

Mio Move



Instructions for use

Imprint

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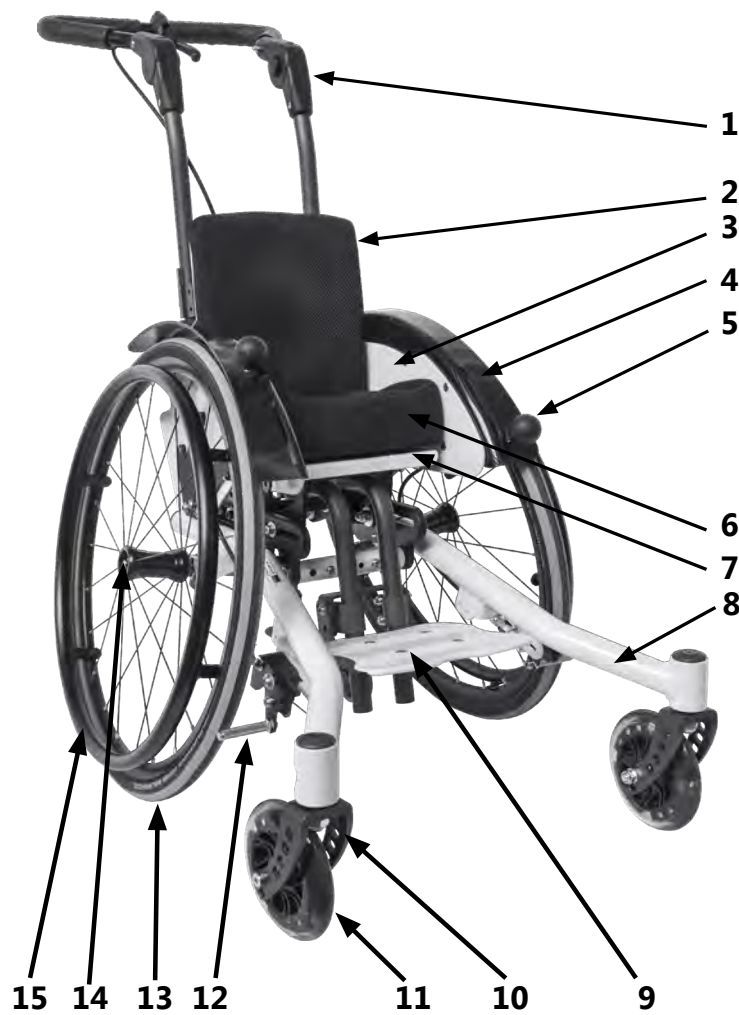
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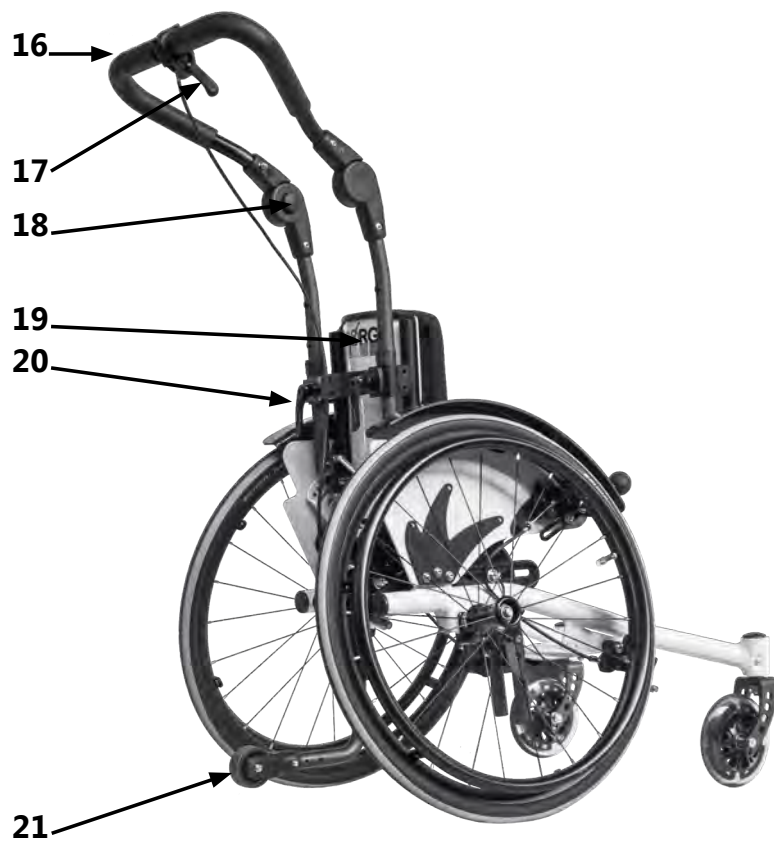
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- 1 height adjustable push bail
- 2 back cushion
- 3 side guard
- 4 wheel cover
- 5 brake lever
- 6 seat cushion
- 7 seat plate
- 8 frame
- 9 foot plate
- 10 caster fork
- 11 caster
- 12 brake pressure bolt
- 13 rear wheel
- 14 axle
- 15 hand rim



- 16 push bail
- 17 lever for seat tilt
- 18 angle adjustment for push bail
- 19 curved back plate
- 20 eccentric clamp for push bail
- 21 anti-tipper

2.1 Preamble

Welcome to the SORG family - thank you for your trust in us and for choosing our product.

This wheelchair has been individually made to measure your particular needs.



In order to be able to use the wheelchair in everyday life, you receive the following usage and setting instructions which can be done without tools. Please take note of these instructions and handle the wheelchair carefully so that it gives you pleasure for a long time.

If you have any questions about this or any other product, please contact us.

We hope you enjoy using your SORG product.


Your SORG-Team

2.2 General use indications

This Instructions for use contains safety instructions which are needed for the proper use of our product.

All adjustments, repairs and annual inspections beyond these instructions must be carried out by a qualified specialist retailer.

Before use, the user and rehab technician must have read and understood these instructions. In this Instructions for use you will find all equipment possibilities of the product. Have yourself be instructed on the safe handling of the wheelchair, on an even surface, and its individual equipment possibilities by your specialist adviser.

 Visually impaired people will find this manual as a PDF and audio file on our website www.sorgrollstuhltechnik.de.

Should questions or suggestions come up then please contact your medical supply store or our team (+49 7254 9279-0).

Keep this manual in a safe place. All yearly inspections done must be documented by your specialist retailer.

2 General information

2.2.1 Signs and symbols



ATTENTION! Warnings for personal Safety aspects that are of the utmost importance.



CORRECT safety adjustment/ use



WRONG adjustment/ use



NOT ALLOWED



References to additional/continuing reading.



important detail



correct or proper use/setting



incorrect or improper use/setting

(A); (B)

reference from text to detail

Use



push/ pull/ insert / move/



Push in specific direction



Setting or adjusting the angle



open/ close



Turn clockwise



Turn counter-clockwise



steps to be done at the same time



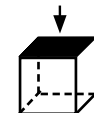
steps to be done after each other



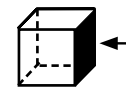
steps to be done on both sides



point of view



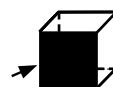
view from top



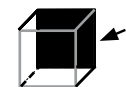
view from the side



view from the bottom



view from the front



view from the back



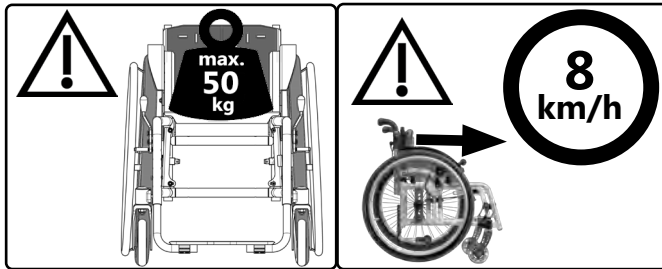
fasten parts



remove parts

2.2.2 Intensions

Mio Move is a growable tiltable wheelchair for children and adolescents for indoors and outdoors.



The wheelchair only serves to carry the person for whom it has been adapted, by a qualified specialist retailer.

In the case of children or persons with impaired ability to act, the parents or authorized caregivers must ensure that the instructions in the Instructions for use are followed.

The most secure use of the tool is only possible on a level, firm and dry ground with activated anti-tipper with the help of a caregiver.

⚠ Any further use involves many dangers that can only be assumed on the user's own responsibility. This requires sufficient competence of hazard detection and prevention and safe handling of the user with the aid! Increased risk potential must be taken into account especially in wet conditions, ice, loose ground, inclines, obstacles, proximity to water, road traffic, tight spaces, etc.

⚠ Use the wheelchair only according to its purpose. Any improper use entails significant risks and will void the product liability.

⚠ Due to the great variety of combinations for seat and wheel positions, settings can be possible which are outside of the safety and application area.

2.2.3 Indication

Mio Move is indicated by the following:

- all therapy forms of change position and bearing,
- to stimulate/strengthen the whole metabolism, the autonomic nervous system and/or the whole cardiovascular system,
- to preserve, rebuild and to activate the whole muscle tone or individual muscle groups,
- to build and to strengthen the whole bone structure,
- to slow the process of progressive scoliosis,
- to slow or restrict dystrophic or atrophic muscle changes,
- to regulate all forms of dyskinesia,
- by all forms of Paresis and/or neuromuscular sicknesses,
- to reactivate after a severe concussion,
- all therapy forms in regard to cerebral dominance.

2.2.4 Counter indications

The use is not suitable for:

- tonicity deregulation,
- sever impaired perception and sense of balance,
- limb loss on both arms,
- joint contractures/joint damages on both arms,
- unable to sit,

- not enough eyesight.

