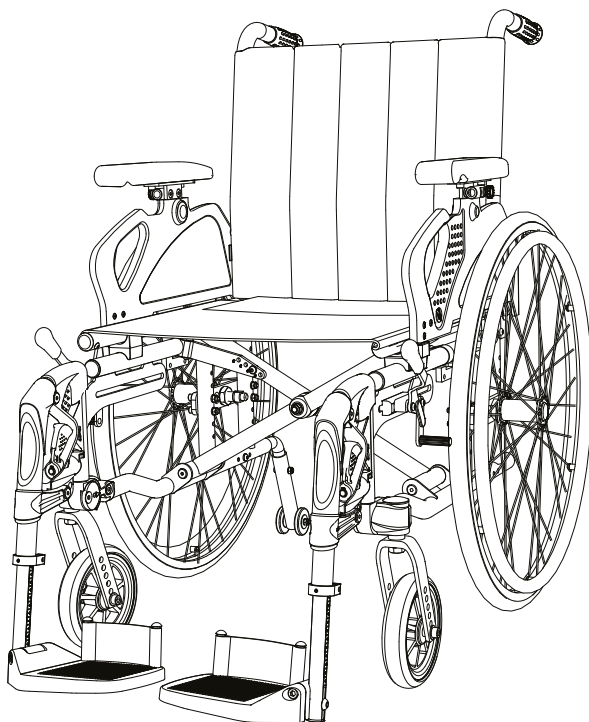


MANUAL WHEELCHAIR



USER MANUAL

EN

Exigo 20

 Breezy®

MB3196-EN-F

INTRODUCTION

Congratulations on your choice of new wheelchair!

For your own safety, and in order to get the greatest benefit from the features of your new wheelchair, we recommend that you read this user manual carefully before you start to use the wheelchair.

Intended use and the intended user environment

The wheelchair is designed for both indoor and outdoor use.

The user

This wheelchair has been developed for persons with disabilities and as an aid for those who have problems with walking. Users who can control the wheelchair by rolling, steering and braking it themselves can use the wheelchair without an assistant. The maximum user weight is 135 kg. The user must be familiar with the contents of the user manual before driving the wheelchair.

Adjusting the wheelchair

The average wheelchair user does not exist. This is why Sunrise Medical HCM wheelchairs can be adjusted according to the specific needs of the user. Settings mentioned in chapter Using the wheelchair can be carried out by the user. All other adjustments mentioned in this User manual are to be performed by qualified personnel or in consultation with qualified personnel.

If you are visually impaired, this document can be viewed in PDF format at www.SunriseMedical.eu or alternatively is available on request in large text.

For information about product safety notices and product recalls, go to www.sunrisemedical.eu

Please contact your local, authorised SUNRISE MEDICAL dealer if you have any questions regarding the use, maintenance or safety of your wheelchair. In case there is no authorised dealer in your area or you have any questions, contact Sunrise Medical either in writing or by telephone.

The management system of SUNRISE MEDICAL is certified to ISO 9001, ISO 13485 and ISO 14001.

INTRODUCTION

NOTE:

General user advice.

Not following these instructions may result in physical injury, damage to the product or damage to the environment!

Notice to the user and/or patient: Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

B4Me special adaptations

Sunrise Medical strongly recommends that in order to ensure that your B4Me product operates, and performs as intended by the manufacturer; all the user information supplied with your B4Me product is read and understood, before the product is first used.

Sunrise Medical also recommends that the user information is not discarded after reading it, but it is kept safely stored for future reference.

Medical Device Combinations

It may be possible to combine this Medical device with one or more other Medical Device or other product. Information on which combinations are possible can be found at www.SunriseMedical.co.uk. All combinations listed have been validated to meet the General Safety and Performance Requirements, Annex I Nr. 14.1 of the Medical Device Regulation 2017/745.

Guidance on the combination, such as mounting, can be found at www.SunriseMedical.co.uk

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PARTS OF THE WHEELCHAIR

In order to be able to read and understand this manual it is important that you familiarise yourself with the most common terms that we use for the different parts of the wheelchair. Have a look at figure 1 and note the relevant parts on your wheelchair. The equipment on your wheelchair may vary slightly from the figure shown.

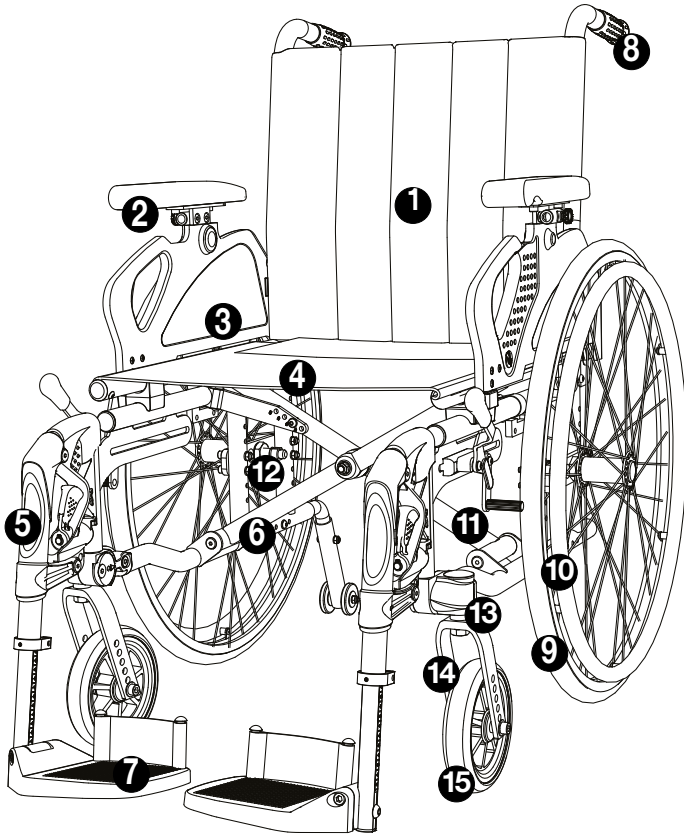


Figure 1

- | | | |
|---------------------------------------|-------------------------|--------------------------------------------------|
| 1 Backrest with backrest cover | 6 Frame | 11 Wheel block |
| 2 Armrests | 7 Footplate | 12 Bearing housing for front castor wheel |
| 3 Clothing guards | 8 Pushing handle | 13 Front castor wheel fork |
| 4 Seat | 9 Driving wheels | 14 Front castor wheel |
| 5 Leg support | 10 Hand rim | 15 Front castor wheel |

ASSEMBLY AND TRANSPORT

Assembly *Figure 2*

The wheelchair is supplied complete as standard. The only thing you need to do is to unfold the chair and, if necessary, fit the leg supports.

Unfolding the wheelchair *Figure 3*

Unfold the wheelchair by pushing down with flat hands on the upholstery next to the seat tubing.

NB: Do not grasp the seat tubing – you may catch your fingers!

Put the seat cushion (accessory) in position and ensure that it lies correctly on the seat fabric.

Folding up the wheelchair *Figure 4*

Remove the seat cushion (accessory) and fold up the footplates or remove the leg supports before you fold up the wheelchair.

Grasp the seat fabric and lift it directly upwards. The seat will fold itself up. Make sure that the backrest fabric folds itself backwards.

Transport

The wheelchair is suitable for land and/or air transport.

Parts of the wheelchair that can easily be detached should be removed when transporting the wheelchair.

- Armrests
- Legrests
- Rear wheels

Once the wheelchair is in the vehicle, it must be secured with an ISO 10542 approved tie-down system that is suited to the weight of that particular wheelchair including any options.

