



WOLTURNUS



USER'S MANUAL FOR AMASIS



Wolturnus A/S recommends that you read this manual before using the wheelchair.

User's manual

1 Introduction	8
1.1 Foreword	8
1.2. Intended Use	8
1.3 Usage.....	9
1.4 Service.....	9
1.5 CE Compliance.....	10
1.6 Liability	10
1.7 Returns	10
2 Safety	12
2.1 Symbols	12
2.2 Standards and Directives.....	12
2.3 General Safety Instructions	13
2.4 Safety Requirements for Transport, Assembly and Storage	13
2.5 Safety Requirements in Usage.....	13
2.6 User requirements.....	14
2.7 Type Labels	16
3 Product Description	18
4 Delivery and Preparations before Usage	20
4.1 Delivery	20
4.2 Preparation before Usage	20
5 Transport and Storage	21
5.1 Transport	22
5.2 Transfer	22
6 Adjustments and Setup	24
6.1 Adjustable Features.....	24
6.2 Tools	24
6.3 Adjustment of the Back Angle	26

7 Accessories and Equipment	30
7.1 Front bumper.....	30
7.2 Wireless computer.....	30
7.3 Bottle cage.....	30
7.4 Neck support	30
7.5 Cushion for seat.....	30
7.6 Flag	30
7.7 Safety belt.....	31
7.8 Mirror	31
8 Cleaning and Maintenance	34
8.1 Maintenance	34
8.2 Cleaning and Disinfection	35
8.3 Changing a Tire.....	36
9 Troubleshooting	38
10 Technical Specifications	40
11 Instructions for Reuse	42
11.1 Instructions for Reuse.....	42
11.2 Disposal	42
12 Environment	43
13 Manufacturer and Service Locations	44

1 Introduction

1.1 Foreword

This user's manual provides users and helpers with essential information about the design, functions, use and maintenance of the Wolturnus Racerwheelchair, for children and adults. The manual contains the information necessary to ensure safe use of any of these wheelchairs. It contains troubleshooting information with solutions (where/if applicable). The wheelchairs are all easy-propulsion active sport wheelchairs made with high-strength aluminum. The wheelchairs design make for an easy to use and operate wheelchairs, which can be worked independently. The wheelchairs are ideal for users who want to have an active life, outdoors on and off roads (depending on the model and its wheels).

The instructions in this manual are essential for safe and correct use of the wheelchair. Before using the wheelchair, read these instructions carefully - pay special attention to the safety instructions. Furthermore, The information provided ensures that the user gets the optimum advantage of the wheelchairs features and functions. Keep this user's manual throughout the lifetime of the wheelchair: it contains information for future questions and it contains guidelines for adjusting and adapting the wheelchair.

This user's manual has been produced in accordance with DS EN82079-1 'Preparation of instructions for use - Structuring, content and presentation'. It is divided into sections. The heading on each page contains the title of the overall section. The footer of each page displays the page number, year, and site of origin of the user's manual. It also includes the wheelchair's model.

1.2. Intended Use

The Wolturnus wheelchairs are designed for individual mobility outdoors. It is only suitable for persons who are unable to walk or have a mobility problem. Only equipment specified in this user's manual may be used with the wheelchairs, and vice versa.

Wolturnus A/S does not guarantee this product if it is used with accessories or products from manufacturers other than those specified as part of the modular system.

Use of the wheelchairs for any purpose other than the aforementioned will be considered incorrect. In the event of incorrect use, the user - i.e. not the manufacturer - is liable for resulting damage to persons or property.

These wheelchairs may only be used by experienced users. For personal protection and in order to ensure that the wheelchairs are used safely and correctly, it is a requirement that the user and helpers receive training and instructions prior to use of the wheelchairs.

To ensure that the wheelchairs are used correctly it has to be operated exclusively as described in this user's manual. The user bears final responsibility for accident-free use.

WARNING!

Risk of injury with incorrect use

To avoid the risk of fingers getting caught in the wheel spokes or wheel locks, and to avoid the risk of the chair tipping, children should not play with the wheelchair.

