to avoid injury.

Ramps, Slopes, Inclines, and Obstacles



WARNING

DO NOT traverse, climb or go down ramps or slopes greater than 9°.

DO NOT attempt to move up or down an incline with a water, ice or oil film.

DO NOT attempt to ride over curbs or obstacles. Doing so may cause your wheelchair to tip over and cause bodily harm to you or damage to the wheelchair.

NEVER leave an unoccupied wheelchair on an incline.

DO NOT attempt to stop the wheelchair while on a sloped surface.

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Information for Healthcare Professionals/Assistants



WARNING

When assistance to the wheelchair user is required, remember to use good body mechanics. Keep your back straight and bend your knees whenever tipping the wheelchair or traversing curbs, or other impediments.

Make sure the patient is properly positioned in the wheelchair before reclining or inclining (reverse recline) to maintain maximum stability and safety. Refer to [Safety/Handling of Wheelchairs](#) on page 25.

Make sure occupant's hands and body are clear of all pinch points before reclining back. Pinch points exist between spreader bar and recliner mechanism. Use caution, otherwise injury may occur.

ALWAYS engage both wheel locks while reclining or inclining (reverse recline) the wheelchair.

When returning the occupant of the reclining back wheelchair to the full upright position, more body strength will be required for approximately the last twenty degrees of incline (reverse recline). Make sure to use proper body mechanics (use your legs) or seek assistance if necessary to avoid injury.

DO NOT attempt to recline or incline the wheelchair back without occupant. Back will raise abruptly and cause injury. Keep clear when reclining or inclining chair back to avoid injury.

When learning a new assistance technique, have an experienced assistant help you before attempting it alone.

Wheelchair User



WARNING

As a manufacturer of wheelchairs, Invacare endeavors to supply a wide variety of wheelchairs to meet many needs of the end user. However, final selection of the type of wheelchair to be used by an individual rests solely with the user and his/her healthcare professional capable of making such a selection.

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