See “Safety in cars” on page 21 for Exigo 20 as a passenger seat in a motor vehicle

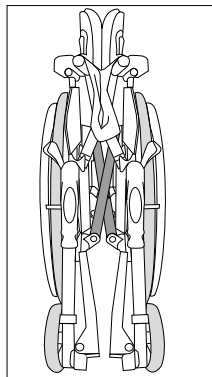


Figure 2

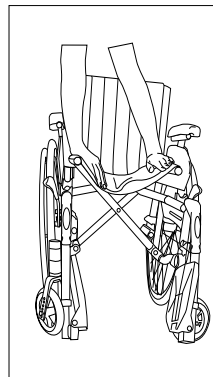


Figure 3

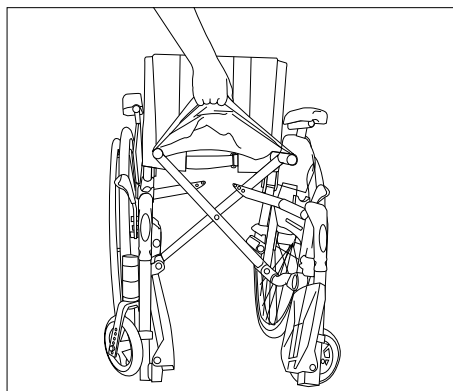


Figure 4

AREA OF APPLICATION

Indications

The varieties of fitting variants, as well as the modular design, mean that it can be used by those who cannot walk or have limited mobility because of:

- Paralysis
- Loss of extremity (leg amputation)
- Extremity defect deformity
- Joint contractures/joint injuries
- Illnesses such as heart and circulation deficiencies, disturbance of equilibrium or cachexia, Neurological disease patterns, Muscle dystrophy, Hemiplegia as well as for elderly people who still have strength in the upper body.

Contraindications

The wheelchair shall not be used without attendant in case of:

- Perception disorder
- Imbalance
- Loss of both arms, if not supported by a caregiver
- Joint contracture or joint damage on both arms
- Seating disability

USING THE WHEELCHAIR

Quick-release hub *Figure 5*

The wheelchair has a quick-release hub on each of the driving wheels. Depress the button in the centre of the driving wheel to remove or replace the wheel.

NB: Check that the wheel is properly fastened by making sure that the button pops out about 5 mm when the wheel bolt is fully in the casing.

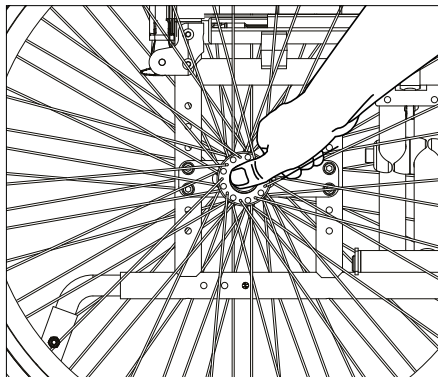


Figure 5

Height-adjustable pushing handles *Figure 6*

handles *Figure 6*

The pushing handles can be adjusted by releasing the locking handle while simultaneously pulling the pushing handle upwards or downwards to the desired height. Then tighten the locking handle again.

You can remove the pushing handles completely by releasing the locking handle, pressing in the sprung plug (6A) and pulling up on the pushing handles.

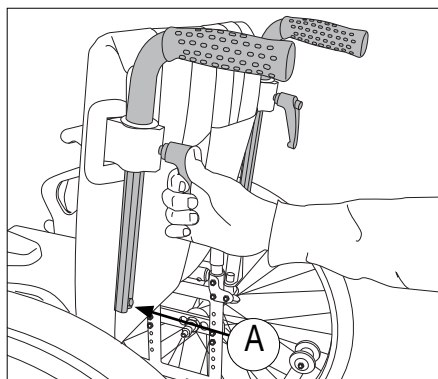


Figure 6

Armrests, swing-up and removing *Figure 7*

- Press the release button and pull up the armrest
- When the armrest is in the upmost position it can be removed by lifting it up.

Note!

Ensure that the armrest locks into position when you swing it back down.

⚠ Warning! When removing the armrest be aware of the potential risk of getting your fingers or clothes caught in the wheel.

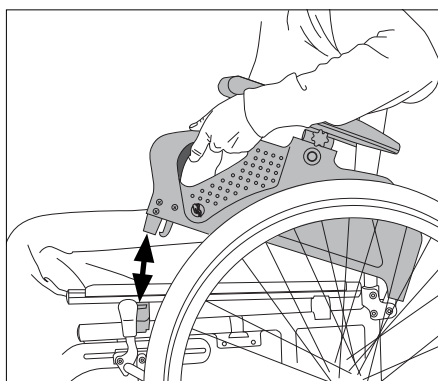


Figure 7

USING THE WHEELCHAIR

Adjusting the height of the armrests

Figure 8

- Press the release button (8A) and raise or lower the armrest.

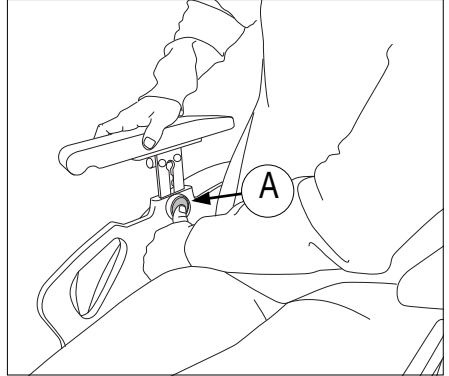


Figure 8

Swinging out/fitting/removing the leg supports

Figures 9 and 10

The leg supports can be swung in and out or removed to make transfers easier. The leg support is released by turning the handle (9A) inwards or outwards.

The leg support can be lifted up and removed completely if desired. To replace it, follow the above procedure in the reverse order. The handle will automatically lock itself.

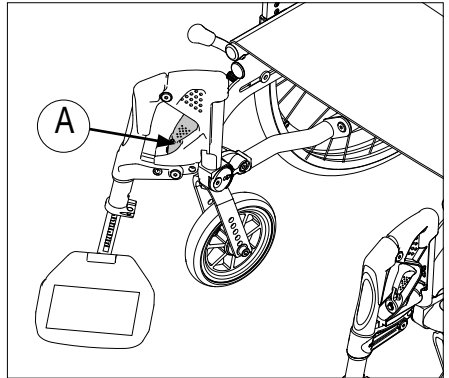


Figure 9

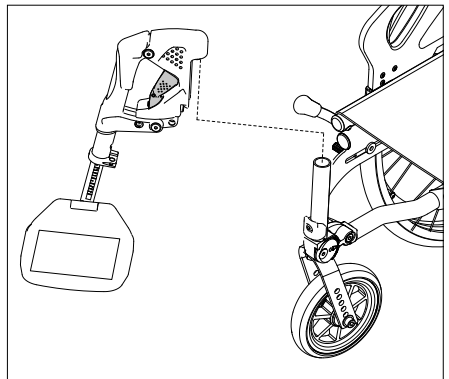


Figure 10

USING THE WHEELCHAIR

Using the brakes *Figure 11*

Pull the brake lever towards you to lock the brake.

⚠ Warning! The brakes are only designed to keep the chair stationary. Under no circumstances must they be used as a driving brake.