1.3 Usage

The wheelchairs are of modular design and versatility makes it suitable for users who have difficulties walking or who have a mobility handicap as a result of:

- Paralysis
- Loss of limbs (leg amputation)
- Limb defects or deformities
- Damaged or defective limbs
- Other illnesses

When adapting the wheelchair for the user, the following should be taken into account:

- Body, height and weight (max. load 120 kg.)
- Physical and mental constitution
- Age
- Residential circumstances
- Surroundings

1.4 Service

INFORMATION

Service and repairs to the wheelchair must only be carried out by authorised personnel trained by Wolturnus A/S. In the event of problems, please contact the dealer that you bought the wheelchair from.

In the event of questions or problems that cannot be solved using this user's manual, please contact Wolturnus A/S customer service at (+45) 9671 7170.

Wolturnus A/S strives to provide full assistance to its customers in every respect. For Wolturnus A/S contact information and a list of service locations - go to section 13 in this manual.

If the wheelchair has to be returned for repairs we offer to loan you a temporary wheelchair. For further information, please contact Wolturnus A/S.

1.5 CE Compliance

The wheelchairs meet the requirements of the European Commission Directive 93/42/EEC for medical devices. The product is classified as a Class 1 on the basis of the classification criteria for medical devices in accordance with section IX of the directive. It follows that Wolturnus A/S has therefore, as manufacturer with sole liability, made a declaration of conformity in accordance with appendix VII of the directive.

1.6 Liability

Wolturnus A/S' warranty only applies if the product is used in accordance with the specified circumstances, purpose and instructions. The frame is covered by a 5-year warranty. Other parts manufactured by Wolturnus are covered by a 2-year warranty. Parts that are designed and manufactured by a third-party manufacturer and mounted on a Wolturnus wheelchair are covered by a Wolturnus A/S warranty that is equal to the warranty provided to Wolturnus A/S by the third-party manufacturer.

Wolturnus A/S is not liable for injury or damage caused by:

- Components and parts that are not authorised by Wolturnus A/S.
- Alteration to the original surface treatment.
- Repairs or alterations to the wheelchair that are not carried out by Wolturnus A/S. All warranty repairs has to be carried out by Wolturnus A/S.
- Incorrect use of the wheelchair (e.g. playing basketball or rugby), or loads that exceed the construction or specified maximum for the wheelchair (in accordance with directive 93/42/EEC for medical devices).
- Circumstances in which the wheelchair is used by any party other than the original owner/user.
- Circumstances involving bad weather or dangerous situations, or in general all types of predictable negligence.
- Lack of maintenance.
- Cleaning with agents that contain acid or alkaline products, with high-pressure equipment or similar.

To keep updated about this product e.g. regarding new features, safety notice, product recalls check www.wolturnus.dk. Contact information and overview concerning all of Wolturnus's products are available at the website - or by contacting Wolturnus A/S customer service at (+45) 9671 7170.

1.7 Returns

In the event that the wheelchair has to be returned to the supplier or to Wolturnus A/S, e.g. for repairs, it must be transported in its original packaging for optimum protection. It follows that Wolturnus A/S recommends that the original packaging is retained throughout the lifetime of the wheelchair.

2 Safety

2.1 Symbols

WARNING!

Warning concerning danger of serious accident or injury

CAUTION!

Warning concerning danger of accident or injury

NOTICE

Warning concerning danger of technical damage

INFORMATION

Operational and service information

2.2 Standards and Directives

All safety information in this user's manual is based on applicable national laws and regulations in the EU. For other countries, a declaration of conformity with applicable laws and national regulations is required.

In addition to the safety instructions contained in this user's manual, the user must be familiar with and must comply with applicable regulations from professional associations, concerning accident prevention and regarding environmental protection. All information contained in this user's manual must be complied at all times without limitations. The wheelchairs are constructed in accordance with applicable regulations. The wheelchairs safety level is approved by CE certification and a declaration of conformity.

2.3 General Safety Instructions

- The wheelchair may tip over.
- The wheelchair must only be used according to instruction in this manual.
- The wheelchair must only be used by trained users and must not be used by any other person than the user.
- The wheelchair must only be used to transport one person at a time.
- All safety instructions in this user's manual and all other relevant documentation must be kept and complied with throughout the lifetime of the wheelchair. The user's manual must always be available to the user.
- The back and seat upholstery is fire-resistant, but can be ignited. Therefore extreme care must be taken when in vicinity of flammable items and fire i.e. lit cigarettes.
- To avoid discomfort when using the wheelchair, damaged back or seat upholstery should be replaced as soon as possible.
- Do not force the wheelchair over obstacles when using it on slopes.
- The wheelchair must not be used on stairs.
- Avoid getting in or out of the wheelchair while on slopes.
- Do not park on slopes that exceed 7°, even when the brake pads are activated.