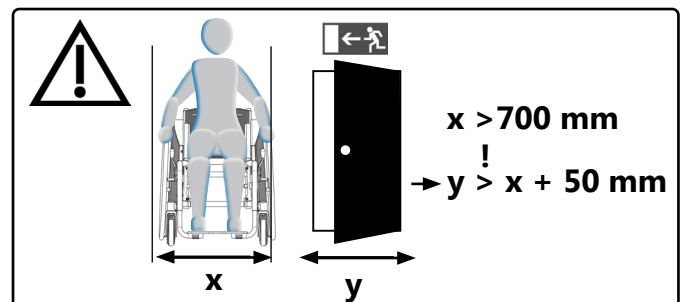
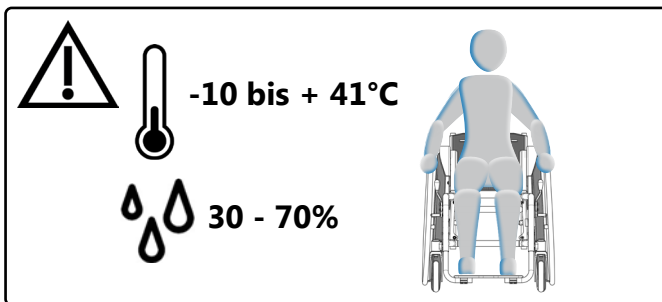
We cannot be taken accountable for damages done to people or objects originating from the use of the Mio Move under the conditions described above.

2.3 General safety instructions

Before each use be sure to check:

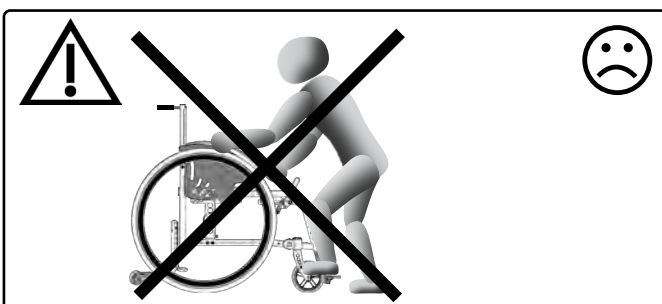
- frame, back tubes, attachments and accessories for visible damage, bends, cracks or missing/loose screws,
- wheels/quick release axles for firm fit ,
- sufficient tire pressure, tire tread,
- functionality of the brakes,
- firm fit of the angle adjustment elements/ eccentric clamps,
- firm fit of the seat plate/ the back/ the foot plate,
- functionality of the anti-tipper/ seat and back straps,
- if all previously disassembled parts are re-inserted or firmly locked.

There is a risk of injuries (e. g. such as bruising) on all rotating or folding parts, including adjustments, repairs and transport.

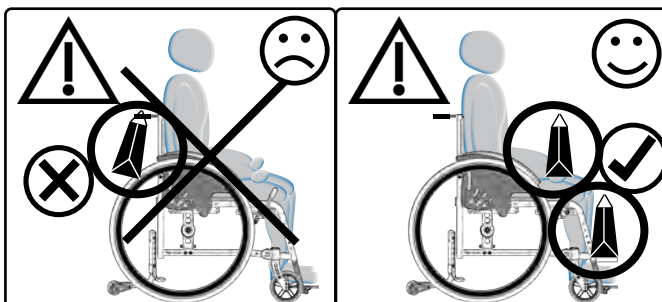


danger of tipping and flipping over

Getting in and out can only occur on a flat surface and with activated wheel lock.



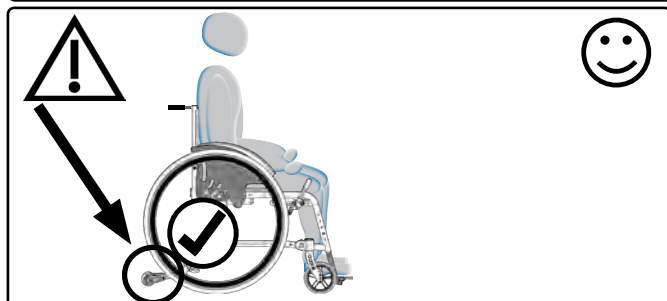
Do not use the footplate(s) to get in and out. The wheelchair could tip forward.



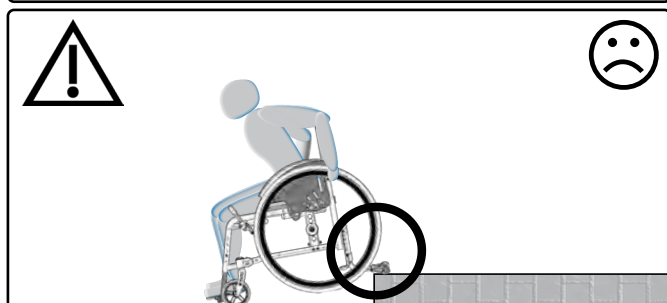
2 General information

When disassembling the parts/accessories listed below, the risks listed as examples may occur:

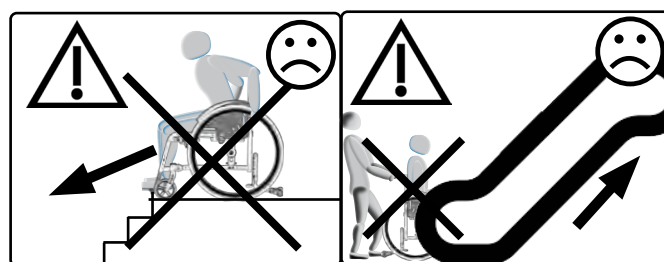
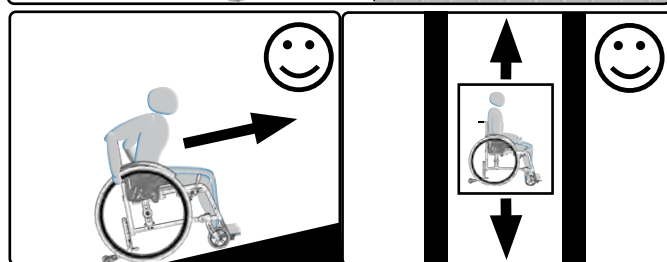
- cushion: lack of hygiene/pressure points
- leg support: getting legs stuck when transporting
- head rests: loss or missing head rest during transport
- firm back extension: loss or missing during transport
- rear wheels: loss of wheels - use is no longer possible
- push bail: loss or missing during transport



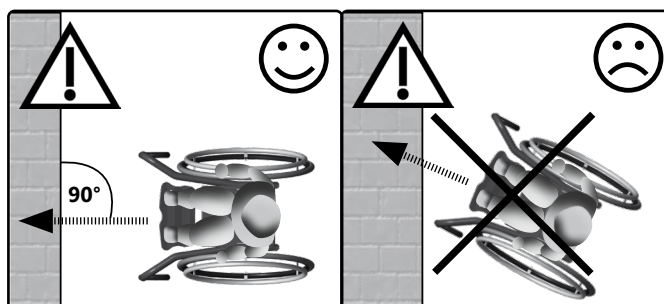
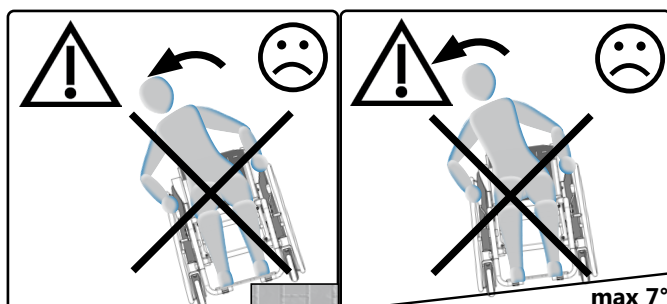
We generally recommend the use of the anti-tipper.



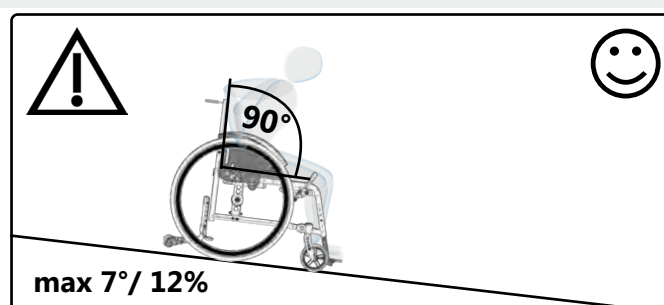
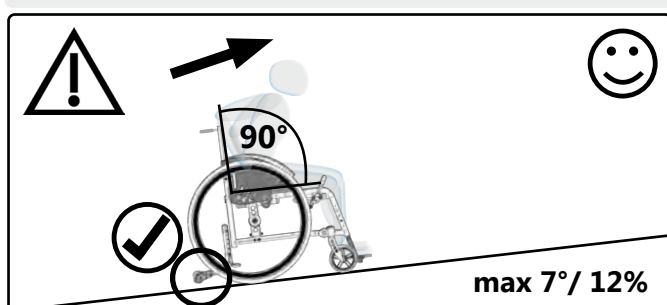
When driving off of curbsides the anti-tipper must be deactivated.



Overcome stairs only with the help of experienced helpers. For this, the anti-tipper must be deactivated. Only carry the wheelchair **by holding the frame, never** the seat shell, the push handles/push bail, the leg support and/or the foot plate/s!



inclines, downhill and obstacles




2.3.1 Transporting without user


Make the desired packing size and secure the wheelchair and all disassembled parts with adequate load securing. Before transporting a wheelchair, find out about suitable load securing measures.