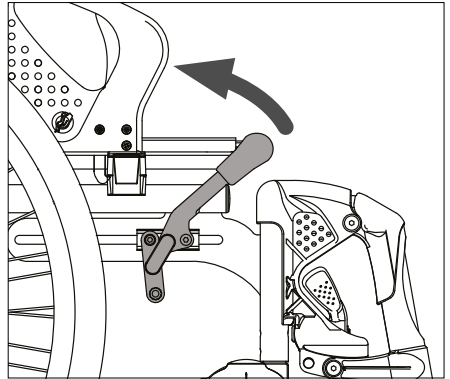


Figure 11

Anti-tip stabiliser *Figure 12 and 13*

The anti-tip stabiliser is deployed by pulling it out while simultaneously turning it down. The anti-tip stabiliser is adjusted as standard with a clearance to the floor which makes it possible to negotiate door sills and similar.

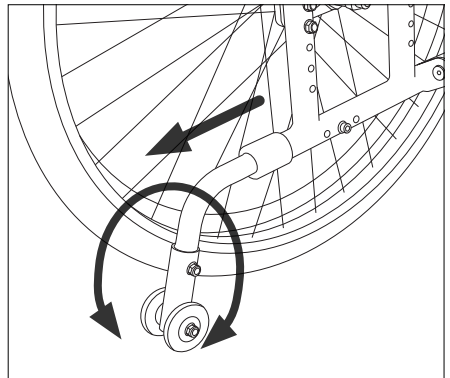
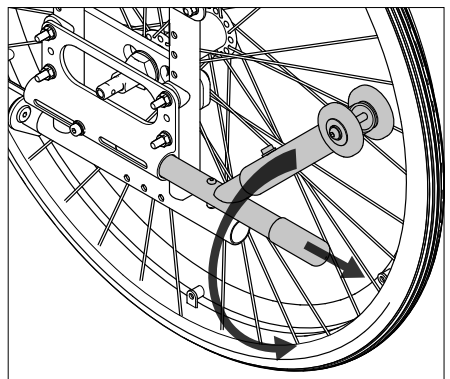


Figure 12



Figur 13

USING THE WHEELCHAIR

Transferring into and out of the wheelchair

Figures 14, 15 and 16

- Engage the brakes
- Swing the leg supports out if necessary
- Move yourself to the front of the chair before transferring to another chair, bed, etc.

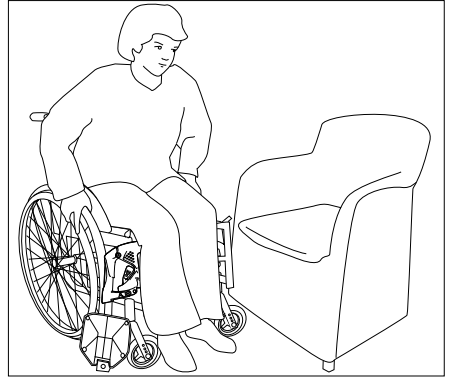


Figure 14

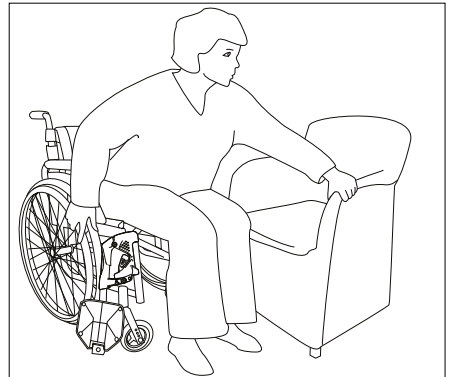


Figure 15

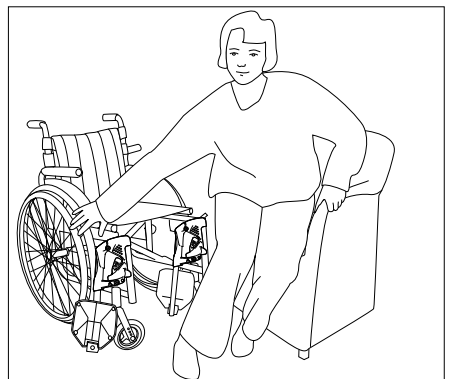


Figure 16

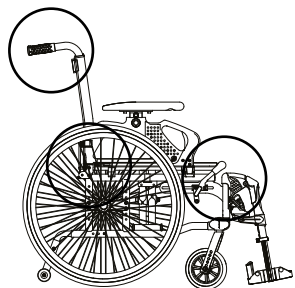
USING THE WHEELCHAIR

Negotiating obstacles: steps

Figures 17 and 18

If the wheelchair is to be lifted up or down steps with the user in the chair, if possible use the recommended lifting points.

The lifting points are the pushing handles and leg supports.



⚠ Warning! Do not lift the wheelchair by the armrests!
Do not lift the wheelchair by the legrests if the wheelchair is equipped with angle adjustable legrests!

⚠ Warning!
For height adjustable pushing handles, ensure that the handle is locked before lifting.

In order for the assistants to have a better lifting position, they may lift one on each side of the chair.

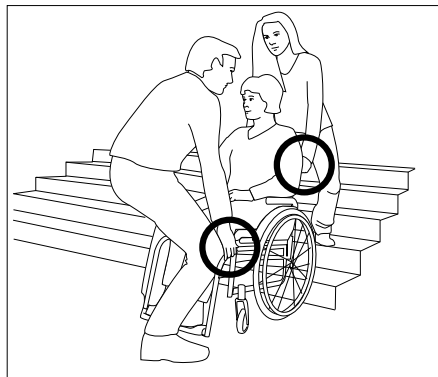


Figure 17

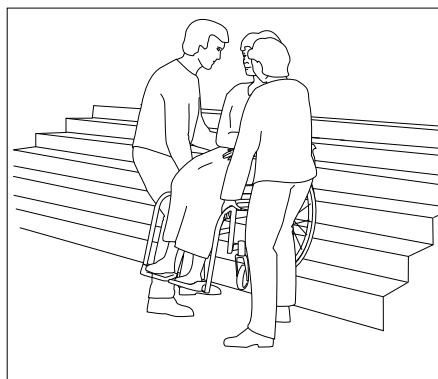


Figure 18

Negotiating obstacles: kerbstones

Figure 19

When negotiating kerbstones or similar, swing up the anti-tip stabiliser. Then place a foot on the tipping bar while you simultaneously push with the pushing handles.

Step ground

If you frequently use the wheelchair on hilly surfaces, we recommend that a separate assistant brake be installed.

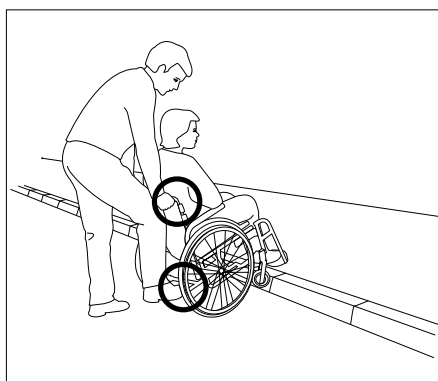


Figure 19

ADJUSTING THE WHEELCHAIR

Adjusting the seat height

The seat height can easily be adjusted. You can also change the angle of the seat by having a different seat height front and back. By changing the seat angle, you can achieve better stability and sitting comfort. The various methods of adjusting the seat height also have an effect on the wheelchair's manoeuvrability and rolling characteristics.

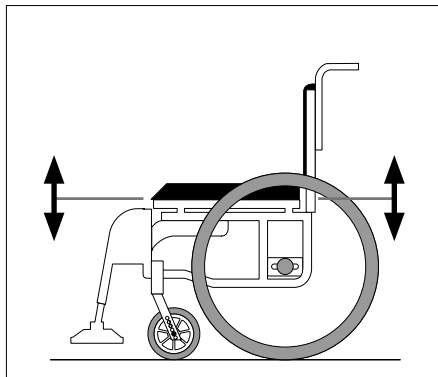


Figure 20

Adjusting the height of the back of the seat *Figures 20 and 21*

You can adjust the height of the back of the seat using any of the methods described below.