2.4 Safety Requirements for Transport, Assembly and Storage

- Only suitable lifting mechanisms must be used when transporting the wheelchair.
- When adjusting and adapting the wheelchair, all attachment features - such as screws and nuts - must be fastened according to the instructions in this manual.
- The wheelchair is not intended to be used as a seat when in a motor vehicle.

2.5 Safety Requirements in Usage

- The user and helpers must always ensure that the wheelchair and its safety features are in a proper and safe condition before using the wheelchair.
- The wheelchair must be inspected by a Wolturnus-authorized specialist at least once a year in order to ensure that the wheelchair is in proper working order and safe to use.
- The wheelchair must immediately cease to be used if any feature is defective or not operational or if any other circumstance arises which could lead to injury.
- Before starting to use the wheelchair, all mechanical adjustments (positioning the seat, accessories, etc.) must be carried out in accordance with the user's individual preferences, prerequisites and abilities. These adjustments may only be carried out by specialists authorized by Wolturnus.
- 120 kg is the maximum load for the wheelchair. It must not be exceeded.
- The wheelchair tires must be inspected visually before use to ensure that there is sufficient tread depth and correct tire pressure. The correct pressure is printed on the tire.









- When used on public roads, the user must obey applicable traffic rules.
- The wheelchair should not be used on slippery surfaces (e.g. ice) or on very rough terrain (e.g. on gravel or small stones).
- When getting in and out of the wheelchair, the user's full weight should not be placed on the steering wheel. These cannot bear full body weight.
- Change direction at reduced speed only.
- The wheelchair must only be lifted by gripping the frame parts. Do not grip the steering components or gears to lift the wheelchair.
- The wheelchair must not be exposed to extreme temperatures, to high humidity or to environments with chlorine (e.g. in saunas or at swimming pools).
- The wheelchair's surface temperature can raise if it is exposed to extreme heat, e.g. in strong sunlight for an extended period of time. There is also a risk of very low surface temperature in the event of extremely cold weather.
- Never place fingers between the wheel spokes or between the rear wheel and the wheel locks. Caution is advised when travelling through narrow passages.

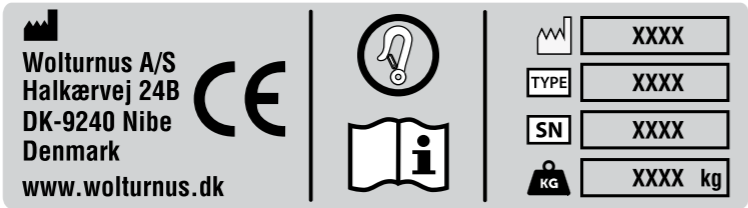
2.6 User requirements

- Before starting to use the wheelchair, the user and any helpers must read the user's manual thoroughly and be familiar with its contents.
- The wheelchair must only be used by trained users. To ensure this, the user and any helpers has to receive instruction in use of the chair from Wolturnus-authorized specialists.

2.7 Type Labels

A type label is attached to the wheelchair. The type label includes the following information:

	Manufacturer and production site
	The wheelchairs year of production
	The Model or the type name of wheelchair
	The serial number of the wheelchair
	The maximum allowed weight of the user
	The wheelchair is not intended to be used as a seat in a motor vehicle
	The wheelchair is intended to be used as seat in a motor vehicle
	Read the user's manual before using the wheelchair



The type label is placed on the cross tube under the seat facing forward as shown on Fig. 1

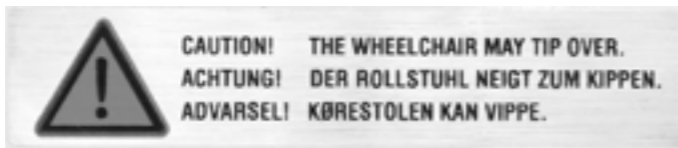


Fig. 1 Location of the Type Label

3 Product Description

Amasis is the ultimate bid for maximum transfer of the athlete's forces. In athletics as well as in long distance races, Amasis racing chair since 2004 has won many victories for the Paralympic physician and beat world records.