Carrying points:

- seat tubes in a folded position
- front frame tubes le/ri
- back frame tubes le/ri
- however **not** on the detachable leg supports and/or foot plates

2.3.2 Transporting the wheelchair with user in a vehicle


 Wheelchairs can never achieve the stable characteristics of a mounted seat system due to their purpose. Whenever possible, we recommend using a fixated vehicle seat to transport a person in the vehicle.

 Only wheelchairs that have successfully passed a crash test in accordance with ISO 7176-19 may be used as a seat in a motor vehicle. Successfully tested wheelchairs are marked with the symbol for the attachment points on the attached type plate.




Mio (Design 2018) has been successfully tested according to ISO 7176-19 and thus approved as a seat in a vehicle if it has the necessary restraint devices.



 Please check if the wheelchair is a special construction and, therefore, cannot be used as a seat in a vehicle. In this case, the symbol for the attachment point is missing on the nameplate and the wheelchair is provided with a warning, represented by the negated symbol for the attachment point.




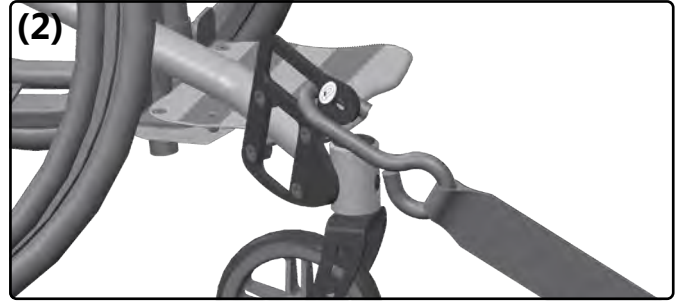
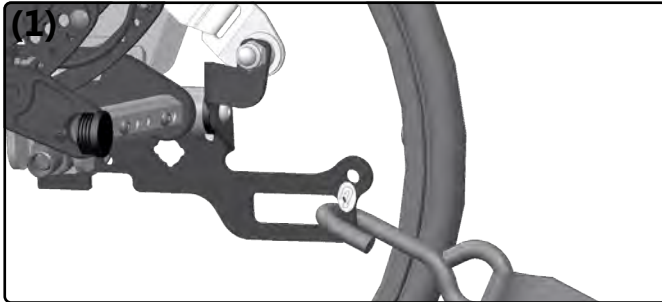
 You can find further information in the crash test brochure at www.sorgrollstuhltechnik.de/downloadportal.


We can recommend the following manufacturers of restraint brackets:

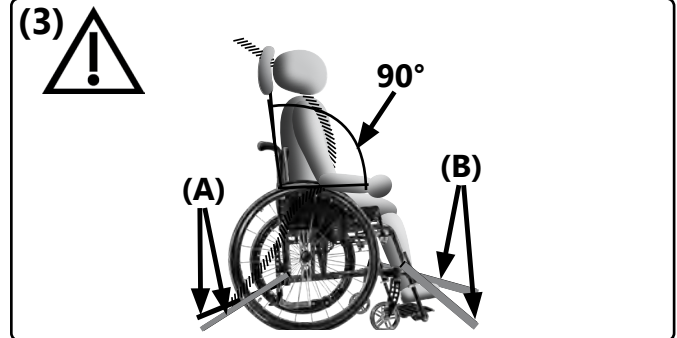
- SORG-restraint brackets on the wheelchair
- AMF-BRUNS GmbH & Co.KG
- Q'Straint Europe


Securing points/methods for the transport in a vehicle


 When using the wheelchair as a seat in the vehicle, use only the points marked with the symbol for the attachment points. These can be found in the back left and right **(1)** and front left and right. **(2)**

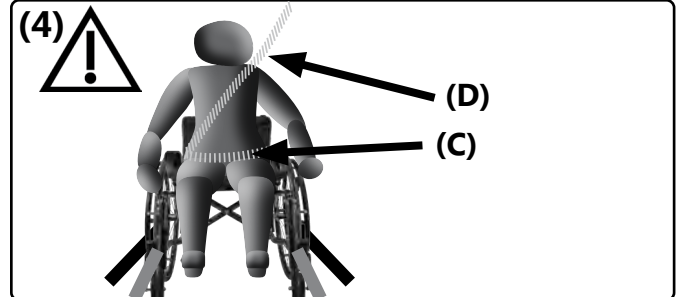



 The wheelchair must be secured using a vehicle-anchored 4-point wheelchair restraint system according to ISO 10542. These may be carabiner hooks, S-shaped hooks or snap fasteners. The wheelchair restraint system must be securely fastened and used in accordance with the manufacturer's instructions. **(3A+B)**





 When the wheelchair is equipped with a back angle adjustment or seat tilt, ensure that the occupant sits in an upright position at 90° back angle during transport **(3)**. Swing-up leg rests must be brought into the lowest possible position.


 In order to reduce the risk of head injuries and upper body injuries as much as possible, the user must additionally be secured with a fixated lap belt **(4C)** approved for transport according to ISO 10542 and a vehicle-anchored shoulder strap **(4D)**.





 The seat belts must not be twisted during use, nor be led over components and thereby kept away from the body. They need to be tight without compromising user comfort. The lap belt lock must be located between the pelvic bones (as close to the center as possible). The latches on the lap belt for attaching the shoulder strap should be as far to the outside on the pelvis as possible.

 All belts used for transport must be checked for damage in regular intervals.


 You must use a headrest that is permissible for transport.


 The wheelchair may only be used as a front facing seat in vehicles in accordance with ISO 7176-19. No transport with lateral alignment!

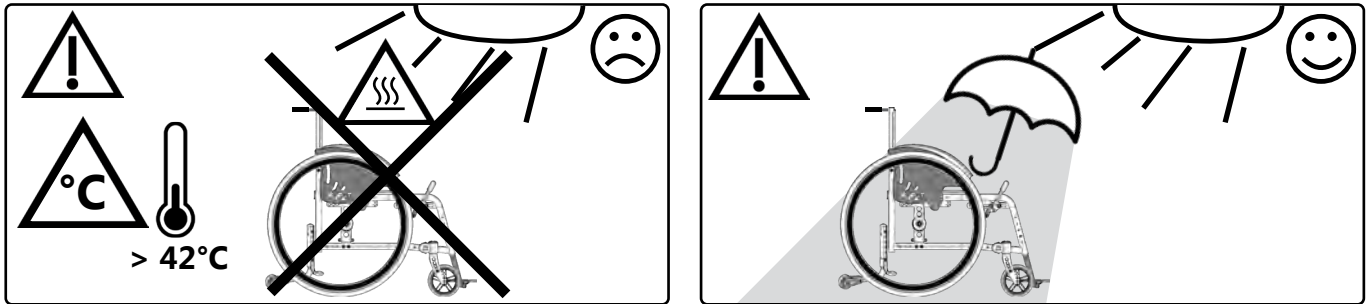
 After a collision, contact your retailer immediately to check the chassis, frame and brakes, and have them repaired immediately.

 Please operate the existing brakes on the wheelchair additionally to transport the wheelchair in a vehicle.

2.3.3 Other important indications

 The standard-compliant resistance to inflammation of textile materials was tested and ensured. Nevertheless there is a risk of ignition of the flammable textile components. Keep ignition sources away from the wheelchair..

 The wheelchair must not be exposed to excessive moisture or contact with salt water.



Pelvic restraints (pelvice belts as positioning help) can be ordered as an option in the wheelchair configuration via the SORG order forms or by ordering via spare parts catalogues. The assembly is carried out by your retailer.

In some cases, the product may interact with electromagnetic fields (e.g., anti-theft device in stores). There is no danger for the user and/or the companion.

Due to the wide range of settings, it is not possible to comply with all limit values for all possible configurations under the EU Interoperability Technical Regulations with regard to the accessibility of the Union rail system for persons with disabilities and persons with reduced mobility.


In the case of incidents involving the wheelchair, please contact your specialized retailer or us as manufacturer. Product recalls etc. are published on our website www.sorgrollstuhltechnik.de. There you will also find the respective contact persons.

Corrosion protection


The product is already designed for corrosion protection when selecting materials (for example: plastic, aluminum, stainless steel). All materials susceptible to corrosion are surface-treated and thus protected.


Should the wheelchair get wet, it needs to thoroughly dry.

Lifespan

 Use beyond the specified lifespan increases the residual risks and should only be carried out after careful, qualified consideration by the operator. If the useful life is reached, the user or a responsible person should contact the specialist dealer. There you can be informed about the possibility of reprocessing the product.

Combination with products from other manufacturers

 The wheelchair may only be combined with the electrical auxiliary drives approved by the manufacturer. The responsibility of restrictions or adjustments as well as the attachment itself lies with the supplier of the additional system or the specialized retailer. Please ask about the conditions with the manufacturer of the auxiliary drives.

 In combination of wheelchair and electric auxiliary drive, certain strains occur that can lead to damage to the wheelchair. Slowly approach obstacles and carefully overcome them so that little force is applied to the casters, rear wheels and the wheelchair as a whole.

3.1 Handling rear wheels

3.1.1 General indications

By braking the wheels with the hand rims, friction heat occurs.

Hand rim covers can expand from heat and can come off the hand rims.

3.1.2 Tire pressure

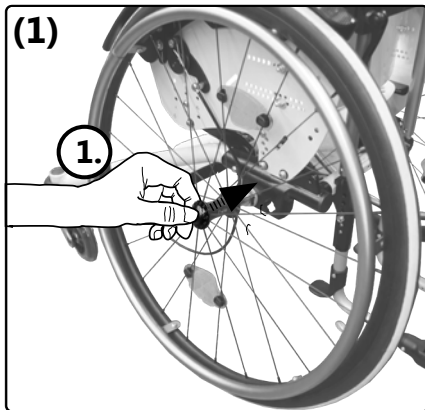
The appropriate operating pressure can be found on the tire casing - usually 3-10 bar. **(1)**

When you get a flat tire, please contact your retailer.