Move the wheel blocks up or down

If you move the wheel blocks up, you lower the seat height. If you move the wheel blocks down, you raise the seat height (see page 17).

Change to larger or smaller driving wheels

Using larger driving wheels raises the seat height, whereas smaller driving wheels lower the seat height.

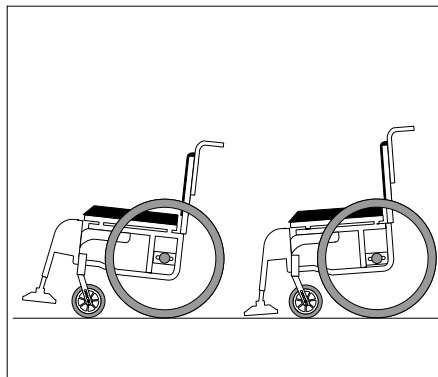


Figure 21

ADJUSTING THE WHEELCHAIR

Adjusting the height of the front of the seat *Figure 22*

You can adjust the height of the front of the seat using any of the methods described below.

Move the front castor wheel to a higher or lower position in the castor fork

By moving the castor wheel to a higher position in the castor fork (22A) you lower the seat height; by moving the castor wheel to a lower position you raise the seat height.

Change to larger or smaller castor wheels

Using a smaller castor wheel lowers the seat height, whereas a larger castor wheel will raise the seat height. If you change the castor wheels to a smaller model, this will reduce the turning circle and thereby make it easier to negotiate tight spaces. It will also provide more room for your legs. On the other hand, using larger castor wheels will increase the turning circle but will make it easier to negotiate uneven surfaces.

Change to a longer or shorter front castor wheel fork

A shorter castor wheel fork will lower the seat height, reduce the turning circle and make it easier to negotiate tight spaces. It will also provide more room for your legs. A longer castor wheel fork will raise the seat height and will also give you the option of changing to a wider range of castor wheels.

Note! Remember to adjust the angle of the castor wheel when you have changed the seat height; you should also adjust the brakes when you have adjusted the seat height at the back.

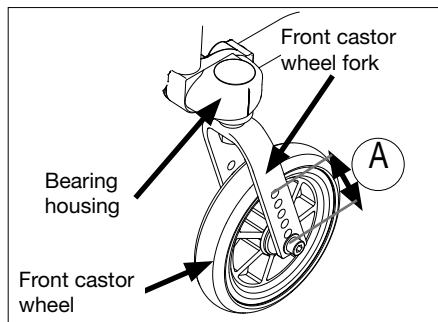


Figure 22

ADJUSTING THE WHEELCHAIR

Adjusting the height of the back of the seat *Figure 23*

The height of the back of the seat can be raised or lowered by moving the wheel block up or down in the frame.

- Undo the screws (23A)
- Move the wheel block up if you wish to lower the seat height
- Move the wheel block down if you wish to raise the seat height
- Retighten the screws

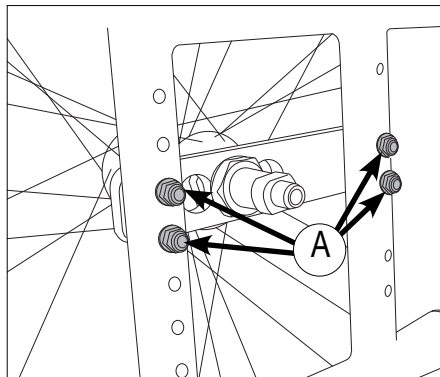


Figure 23

Adjusting the centre of gravity *Figure 24*

Figure 24

If you want the wheelchair to run more freely, you can move the driving wheels forwards. If you want the wheelchair to be more stable and less likely to tip, you can move the driving wheels back.

- Unscrew the fastening nut (24A)
- Move the adapter (24B) to the desired hole
- Retighten the nut
- Flip the wheelbase to access all five wheel positions

⚠ Warning! Remember to adjust the brakes and the anti-tip stabiliser after you have adjusted the seat height and centre of gravity.

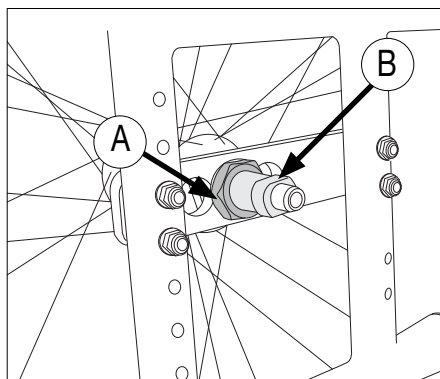


Figure 24

ADJUSTING THE WHEELCHAIR

Adjusting the height of the front of the seat *Figures 25 and 26*

When adjusting the height of the seat, you should adjust the height of the front castor wheels before you adjust the angle.

Move to another position in the castor wheel fork *Figure 25*

- Undo the screw in the hub of the castor wheel fork
- Move the wheel up or down
- Retighten the screw

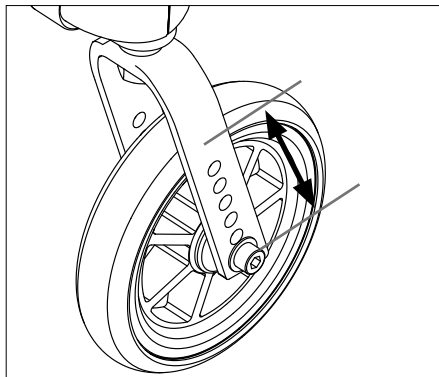


Figure 25

Adjusting the angle of the front castor wheel *Figure 26*

- Undo the screw (26A) a little
- Undo the screw (26B)
- Insert the Allen key into the turning wheel (26C) and turn it to the desired angle (see the scale)
- Tighten the screw (26B). Thread lock, such as Loctite Blue No. 253, may be used. Then tighten the screw (26A)

If the front castor wheel is at the correct angle, the bearing housing will be vertical and at 90° to the floor. You can achieve this by using a right angle or set square against the bearing housing and floor.

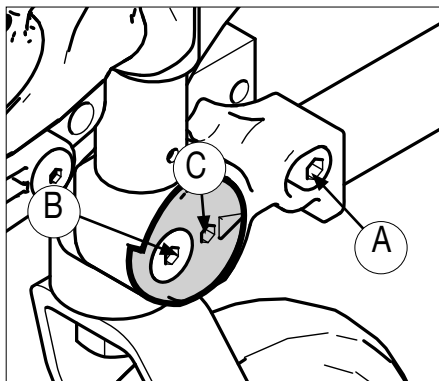


Figure 26

ADJUSTING THE WHEELCHAIR

Adjusting the height of the backrest *Figure 27*

The wheelchair is equipped as standard with a height-adjustable backrest.

The height is adjusted by undoing and removing the fastening screws (27A) on the backrest tubing and then pulling the tubing to the correct height.

Then adjust the Velcro adjustment and backrest cover.

Note! When making this adjustment you must apply thread lock, such as Loctite Blue No. 263, to all screwed connections.

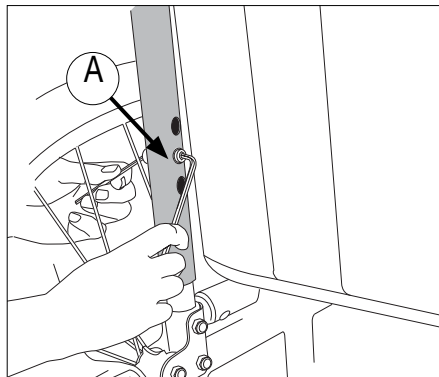


Figure 27

Adjusting the angle of the back *Figure 28*

The angle of the back can be adjusted from -5° to 15° . As a standard the angle is 5° .