Amasis has a frame in tempered 7020 lightweight aluminum. With its extra-thick frame, the racing wheelchair becomes rigid and robust, thus transferring all the athlete's forces to energy and propulsion.

Amasis is tailored to the individual user's needs and wishes. Wolturnus offers several upgrade options, which will be mentioned in section 7. Accessories and Equipment.



Fig. 2 Handwheelchairs

4 Delivery and Preparations before Usage

4.1 Delivery

The delivery covers:

- The wheelchair with main components
- The user's manual
- Selected accessories (Accessories range. Go to section 7 in this manual)

INFORMATION

The range of accessories are determined by the product configuration that the user chooses when ordering the wheelchair.

WARNING!

The wheelchair may tip over during corners.

Wolturnus A/S delivers the wheelchair ready for use. All configurations that are part of the order have been made or will be set up upon delivery by the supplier or a consultant. The wheelchair is adapted to meet the user's personal preferences and requirements.

The wheelchair's functions can be tested by following the instructions in section 6 in this manual.

Troubleshooting: see section 9.

4.2 Preparation before Usage

Before starting to use the wheelchair, it must be inspected to ensure that it is complete (Fig. 3) and that all functions and features are in proper working order. Wolturnus A/S delivers the wheelchair ready for use.

Main Components (Image 3):