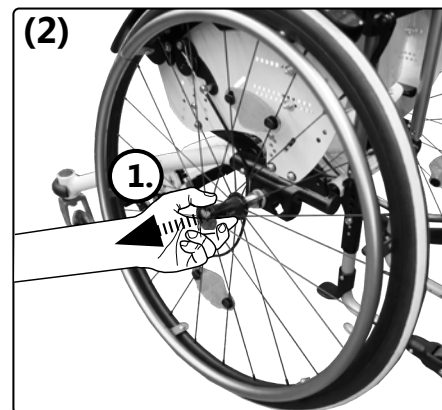


3.1.3 Axle wheels

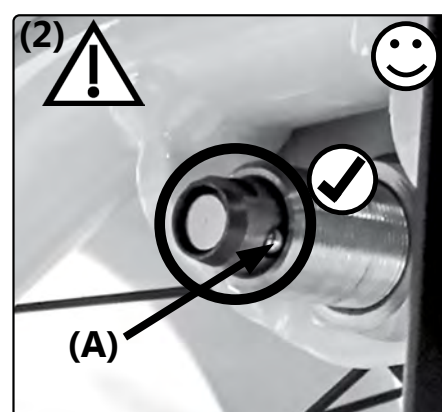
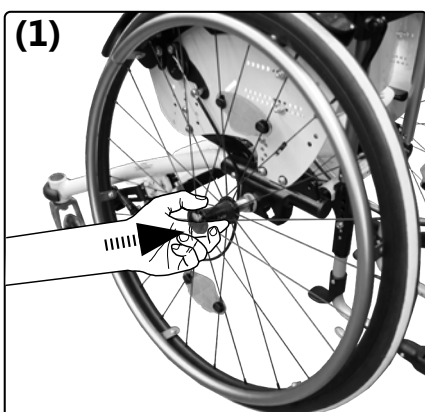
remove:



+



put on:

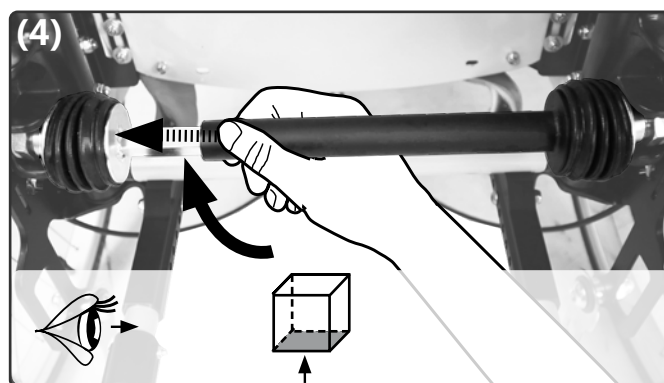
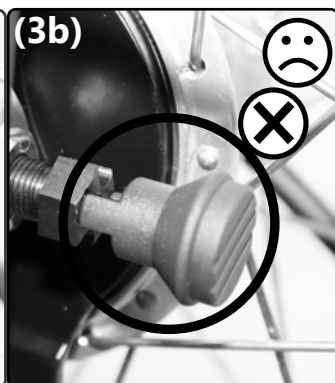
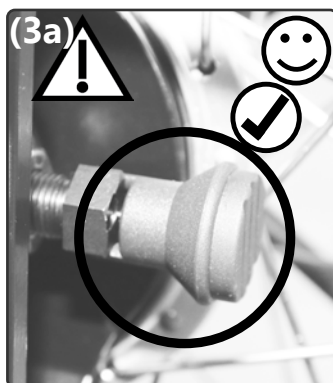
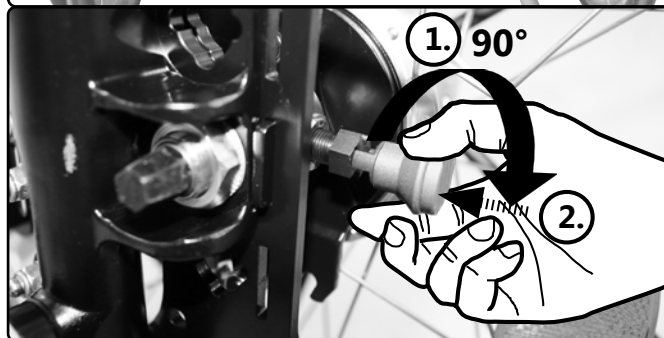
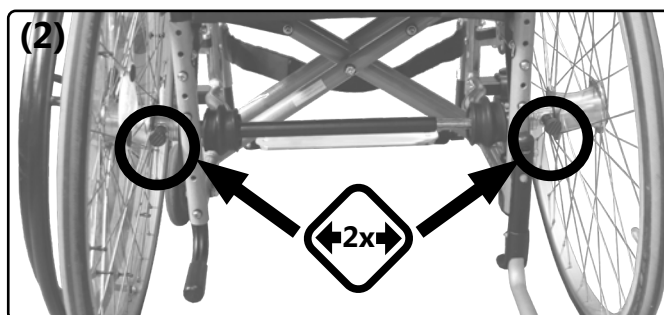
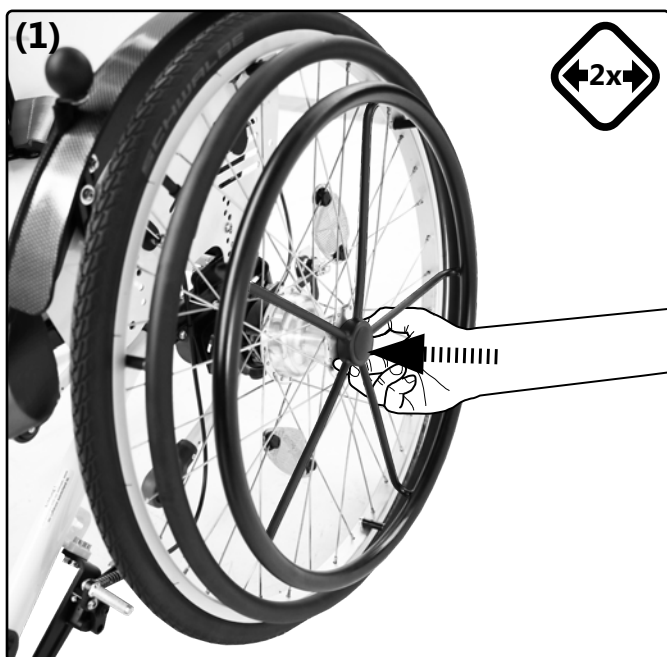


(2) After inserting, the locking ball **(A)** must protrude visibly. After each insertion, pull at least 1x to test whether the quick release axle is engaged. The wheels should not be able to pull out.

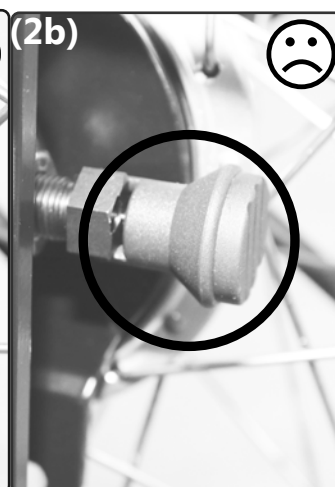
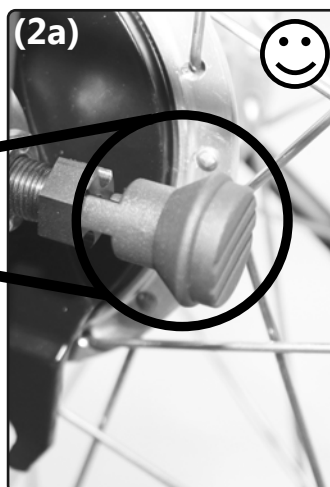
3.1 Handling rear wheels

3.1.4 Double hand rim wheels

put on:



Remove: Proceed analogously in reverse order



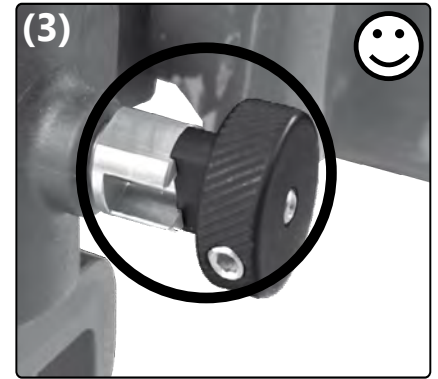
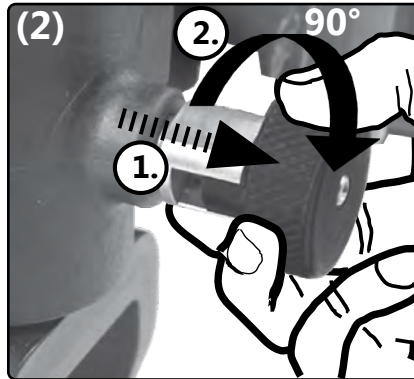
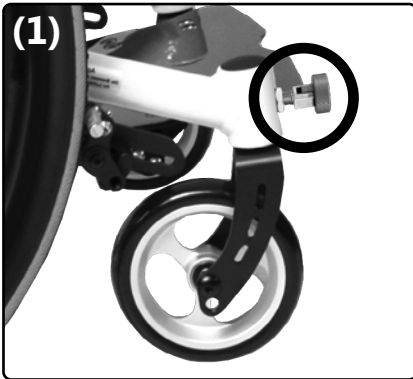
3.2 Handling casters