- Loosen the Velcro cover to access the angle adjustment mechanism.
- Undo screw (28A)
- Push or pull the back to desired angle. Tighten the screw (28A)
- Make sure you adjust to the same angle on both sides

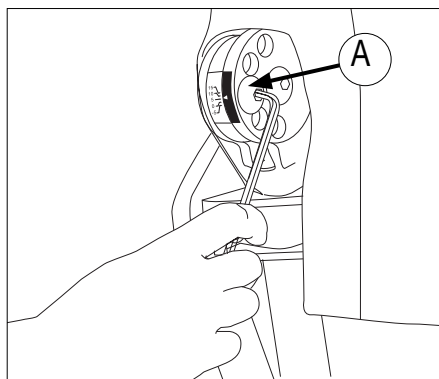


Figure 28

ADJUSTING THE WHEELCHAIR

Adjusting the brakes

Figures 29 and 30

The wheelchair is delivered as standard with brakes which are adjusted to the middle driving-wheel position.

To move the brakes, undo the screw (29A) located on the inside of the frame at the front of the chair. Move the entire brake assembly along the track to the desired position. The correct distance between the brake block and the wheel (30A) is about 2.5 cm.

It should not normally be necessary to adjust the brakes from the position in which they are delivered.

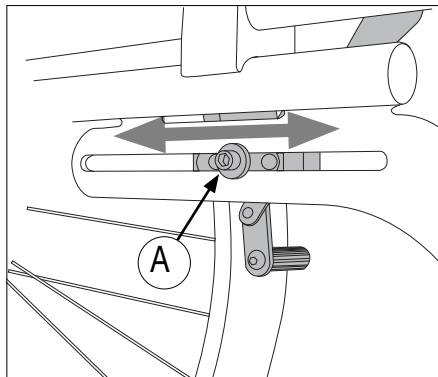


Figure 29

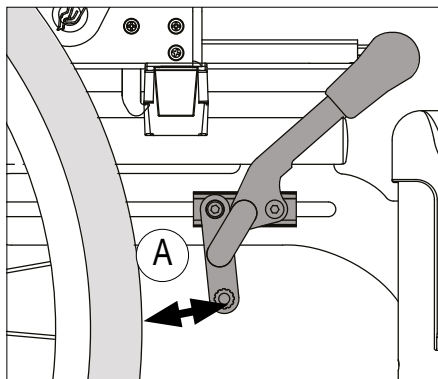


Figure 30

Adjusting the anti-tip stabiliser

Figure 31

You should adjust the anti-tip stabiliser when you have changed the centre of gravity of the chair.

- Undo the screws (31A)(31B). Push or pull the anti-tip stabiliser to the correct position
- There should be a maximum of 25 mm from the end of the anti-tip stabiliser to the floor
- Retighten the screws

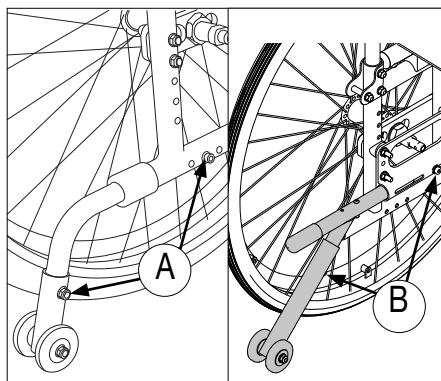


Figure 31

ADJUSTING THE WHEELCHAIR

Adjusting the length of the leg supports *Figure 32*

The leg supports have a graduated scale (32A) on the outside which will help you to get the correct length. Adjust the length of the leg supports by unscrewing the fastening screws (32B) about 5 mm. Then adjust the leg supports to the desired length and retighten the screws.

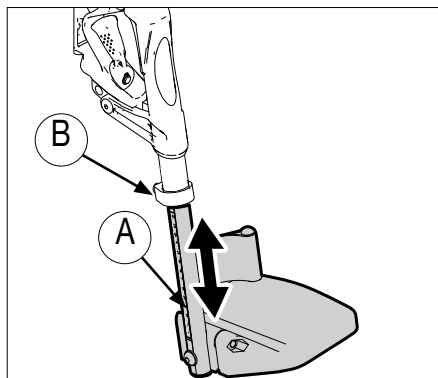


Figure 32

Adjusting the angle of the leg supports *Figure 33*

The angle of the leg supports can be set to 70°, 80° or 90°.

- Undo the screw (33A)
- Push or pull the leg support to the desired angle
- Insert the screw into the correct hole and tighten

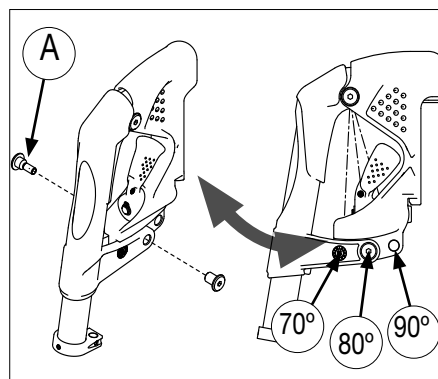


Figure 33

Adjusting the seat depth *Figure 34*

You can adjust the seat depth by up to 5 cm by moving the seat fabric forwards or backwards.

- Loosen the seat fabric
- Pull the seat fabric forwards to lengthen the seat or backwards to shorten it
- Fasten the seat fabric again

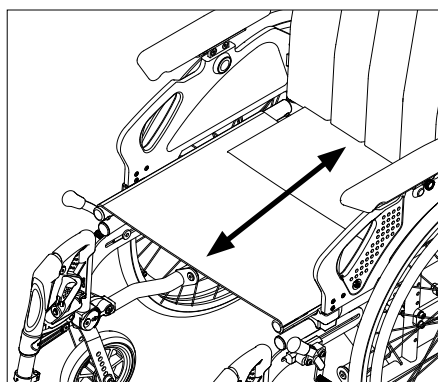


Figure 34

ADJUSTING THE CHAIR

Adjusting the height of the fixed armrest *Figure 35 and 36*

In order to adjust the height of the armrest, loosen the screw (35A). Raise or lower the armrest to the desired position. Refer to the scale (35B) in order to achieve the same height on both armrests.

The scale shows the number of centimetres from the seat to the top of the armrest. Re-tighten the screw. When the armrest is adjusted to the desired position, the clothes protector can be moved in order to avoid openings to the wheel. Loosen the screw (35C) and push the clothes protector up or down. Re-tighten the screw.

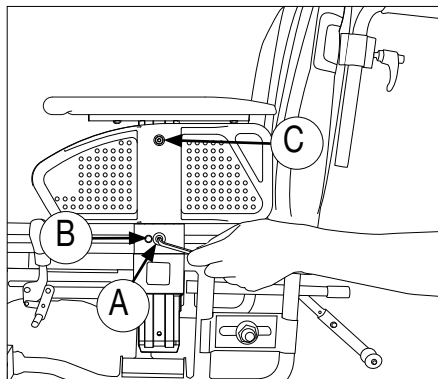


Figure 35

Adjusting the depth of the fixed armrests *Figure 36*

Adjust the depth of the armrests by moving the armrest pads forwards or backwards.