1. Front wheel
2. Front fork
3. Brake handle
4. Steering handle
5. Cage/Seat
6. Strap mount
7. Brake

8. Compensator
9. Track control steering handle
10. Pushrim
11. Rear wheel

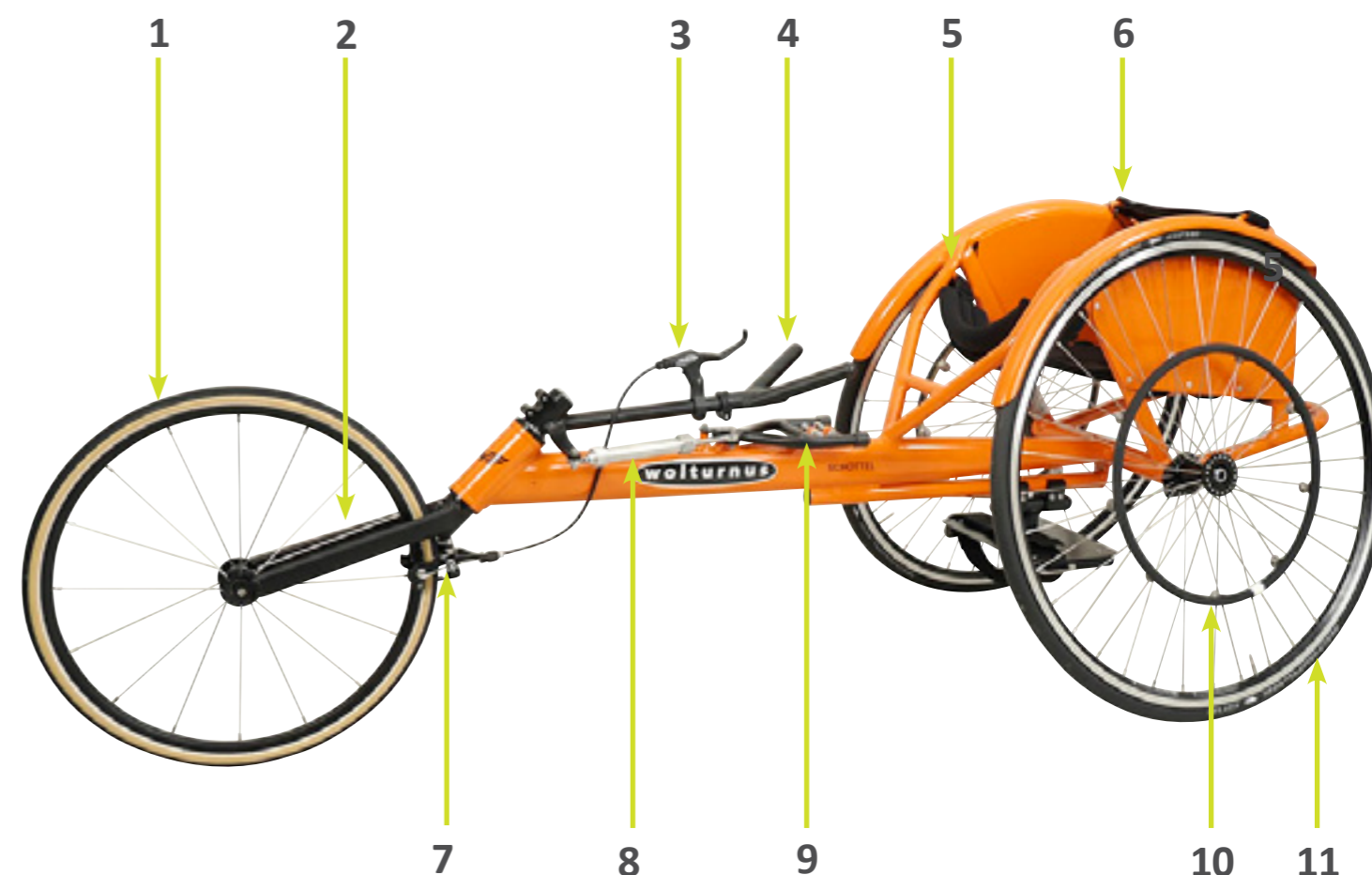


Fig. 3 Main Components

5 Transport and Storage

5.1 Transport and storage

For transport or storage, the rear wheels can be removed. This makes it easy to handle and saves space. While in storage keep the wheelchair in a clean and dry environment.

5.2 Transfer

The method of transfer between chair and wheelchair is individually selected reflecting the preferences of the user. The most common method is transferring from the side.

The following description is based on transfer without third-party help and from one wheelchair to the wheelchair.

Getting into the wheelchair (Fig. 8-9)

- Park the wheelchair next to the racechair in a slight angle.
- Tip one leg over and into the cage, while keeping your balance. Use the two wheelchair frames as support for the transfer.
- slowly drop down into the wheelchair cage.

Getting out of the wheelchair (Fig. 8-9)

- Park the wheelchair next to the race wheelchair, with the wheelchairs front towards the side of the race wheelchair.
- Lift your body over the side of the race wheelchair, and slowly drop down into the wheelchair.
- Pull your legs out of the race wheelchair, and place them on the footrest of the wheelchair.

CAUTION!

Risk of damage due to overload.

When getting in and out of the chair, the user must neither place full body weight on the footrest nor the armrests.

CAUTION!

The wheel locks must be applied during transfer.

6 Adjustments and Setup

6.1 Adjustable Features

CAUTION!

Risk of accident due to loose screws

After loosening any threaded screws, they must be replaced with new screws or secured once more with a medium-strength thread paste (e.g. EuroLock A24.20). After making adjustments to the wheelchair, all screws and all nuts must be tightened correctly.

The wheelchair can be adjusted in various ways.

When delivered, the height, width and angle of the seat and the back have been positioned in accordance with the customer's order as received by Wolturnus A/S.

The Following is Adjustable By the User:

- The back height, depth and angle
- The seat height, depth and angle
- The footrest's height and angle
- The height of the anti-tip device
- The wheel lock position

6.2 Tools

The following tools (Image 16) are necessary for adjustments and settings described in this section:

- A 4 mm Allen key
- A 5 mm Allen key
- 8 mm Allen key
- A 10 mm single-head wrench
- A 13 mm single-head wrench
- A torque wrench
- A measuring tape, a foot rule or a ruler
- A bubble level



Image 4 Tools

NOTICE

Damaged tools or incorrect use of tools can result in injury or in damage to the chair.

6.3 Adjustment of the Back and Seat

The seat and back consist of straps, these straps and be tighten or loosened to personal preferences, to ensure comfort for the user as well as optimal power output of the chair. After changing the settings make sure to have an assistant close while trying out the chair, as the balancepoint can be changed as well, and therefore the risk of tipping back is increased. 6.3

WARNING!