3.2.1 General indications

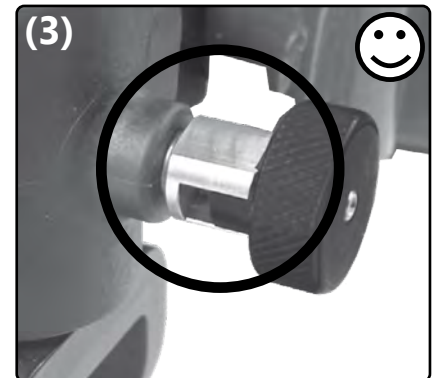
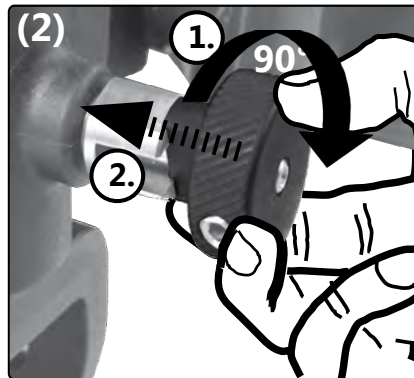
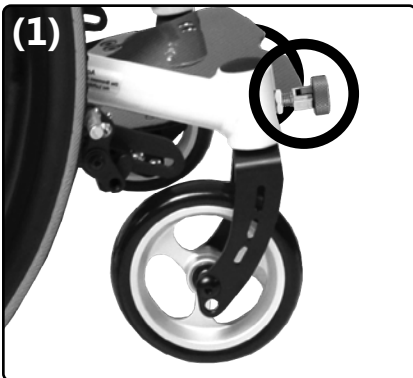
Incorrectly adjusted casters or driving too fast can cause the casters to flutter. At the first sign of flutter, slow down the drive immediately and have the casters readjusted by a specialist retailer.

3.2.2 caster track lock

unlock:



lock:



3.3 Handling seat and back

3.3.1 General indications

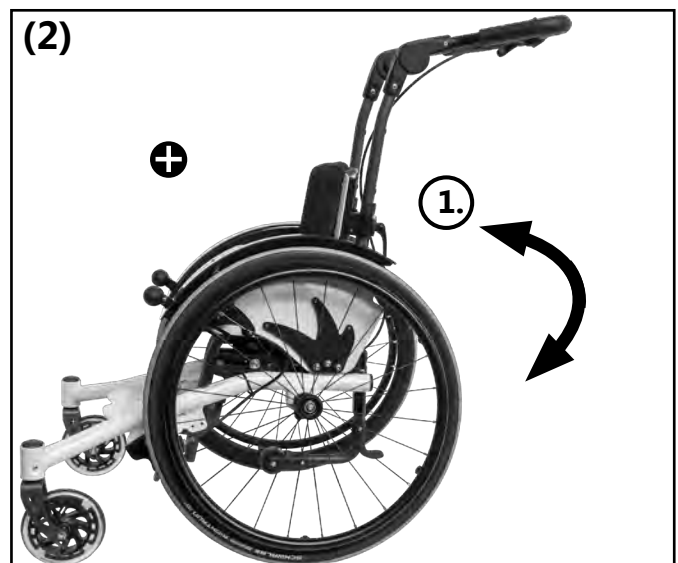
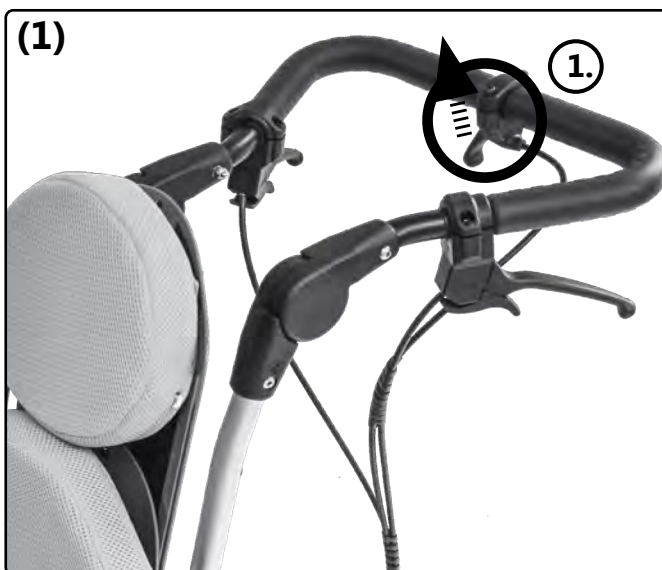
Check the firm fit of the back after every adjustment.

For angle-adjustable back or seat tilts above a setting of $>90^\circ$, it is essential to activate the anti-tipper. When adjusting the back angle or tilting, the head must be supported (e.g. by a head rest)..

Activate the seat tilt or angle adjustment only with activated brakes..

3.3.2 Seat tilt

tilting:

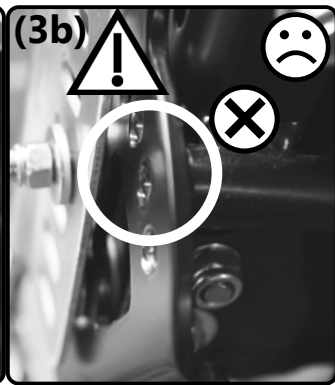
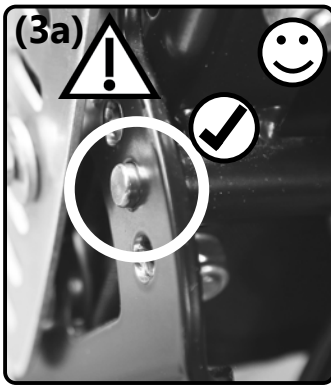
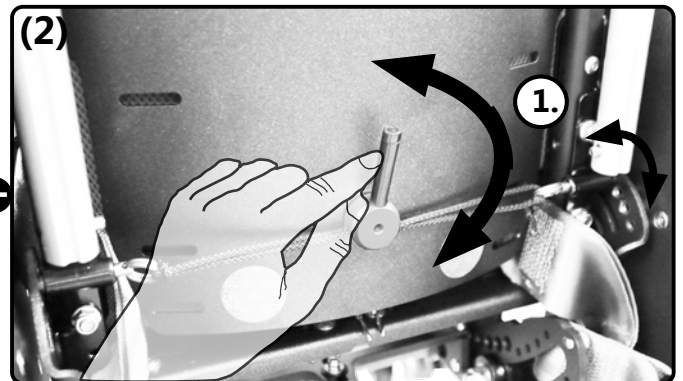
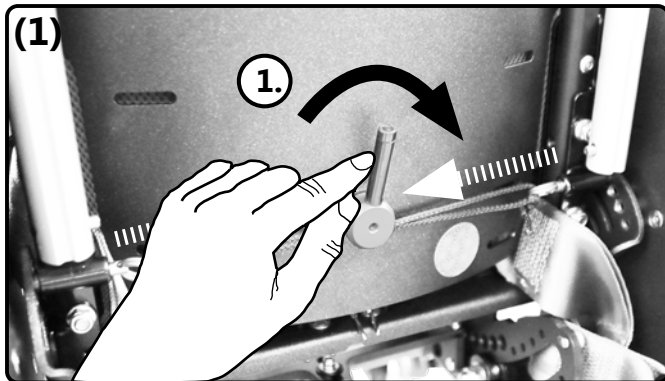


3.3 Handling seat and back

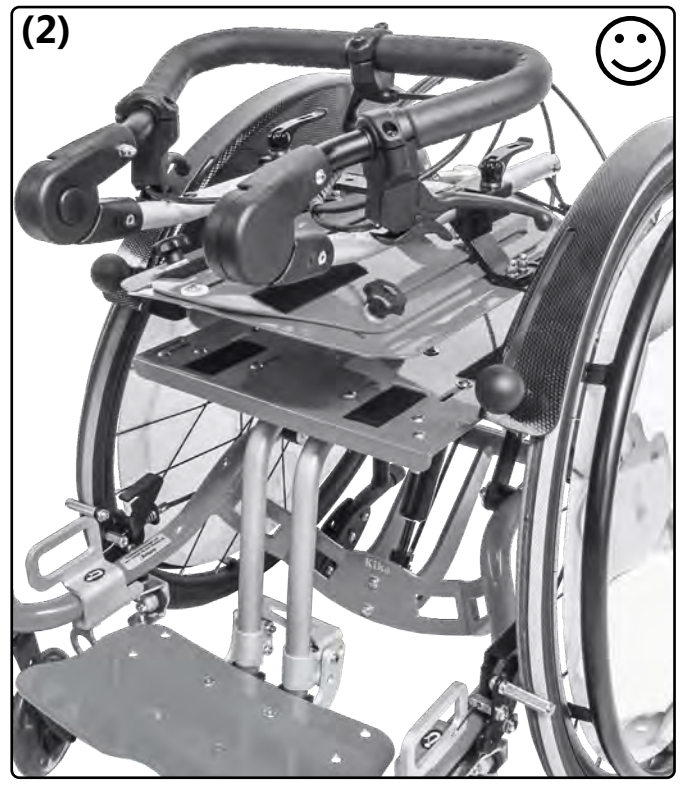
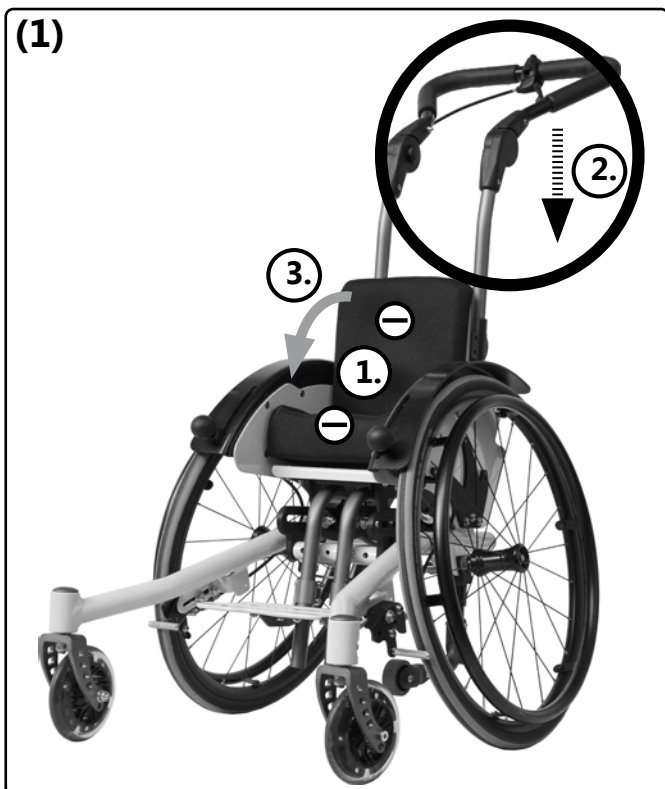
3.3.3 Back with raster

adjust:

Always activate the anti-tipper before using a new back angle position.



fold down (fold up: proceed analogously in reverse order):

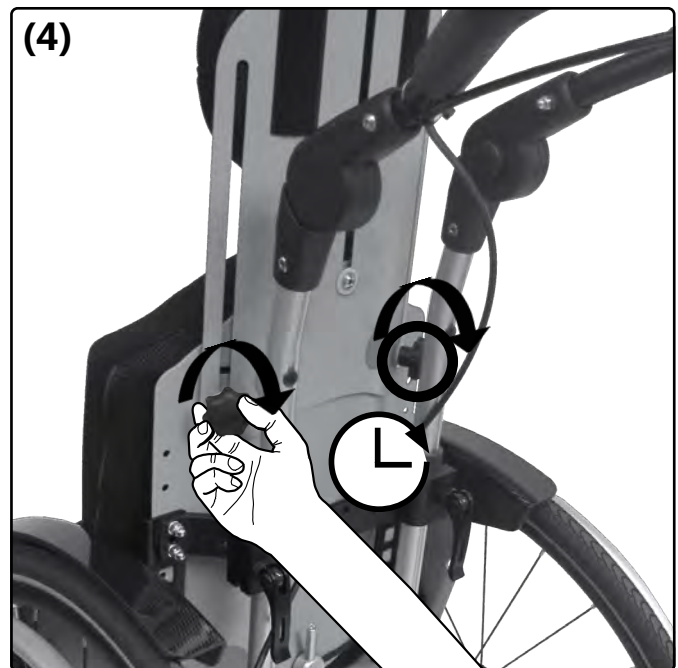
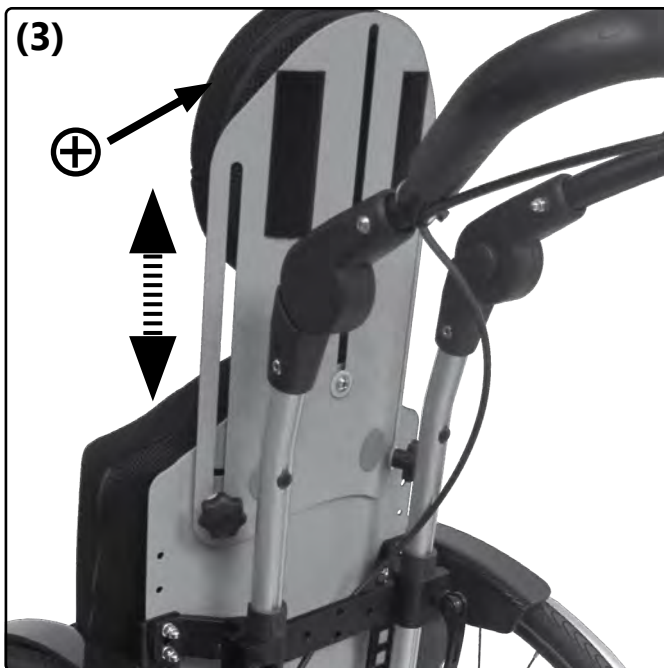
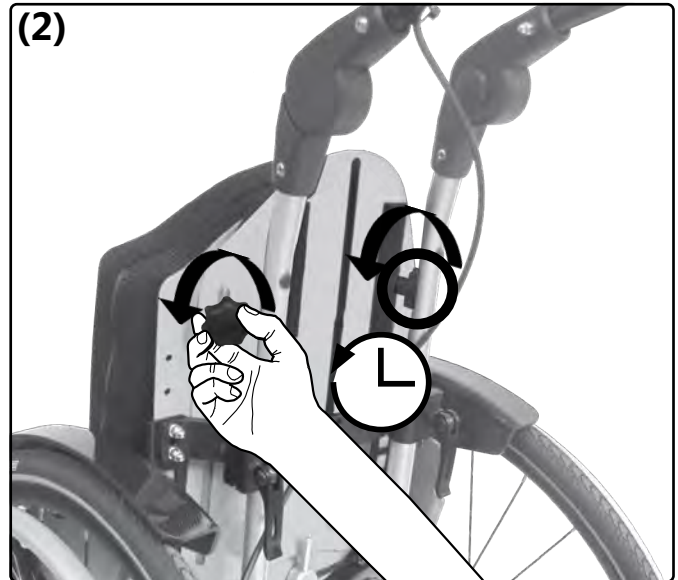
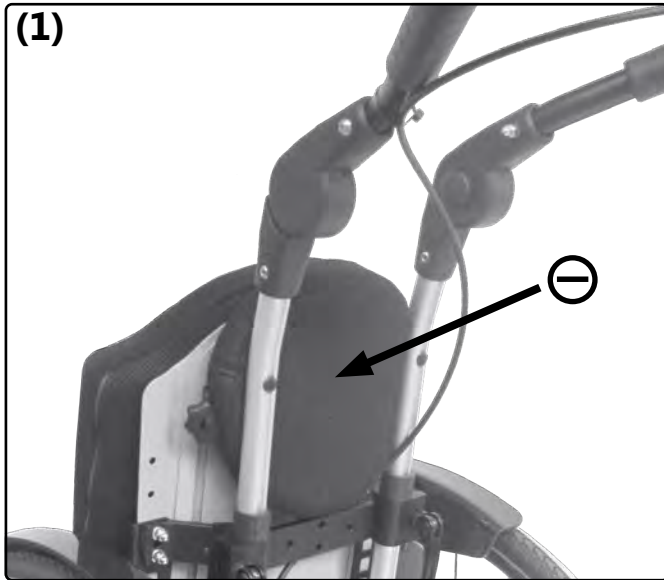


3.3 Handling seat and back

3.3.4 Back extension

pulling out (submerge: proceed analogously in reverse order):

The submersible back extension is **not** suitable as a headrest in a vehicle!



3.4 Handling push aids

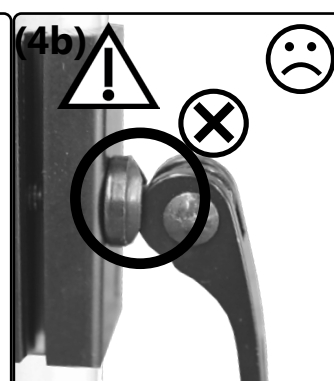
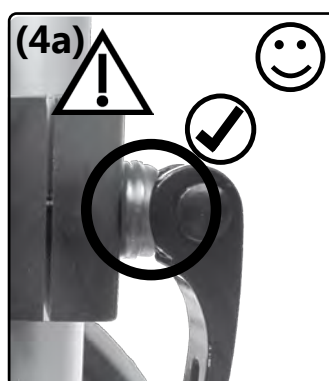
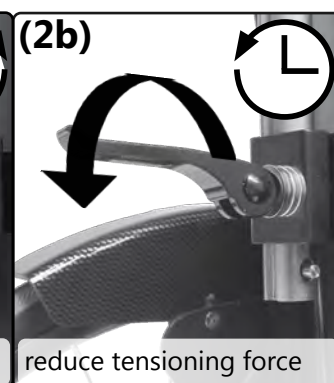
3.4.1 General indications

All height adjustable push aids are designed exclusively to push the occupant in their wheelchair - **not to carry**.

Children cannot assess the pivoting range of the push aids and can hurt others while playing. It is recommended to fold in or remove the push aids for such purposes.

Before each use of the push aids, check that the eccentric clamps are tightly closed and function properly. The push aids must not be able to move in the closed position of the eccentric clamps.