- Loosen the screws (36A) using a 10 mm wrench
- Push the armrest pads forwards/backwards to the desired position and tighten the screws

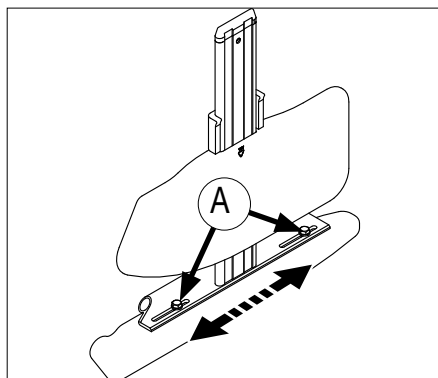


Figure 36

FITTING A POSITIONING BELT

Fitting the hip belt (accessory)

Figures 37, 38 and 40

- Unscrew the screw (37A). Use a 4 mm Allen key.
- Fit the hip belt as shown in figure 38. Use the screw you removed.
- Check that the hip belt is correctly adapted to the wheelchair user. The belt should lie firmly over the hip at an angle of approx. 45° from the fixing position on the wheelchair.
- Make sure the belt is clean and that the locking mechanism works at all times. The belt and locking mechanism can be cleaned using a damp cloth.

⚠ Warning! Placing the belt over the hip, against the soft skin of the stomach, can result in the wrong sitting position and the user sliding forward in the wheelchair.

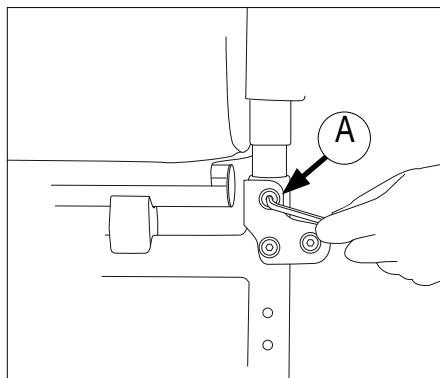


Figure 37

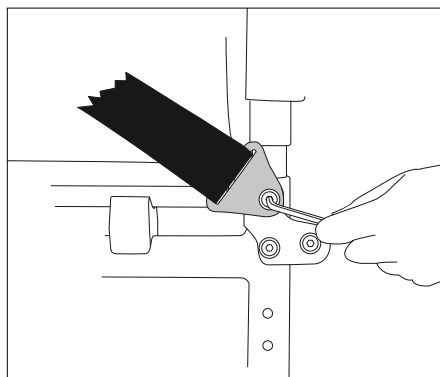


Figure 38

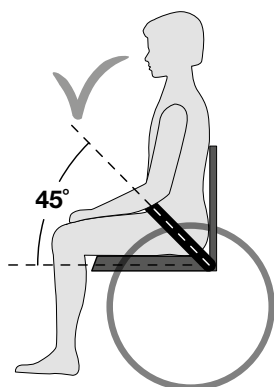
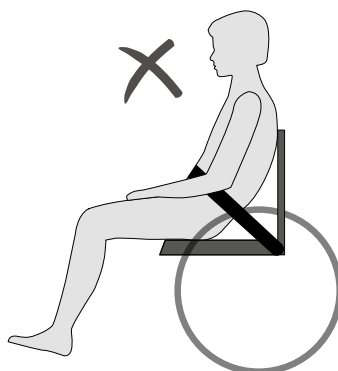


Figure 40

Correct placing of belt



Incorrect placing of belt

SAFETY

- Do not stand on or exert great pressure on the footplates.
- A wheelchair should be considered as a replacement for walking. Users must therefore move among pedestrians and not on trafficked roadways.
- When you wish to transfer out of the chair, ensure that you are on as stable and even a surface as possible. In order to ensure that the chair does not move, make sure that the brake is in the locked position.
- Exigo 20 must not be used as a passenger seat in a vehicle. The wheelchair user must be transferred to the vehicle's passenger seat and must use the vehicle's safety belt.
- The maximum weight capacity for Exigo 20 is 135 kg.
- You should regularly inspect the chair to reassure yourself that all screws, bolts and other fastenings are secure.
- When the chair is in use, always ensure that the anti-tip stabiliser is activated.
- Adjustments of seating or wheel positions can be set outside safe limit; When any modifications are made to the chair, such as moving the drive wheels, moving the front castor wheels, changing the backrest height, etc., this will affect the chair's rolling characteristics, balance and tipping point. Therefore, be particularly careful when starting to use the chair again.
- It is recommended that a qualified helper be used when transferring into and out of the chair.
- Ensure that clothing, bags and other items do not get caught in the wheel spokes.
- Be aware of the danger of possible trapping injuries: avoid putting your fingers between the clothing guard and the wheel, and between the wheel and the brake.
- If while using the chair it is necessary to raise the front of the chair in order to negotiate an obstruction, never do this by just pressing down on the pushing handles. Tread on the tipping bar while exerting moderate pressure on the pushing handles.
- Sitting in a wheelchair for a long period of time increases the danger of pressure sores. If there is a high risk of pressure sores, we recommend the use of special seat cushions to counteract the problem. Before using a anti decubitus cushion, check with the supplier that the cushion can be used on a seat sling surface.
- The surface temperatures can increase when the wheelchair is exposed to external sources of heat (e.g. sunlight).

SAFETY IN CARS

Exigo 20 as a passenger seat in a car

Wheelchair users should transfer to the vehicle seat and use the vehicle-manufacturer-installed restraint systems whenever it is feasible, and the unoccupied wheelchair should be stored in a cargo area or secured in the vehicle during travel.

The wheelchair can be used as a passenger seat in a car and has been tested in accordance with ISO 7176/19.

When the wheelchair is used as a passenger seat it should sit facing forward.

The wheelchair must be attached to the fastening system it was tested for;

The system is a 4-point fastening system. The system is a total system that fastens both the wheelchair and user to the car. The system requires fastening rails to be mounted in the car.

User restraint system: 3 point shoulder and hip belt.

Exigo 20 has marked off four points (Figure 40) that must be used when securing the wheelchair:

- The rear tubing of the side frame, above the wheel block
- The front tubing of the side frame, above the legrest hanger

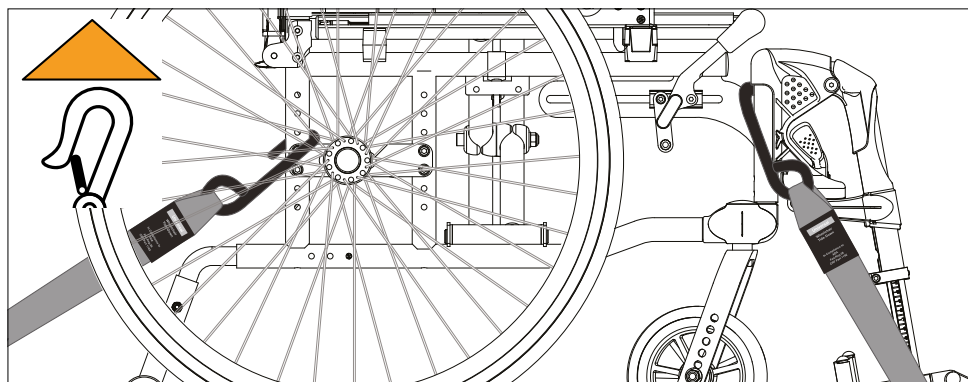


Figure 40

⚠ Warning!

Sunrise relinquishes itself of all responsibility in the event that Exigo 20 is used as a passenger seat in a car using a different fastening system to the one mentioned above.