During strap adjustment of the seat and/or back upholstery, the wheelchair's point of gravity may have shifted, which may create a risk of backward tipping. Therefore, after adjusting the back, check the point of gravity and. If necessary, adjust it before using the chair. (See section 6.10).

WARNING!

Ensure that the back angle is adjusted equally on both sides and that, after adjustment, the back locks correctly into place.

CAUTION!

For safety reasons, the wheelchair is delivered with the rear axle placed far back. New users should not adjust this until they are experienced in using the chair.

WARNING!

When the seat and/or the back upholstery straps have been adjusted, the wheelchair's point of gravity may have shifted, which may create a risk of backward tipping. Therefore, after adjusting the seat and/or the back upholstery, check the point of gravity and, if necessary, adjust it before using the chair. (See section 6.10).

6.4 Adjustment of the Track Control Steering Handle

The track control handle can be dismounted and placed either on top or on the bottom of the frame. The track control handle can be adjusted by doing following.

- Adjust the one springbolt for strait, making it so that when the handle it pushed in, the chair will go strait.
- Adjust the second bolt to the needed angle, so that when it is pushed out, it will force the biek to make the turn with the need angle.

6.5 Set-up of Pushrim on Spokes

When mounting the pushrim on the spokes, make sure to mount the screws behind the spokes, to make sure the pushrims aren't pushed of the spokes.

7 Accessories and Equipment

A wide range of accessories and equipment are available for Wolturnus active wheelchairs. The most popular accessories are described in this section. To see the full range of accessories and order information go to www.wolturnus.com.

7.1 Wheels

The Amasis race wheelchair have a few wheel options, such as spoke- or carbon wheels. The wheels can also be either bolted or clamp fastened, according to the user's wishes. For more options and information go to Wolturnus' A/S webpage www.wolturnus.dk.

7.2 Footrest

The Amasis race wheelchair come either with or without footrest, depending on the needs and wishes of the user.

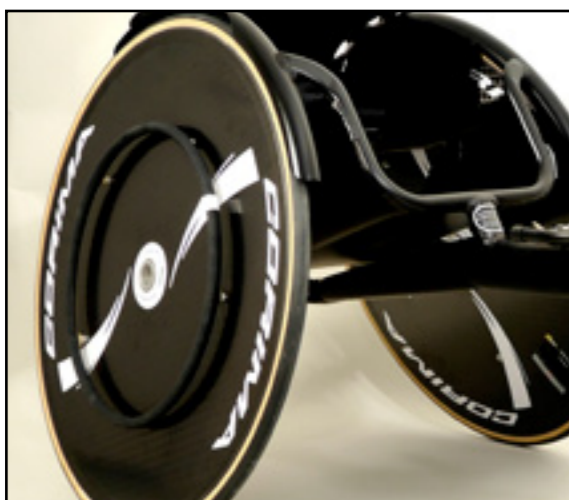


Fig. 5 Wheels



Fig. 6 Footrest

8 Cleaning and Maintenance

8.1 Maintenance

Each time the wheelchair is used, operational parts, and particularly wheel locks, should be checked to ensure that they are in proper working order. After being loosened 2-3 times when making adjustments or changing parts, self-locking nuts should be replaced.

The following table gives an overview of how to maintain the wheelchair.

Component	Functions and Inspection	daily	month	1/4 year
Tires	Tires visibly pumped	X		
	Tires undamaged	X		
	Test/adjust tire pressure (see side of tire)		X	
	Check thread depth (min. 1 mm)		X	
Rear wheel	Directional stability during use	X		
	Wheels rotate freely without misalignment		X	
	Nuts on rear wheel mounting bracket are tight		X	
Front wheel	No front fork obstruction		X	
	Wheels rotate freely without misalignment		X	
	Axle bolts correctly tightened		X	
	Cap bolts correctly tightened		X	
Footrest	All locking mechanisms are in working order		X	
	No obstructions or damage		X	
Upholstery	No damage or wear to upholstery		X	
	Securing straps function		X	
	Seat and back upholstery correctly positioned		X	
Wheel brakes	Wheel brakes in working order	X		
	Correct pressure on wheel		X	
Screws	All nuts and screws are tightened			X

In the event of faults or missing parts, contact the supplier or Woltornus A/S. Contact information, go to section 13.

Woltornus A/S recommends that the wheelchair is serviced at least once a year by the supplier or Woltornus A/S.