SAFETY IN CARS

Fastening the seat belt:

- The pelvic-belt restraint must be fastened at as steep an angle as possible; between 30° and 75°
- The shoulder-belt restraint is fastened over the shoulder and chest
- The seat belt is fastened as tightly to the body as possible and must not be twisted
- Make sure the belt restraints is not kept away from the body by the wheelchair parts, such as armrests and wheels. For correct positioning, see figure below
- The chair must not be tilted backwards when used as a passenger seat in a car

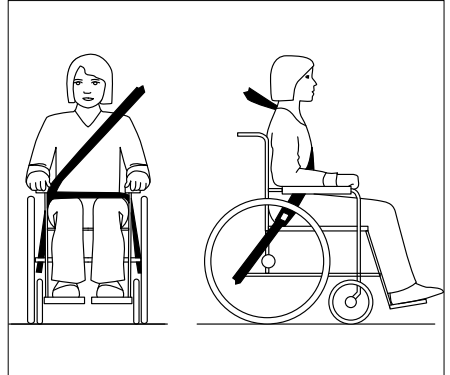


Figure 41



WARNING

- a) Where possible, the wheelchair should be in a forward facing direction and secured in accordance with the instructions from the manufacturer of the fastening system.
- b) This wheelchair is approved for use in cars and meets the requirements for forward facing transport and head on collisions. The wheelchair has not been tested for other positions in a vehicle.
- c) The wheelchair has been dynamically tested in a forward facing direction, with the user secured by both a stomach and chest belt (3-point seat belt)

SAFETY IN CARS

- d) Both the stomach and chest belts should be used to reduce the risk of head and chest injuries in the event of colliding with parts in the car.
- e) In order to reduce the risk of injury to the user, tables that are fitted to the wheelchair, which are not designed for crash safety, must be:
 - Removed and secured separately in the vehicle, or
 - Secured to the wheelchair, but with energy-absorbing padding placed between the table and the user
- f) Where possible, other wheelchair accessories should be secured to the wheelchair or removed from the chair and secured in the vehicle during transport, so that they don't become loose and cause injury to the user in the event of a collision.
- g) Support and positioning equipment must not be regarded as safety equipment/seat belts if they are not labelled in accordance with the requirements of ISO 7176/19-2008.
- h) The wheelchair should be inspected by a representative of the manufacturer before being used again after any kind of collision.
- i) No changes or replacements must be made to the anchorage points/car fastenings on the wheelchair, or to constructional elements or parts of the frame without consulting the manufacturer.

MAINTENANCE

Maintenance described in this section can be carried out by the user. Other maintenance work should be carried out by qualified personnel at the supplier in your municipality or at the technical aids centre. For information about repairs or servicing, please contact the technical aids centre in your county.

Washing the frame

The frame should be washed regularly with warm soapy water. If the frame is very dirty, a degreasing agent may be used. The frame may be washed with a high-pressure hose. If you use this method, avoid directly spraying the ball bearings. Dry the wheelchair well after washing it or after it has been used in rainy conditions. If a degreasing agent is used, moving parts should be greased afterwards.

Disinfection

Disinfection must only be carried out by qualified personnel. The wheelchair can be disinfected with disinfectants that contain 70-80% ethanol. Do not use disinfectants containing chlorine or phenol.

Cleaning the seat and backrest covers

The upholstery and backrest cover can be washed in a washing machine at 60 °C. See the washing instructions on the various textiles. To disinfect; use approved chemical disinfectant. Do not use heat disinfection.

Conditions which could damage the wheelchair

The chair should not be used at temperatures below -35 °C or over 60 °C. No specific requirements are made in connection with humidity or air pressure. No further requirements are made regarding storage conditions.

Screws and nuts

Screws and nuts can become loose over time. Therefore, remember to check and if necessary retighten all screws and nuts on a regular basis. A thread-locking product, such as Loctite Blue No. 243, may be used.

If self-locking nuts have been removed they lose some of their locking ability and should be replaced.

Driving wheels

The driving wheels are fitted with spokes. These should be checked and adjusted at least once a year. Contact a local bicycle dealership or your nearest technical aids centre.

MAINTENANCE

Quick-release hub for wheels

The quick-release hub for the driving wheels requires regular inspection. Check that the ball bearings are working satisfactorily. The release bolt and ball bearings should be cleaned and oiled regularly.

Recommended air pressure

The chair is supplied as standard with solid wheels.

Find the indication of the size on the driving wheel or castor wheel, and then read off the recommended *maximum* pressure in the table. Note that a high pressure makes the chair easier to roll, whereas a low pressure gives a smoother ride.

For optimal rolling characteristics, the pressure should be checked regularly.

| | kPa | Bar | PSI |
|-----------------------------------|------------|------------|------------|
| Driving wheel, pneumatic | 350 | 3.5 | 50 |
| Driving wheel, high-pressure | 630 | 6.3 | 90 |
| Front castor wheel, 6", pneumatic | 250 | 2.5 | 35 |
| Front castor wheel, 8", pneumatic | 250 | 2.5 | 35 |

Tools for adjustments

| Adjusting: | Tools: |
|----------------------------|------------------------------------|
| Brakes | Allen key 4 mm |
| Leg support length | Allen key 5 mm |
| Footplates | Allen key 5 mm |
| Anti-tip stabiliser | Allen key 4 mm, 5 mm, wrench 10 mm |
| Back height | Allen key 5 mm |
| Back angle | Allen key 4 mm |
| Seat depth | Allen key 3 mm |
| Seat height front | Allen key 6 mm |
| Driving wheel pos. | Wrench 27 mm |
| Castor angle | Allen key 5 mm |

MAINTENANCE

Inspection after six months, thereafter each year

- Check that the brakes function correctly. Adjust if necessary.
- Check that the tyres are in good condition and that there has been no damage to the sidewalls.
- Ensure that the chair is clean and that all moving parts function correctly.
- Check for any slack in the front castor wheel forks, and adjust if necessary (i.e. the axle should run freely around its axis, but there should be no slack up or down).
- Check and if necessary adjust all screwed connections.

Repairs

Apart from small repairs to paintwork, the replacement of tyres and inner tubes, and the adjustment of the brakes, all repairs must be undertaken by qualified personnel at the supplier in your municipality or at the technical aids centre.

For information about repairs or servicing, contact your dealer.

Long-term storage (more than four months)

- Store indoors in a cool, dry place
- During storage, the ambient temperature should not be lower than -20°C or higher than $+65^{\circ}\text{C}$.
- Recommended humidity: 15% - 93%.
- No restrictions on air pressure.

MAINTENANCE

Replacing pneumatic tyres

Figure 42

Pneumatic tyres are an accessory

Removing the tyre

- Remove the wheel, then deflate the tyre by depressing the little pin in the valve or unscrewing the valve.
- Ensure that the edge of the tyre sits well down in the internal depression of the wheel rim (42A).
- Bend the edge of the tyre over the rim. Use a special tyre lever (42B) if necessary. Take care to ensure that the tube does not become pinched between the lever and the rim.

Fitting the tyre

- Put the tube into the new tyre and apply a friction-reducing agent (tyre-fitting lubricant or soap) on the edge of the tyre (42C).
- Ensure that the edge of the tyre sits well down in the depression of the wheel rim on one side. Bend the tyre over the rim edge. Take care to ensure that the tube does not become pinched.
- Inflate to the correct pressure and fit the wheel to the chair.