8.2 Cleaning and Disinfection

The wheelchair should be cleaned regularly according to how often it is used and how dirty it is.

Clean the frame, plastic parts and wheels with a mild cleaning agent. After cleaning, dry all parts with a dry cloth.

Clean cushions and upholstery with warm water and washing-up liquid. Remove stains with a sponge or a soft brush. Rinse afterwards with clean water and allow the parts to dry before mounting and using.

To disinfect, use water-based agents and follow the manufacturer's instructions.

NOTICE

The wheelchair must not be used in salt water. Avoid getting salt, sand and other dirt that can cause damage to the wheel bearings, the caster mounting bracket or the rear wheels. Should this occur, the bearings must be replaced.

NOTICE

Do not use corrosive cleaning agents, solvents or hard brushes.

NOTICE

Do not wet-wash. Do not use high-pressure equipment or a water jet. The wheelchair components must not be put in a washing machine.

NOTICE

Clean the seat and back upholstery, cushions, handles and armrest before disinfecting.

8.3 Changing a Tire

If a tire is punctured, the user or a helper may be able to change it without assistance. The procedure requires having strong hands, practical ability and suitable tools. It is advisable to have a puncture repair kit and an air pump for emergencies (excluding situations with puncture proof tires). Suitable air pumps, puncture repair kits or puncture sprays that fill the tire with expanding foam can be purchased at most bicycle shops.

Removing tires and tubes

- Gently pull the tire edge over the edge of the rim with a tire lever (or two, if it is sitting very tightly). Take care not to damage the rim or the tube (Image 61).
- Screw off the valve nut and pull the valve out from the rim and the rim tape.
- Pull out the tube from between the tire and the rim (Image 62).

Repair and check-ups

- Repair the tube according to the instructions in the repair kit or replace it with a new tube.
- Before remounting the tire and tube, make sure that no foreign objects that may have caused the puncture are caught in the rim or tire.
- Ensure that the rim tape is intact. It protects the tube against damage from the spokes.
- Push the tube into place between the tire and the rim.

Mounting tires

- Gently pull the clear tire edge over the edge of the rim. Starting with the valve.
- Check that there are no twists at all in the tube, otherwise air can get out.
- Work the whole way around until the last section of the tire edge is taut and can be edged into place with one or two levers.

Pumping tires

- Check on both sides that the tube is not caught between the tire edge and rim.
- Push the valve lightly in and pull it out again to make sure that it is not caught on the tire edge.
- Fill the tire with air to the point where it is still possible to press it in with a thumb. If the control lines on both sides of the tire indicate the same distance to the rim edge, the tire is centred. If the tire is not centred, let some air out and adjust the tire until it is centred. Now pump up the tire to its maximum working pressure (see the side of tire) or at least 3.5 bars (350 kPa). Then screw the dust cap on, tightly.

CAUTION!

Ensure that the tires have the correct pressure before using the chair. The maximum air pressure limit is marked on the side of the tire. It must always be on a minimum of 3.5 bars (350 kPa) on the rear wheels. Like push wheel locks, the knee-lever wheel locks are only effective when the air pressure is sufficiently high and when they are correctly positioned. (When locked, the brake pad should push the tire in 5mm (allowing for technical alterations)).



Image 61 Pull the tire edge over the rim



Image 62 Pull out the tube

INFORMATION

NB: Pneumatic tires give a good driving experience. Solid tires can be used in work situations where risks of punctures due to grit or other objects might occur.

9 Troubleshooting

During routine maintenance, it may be necessary to make adjustments or repair faults. In most cases, the solution to the problem can be found on the following list:

Problem	Solution	Reference
The caster makes noise or is resistant	Check if there is dirt between the fork and caster or dirt in the fork ball-bearings. Clean off the dirt and tighten the screws. If they do not roll freely, change the ball-bearings.	Section 6.17 Section 6.18
The front fork shakes	Loosen and remove the bearing housing cap. Then tighten the nut to a degree where the front fork with wheel can still rotate easily. Make sure that the caster is vertical.	Section 6.18
The rear wheel makes a loud clicking noise	Check and tighten the spokes and the push rim mounting screws. Only to be done by professionals! Check that nothing is pushing against the rear wheel or the rear wheel's spokes.	
Rear wheel resistance	Check if the rear wheel is misaligned. Check tire pressure Check if, for example, the side panel or another part is pushing against the rear wheel. Check if the rear wheel bearings are worn down and need replacement.	
Loud clicking noise	Check and tighten the screws in the rear wheel and caster mounting brackets	Section 6.17 Section 6.18
The footrest is lopsided	Check that the foot plate is horizontal and adjust the footrest height.	Section 6.10-12
The wheel locks do not work properly	Check that both wheel locks are correctly positioned. Inspect the rear wheel tires for wear and tear, and for faulty tire pressure.	Section 6.14 Section 8.3

If the problem cannot be solved with the aid of the troubleshooting section, contact the supplier or Wolturnus A/S. Contact information, go to section 13.

10 Technical Specifications

The technical data can be found in the orderform.

11 Instructions for Reuse

11.1 Instructions for Reuse

The wheelchairs are suitable for reuse by a subsequent new owner. It is essential that the wheelchair's measurements and equipment are tailored to suit the new user. It follows that it is important to ensure that the wheelchair's functions and features have not been altered to a degree that could create a safety risk for the new user or any third parties during the lifetime of the chair.

Based on market studies and on its knowledge of contemporary technology, Wolturnus A/S has calculated that the wheelchair, when used, serviced and maintained in accordance with the original instructions, has a lifetime of 5 years (excluding time kept in storage by an authorised dealership or the user). Note that with careful care and proper use, the wheelchair can be used for a longer period than the defined lifetime.

Prior to reuse, the wheelchair must be carefully cleaned and disinfected. Then the product must be inspected by an authorised specialist to assess its condition, wear and tear, and damage. All worn or damaged parts and components that do not suit or are not designed for the new user must be replaced. This user's manual includes a service plan (see maintenance chart section 8) and detailed information about the wheelchair.

11.2 Disposal

If the wheelchair is delivered in a brown cardboard box, that can be handed into to recycling centres or cardboard collection points. The protective bubble wrap on the frame must be disposed of as combustible waste. The aluminum frame must be disposed of as metal. The upholstery and side panels must be disposed of as combustible waste.

12 Environment

Wolturnus A/S strives to respect the environment as far as possible. An assessment has been done to determine the wheelchairs effect on the environment during its life cycle. During development, materials and forms are chosen that minimise waste of energy and material during production.

Wolturnus A/S has a unique approach to individual user's measurement and to the subsequent special design of the chair to meet the user's needs, preferences and requirements. Combined with the wheelchair's mechanical quality, this ensures that the user can use the wheelchair for many years. The wheelchair lifetime is calculated to be approximately 5 years if maintained according to the instructions in this user's manual. The long lifetime limits the wheelchair's effect on the environment.

Furthermore, meticulous quality control throughout the production process ensures that faults are rare, which limits the need to use superfluous resources on repairs or replacement products.

Generally, all functions, working processes and labor at Wolturnus A/S are carried out with respect for the environment. Aluminum residue after the production process is collected in containers and delivered for recycling. During the mounting process, the usage of hazardous agents is kept to a minimum. Furthermore all work processes meet occupational safety requirements (APV). The usage of all materials is continually optimized to ensure minimum waste.

13 Manufacturer and Service Locations

Service Locations

Visit the following pages to find authorised distributors representing Wolturnus A/S in other countries: <http://wolturnus.dk/en/partners/> & <http://wolturnus.dk/de/berater/>

After-sales spare parts are available for all Wolturnus wheelchairs.

In Denmark, authorised sales consultants throughout the country are in direct contact with Wolturnus A/S about spare parts, service and repairs.

Manufacturer

Wolturnus A/S

Halkærvej 24B

Bislev

DK-9240 Nibe

Danmark

Tel: +45 9671 7170

Fax: +45 9671 7180

Email: info@wolturnus.dk

Website: www.wolturnus.com



WOLTURNUS

Kundeservice/Customer Service

Wolturnus A/S
Skalhuse 31
9240 Nibe

Telefon: +45 96 71 71 70
www.wolturnus.com
Mail: info@wolturnus.dk

Produktion/Production

Wolturnus A/S
Halkjærvej 24B
9240 Nibe