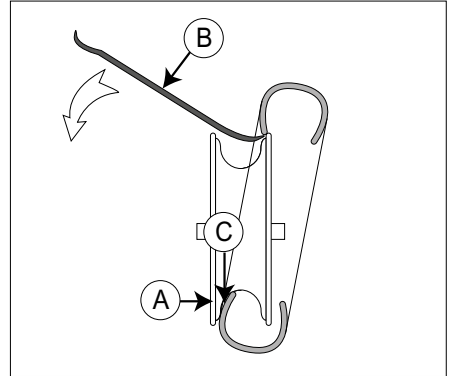


Figure 42

TECHNICAL SPECIFICATIONS

Technical specifications and measurements

The wheelchair is supplied as standard in various different seat heights and seat widths. Which height suits the user of the wheelchair depends on two factors: the height of the individual and how the chair will be used. Consult your dealer or nearest technical aids centre if you are uncertain whether you have the correct height and width. (Dimensions are given in millimeters unless otherwise specified. Dimensions may vary +/- 10 mm from specifications mentioned in this table)

| | |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Seat width | 360, 390, 420, 450, 480 and 510 mm |
| Seat depth | 390 mm (adjustable 390–440 mm) |
| Seat height | 360–480 mm |
| Backrest height | 420–460 mm |
| Armrest height | 220–270 mm |
| Total height | 890 mm |
| Transport height | 890 mm |
| Total width | Seat width + 180 mm |
| Transport width | 280 mm |
| Total length | 970 mm |
| Transport length | 990 mm |
| Weight of chair | 15,9 kg |
| Transport weight | 10.1 kg |
| Max. user weight | 135 kg |
| Max. slope for parking brakes | 7° |
| Ignitability | Textiles have been tested and approved in accordance with: NS-EN 1021-1:2006 Ignition source: Smouldering cigarette NS-EN 1021-2:2006 Ignition source: Match flame equivalent |

Lifespan







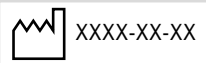



The wheelchair and most of the parts are manufactured using a special aluminium alloy. The backrest and seat are covered with flame-retardant material. The driving and caster wheels can be supplied with solid or pneumatic tyres as desired.













Under normal use and with prescribed maintenance, the wheelchair's expected lifespan is approximately seven years.

Waste handling

Waste relating to packaging, parts of the wheelchair or the wheelchair itself can be treated as general waste. The main component of the wheelchair is aluminium, which can be melted down for reuse. The plastic and cardboard used in the packaging can be recycled.

LABELLING

| | |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Exigo 20 | Product Name/SKU Number. |
|  | Maximum safe slope with anti-tip tubes fitted, Depends on wheelchair setting, posture and physical capabilities of the user. |
|  | Seat width. |
|  | Seat depth. |
|  | Load Maximum. |
|  | CE Mark. |
|  | User's Guide. |
|  | Date of manufacture. |
|  | Serial number. |
|  | This symbol means Medical Device. |
|  | Manufacturer's address. |
| ISO 7176-19:2008 | Crash tested according to ISO 7176-19:2008. |

| | | |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  Sunrise Medical GmbH Kahlbachring 2-4 D-69254 Malsch / Germany |  yyyy-mm-dd |
| Type: | Manual Wheelchair |  242200101001 |
| Exigo 20 | ISO 7176-19:2008 | |
|  135 kg |  max 6° |  450 mm |
| |  360 mm |   |
| | |   |

Conformity

This product complies with the Medical Device Regulation (EU) 2017/745.

GUARANTEE

Warranty

Definitions of terms

Definitions of terms used in this warranty:

- Consumable part: Part that is subjected to natural wear and tear or natural contamination during normal operation within the lifetime of the product (section 9 of Sunrise Medical HCM's general terms and conditions of sale);
- Client: Those who purchase the product directly from Sunrise Medical HCM;
- Corrective action: Repair, replace or refund of the product;
- Dealer: Those who re-sell the product to the User;
- Defect: Any circumstance due to which the product is not sound or fit to use, caused by a lack of quality of the material used to manufacture the product as well as the quality of the manufacturing process;
- Option: An accessory delivered by Sunrise Medical HCM to extend the standard product model;
- Product: Product that is delivered according to brochure or contract (e.g. wheelchair, scooter, battery-charger etc.);
- Part: Part of product that can be exchanged or replaced. This can be an option, accessory, service part or consumable part;
- Returns: Product or part that needs to be returned;
- RMA-process: Process to return goods, contact your dealer;
- Service part: Part that is durable and may be subjected to natural wear and tear or natural contamination during normal operation within the lifetime of the product.;
- User: Those who use the product;
- Warranty: The rights and obligations set forth in this document;
- Warranty period: The period of time during which the warranty is valid;
- Warranty provider: Sunrise Medical HCM Medical.

Notwithstanding the rights and obligations of Sunrise Medical HCM, Client and User set forth in Sunrise Medical HCM's general terms and conditions of sale, the rights of the Client and/or User towards Sunrise Medical HCM in case of defects are limited to the provisions set forth in this warranty. For the duration of the warranty period Sunrise Medical HCM guarantees that the product is without defects.

GUARANTEE

In case of any defects the User is required –within two weeks after discovery of the defect- to contact the dealer. He has to complete a return form and return the product or part via the RMA-process. Sunrise Medical HCM will, at its sole discretion, take the corrective action it seems fit under the given circumstances within a reasonable period of time (depends on nature of claim) from receipt of the completed return form. The warranty period will not be extended after a corrective action.

Warranty period table

| Description | Warranty period | Examples include, but are not limited to the parts mentioned below |
|-------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------|
| Frame | 5 years | Weldment/frame |
| Service Parts | New: 1 year after invoice Repaired: 90 days after invoice | Brakes |
| Consumable parts | 40 days after invoice | Seat- and back textiles, wheels, griphandles etc. |
| Options/ Accessories | 2 years | Headrests, legrests, drum brake etc. Not being service part or consumable part. |

Sunrise Medical HCM will only accept shipment costs and corrective costs related to warranty on equipment during the warranty period.

This warranty will void in case of:

- The product and/or its parts being modified or items having been added by others than Sunrise Medical HCM;
- Changes in cosmetic appearance by use;
- Failure to observe the instructions for use and maintenance, use other than normal use, wear and tear, negligence, collateral damage by neglect of earlier symptoms, overloading, third-party accidents, non-original parts used and defects not caused by the product;
- Circumstances beyond our control (flood, fire, etc.).

This warranty does not cover:

- Tyres and inner tubes

Clients and/or Users have legal (statutory) rights under applicable national laws relating to the sale of consumer products. This warranty does not affect statutory rights you may have nor those rights that cannot be excluded or limited, nor rights against the entity from whom the product was purchased. Clients may assert any rights they have at their sole discretion.

ACCESSORIES

Driving wheel and driving wheel fixings

- Amputation blocks
- Driving wheels of various dimensions and with different tyres – solid, high-pressure and pneumatic tyres
- Wheel for single-hand operation
- Friction hand rim
- Friction cover
- Spoke protectors
- Assistant brake
- Quick-release hub for users with weak hands

Front castor wheels and castor fixings

- Front castor wheels of various dimensions and with different tyres – solid or pneumatic tyres
- Front castor wheel forks, various sizes

Leg supports

- Leg support, adjustable-angle
- Footplate, depth-adjustable
- Footplate, adjustable-angle
- Amputation support
- Plaster-cast leg support

Armrests and clothing guards

- Armrests with short pads

Backrest

- Height-adjustable pushing handles
- Pushing handle
- Pushing handle with neck-support fastening

Other accessories

- Pump, electric
- Crutch holder
- Table
- Seat cushion, standard
- Hip belt
- Fastening for hip belt
- Rucksack
- Seat bag
- Head and neck support

Fitting instructions are supplied with accessories.

Contact your nearest Sunrise branch for accessories and spare parts.

NOTES

Warning: The content of this user manual is only intended as information. This information may be changed without warning and must not therefore be interpreted as an obligation on the part of Sunrise. Sunrise is not responsible, either legally or financially, for any errors or inaccuracies that may appear in this user manual. All products that are mentioned in this user manual are registered trademarks and cannot be used in other contexts without the consent of Sunrise.

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