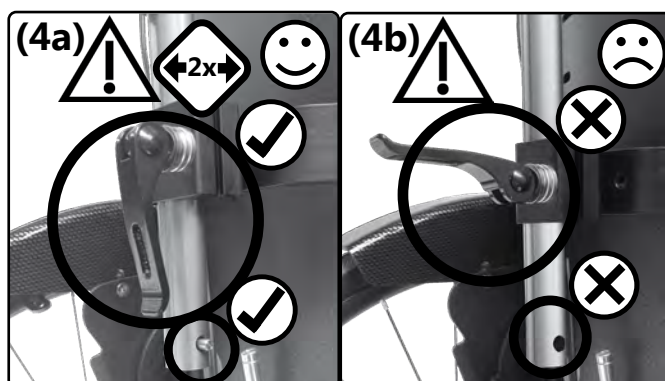
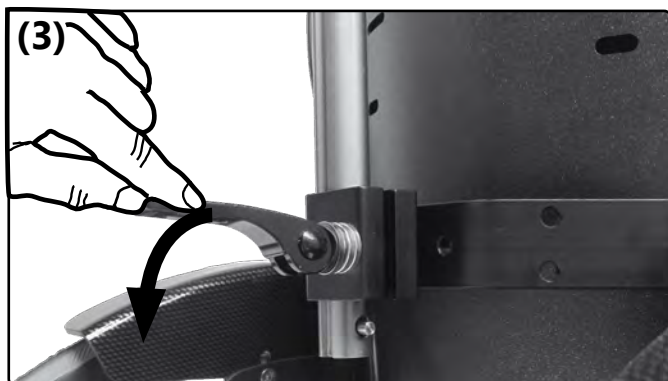
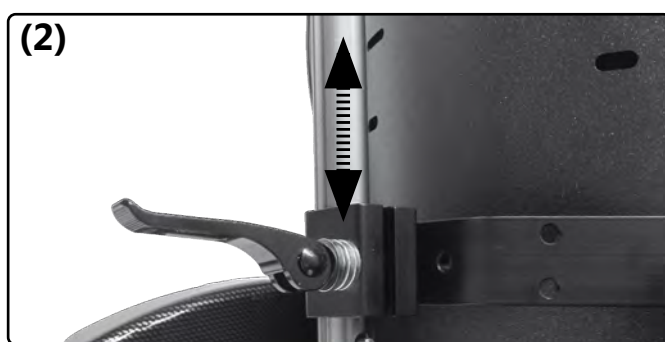
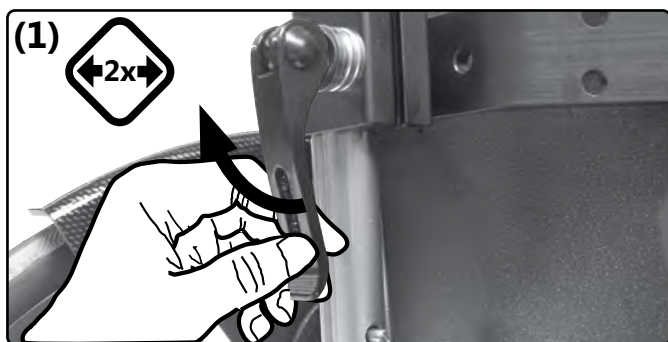
setting the eccentric clamps:



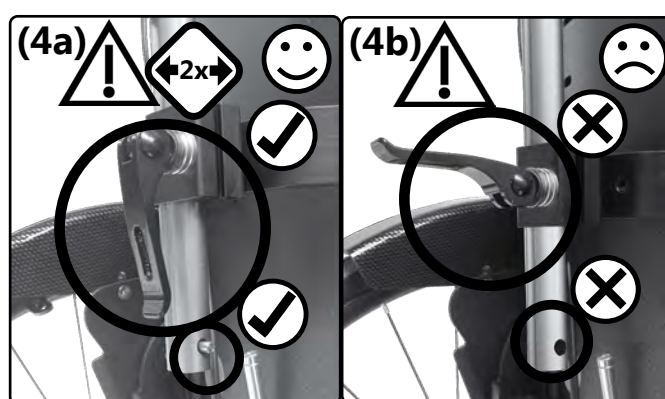
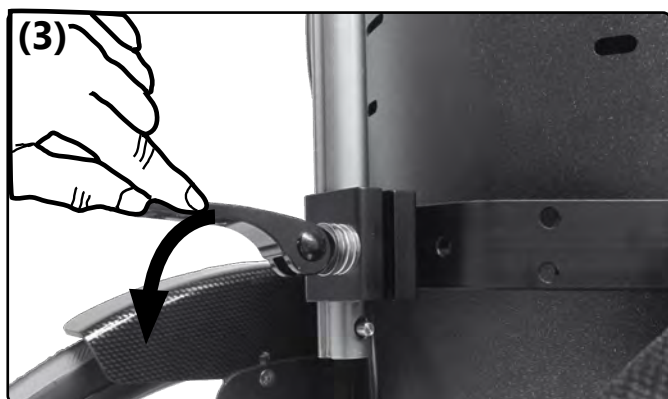
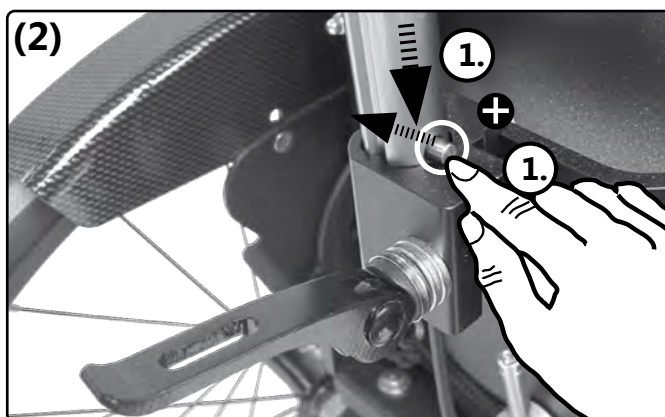
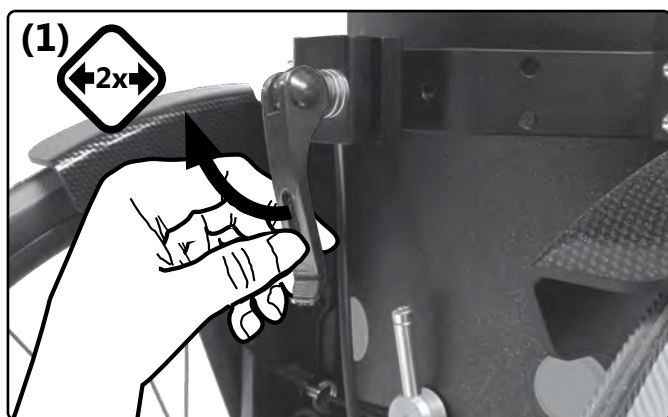
3.4 Handling push aids

3.4.2 push handles

adjusting the height:



putting on (remove: proceed analogously in reverse order):

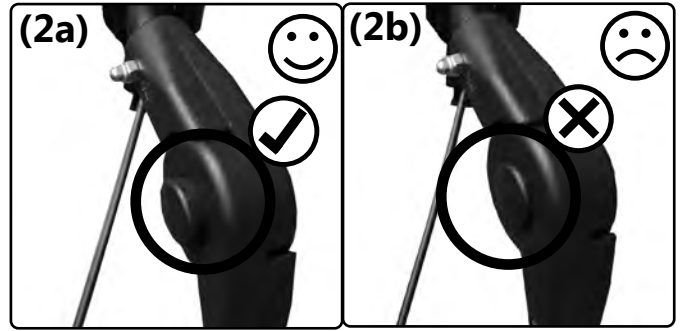
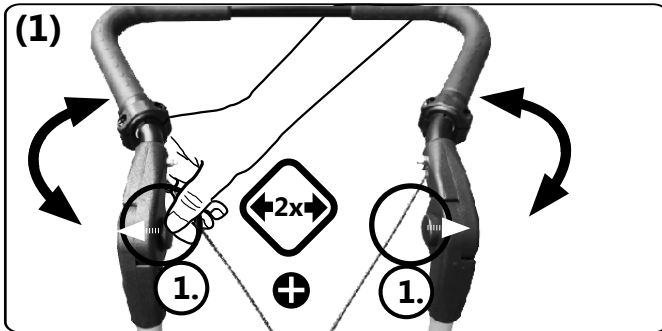


3.4 Handling push aids

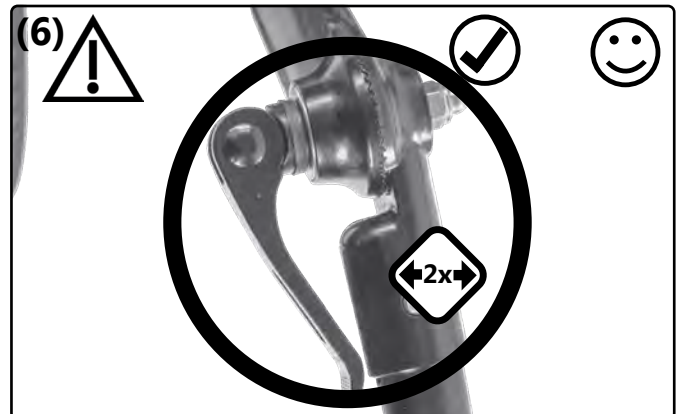
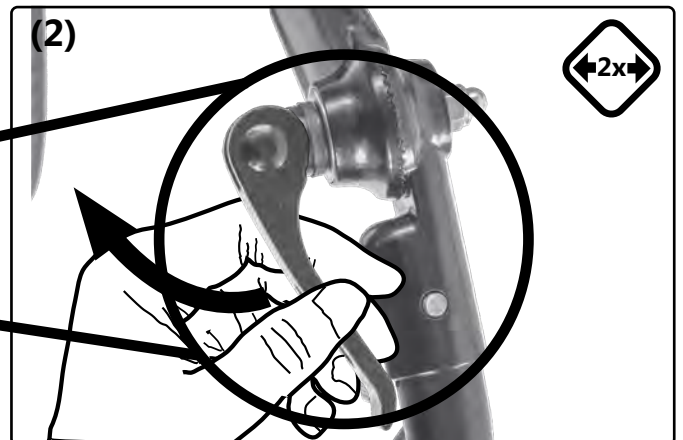
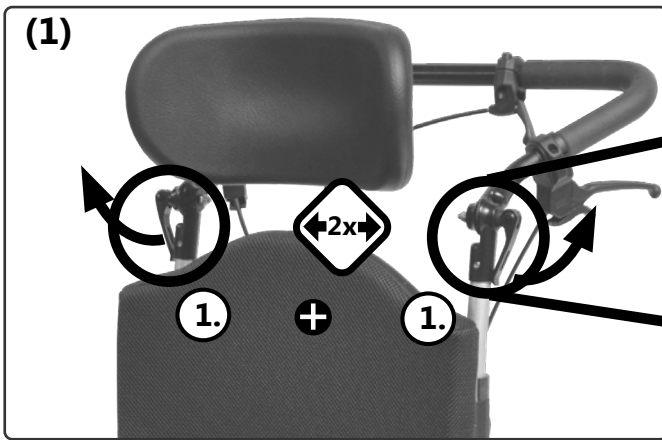
3.4.3 push bail

adjusting the angle:

plastic joint:



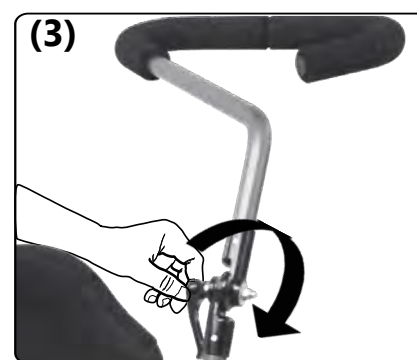
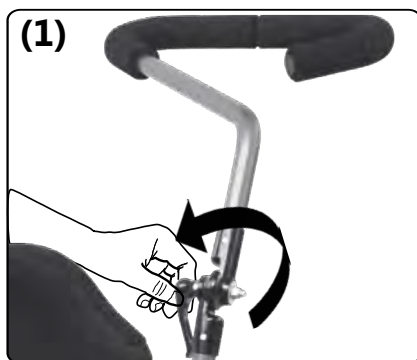
metal joint:



3.4 Handling push aids

3.4.4 Single hand push handle

adjusting the angle



3.5 Handling leg supports

3.5.1 General indications

Types of leg supports and their handling:

Model 1:

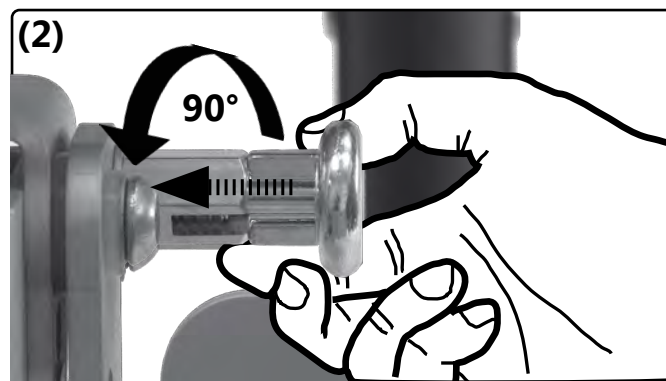
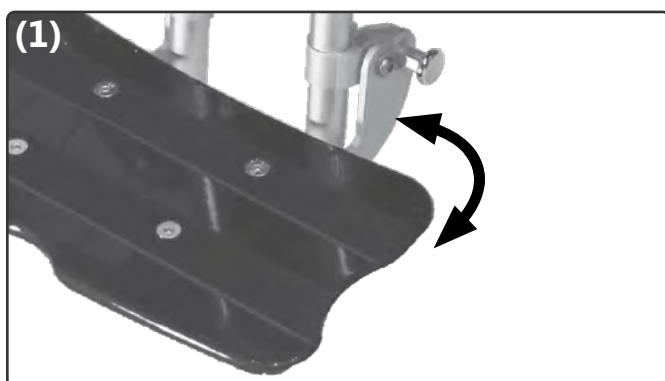


Model 2:



3.5.2 Foot plate which folds up with lock

lock (unlock: proceed analogously in reverse order):

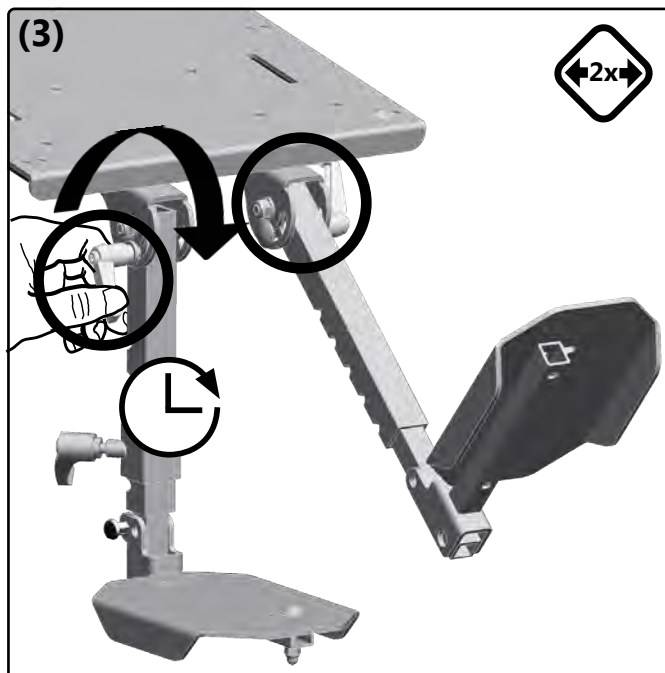
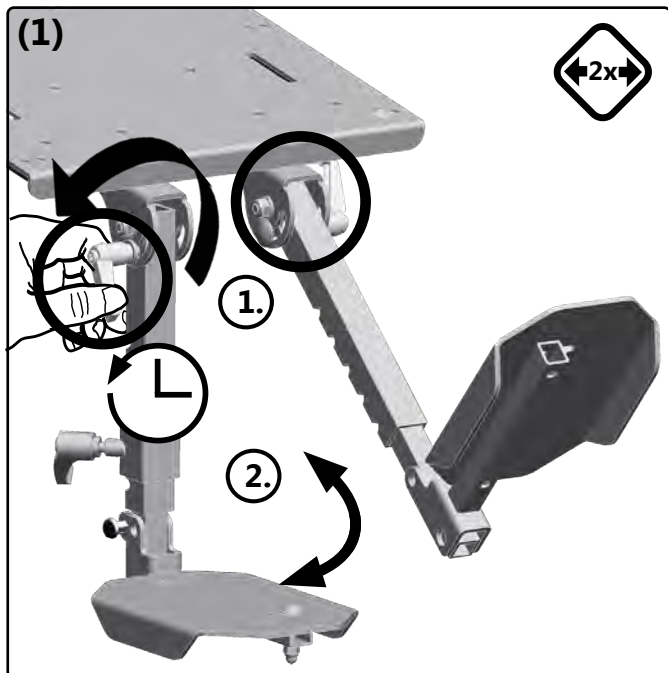


Make sure that you do not lean too far out of the wheelchair when handling the lock.

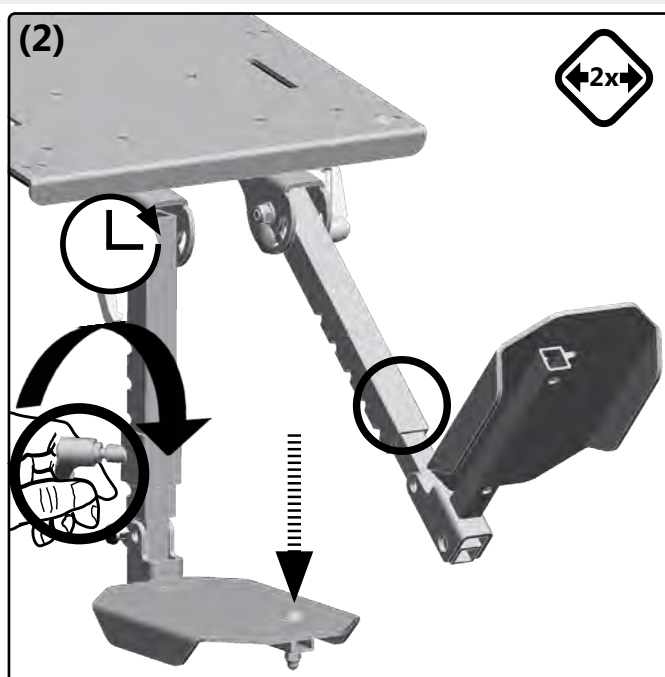
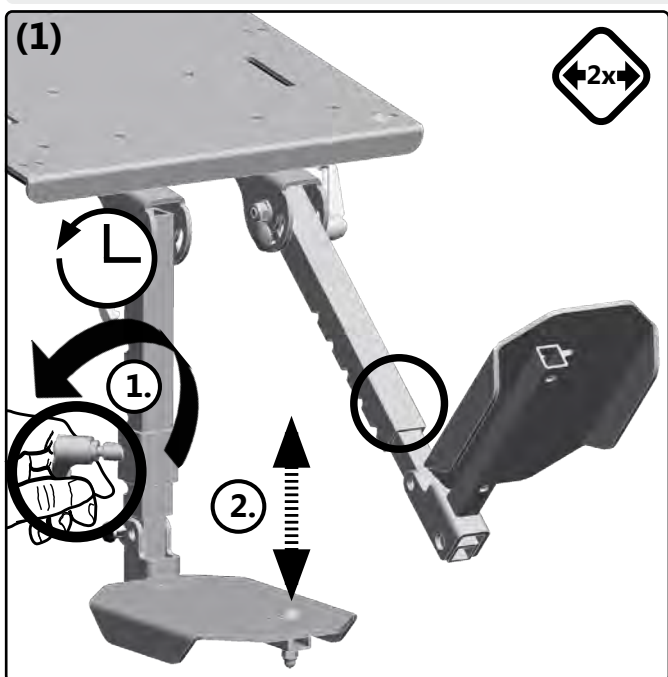
3.5 Handling leg support

3.5.3 divided foot plate

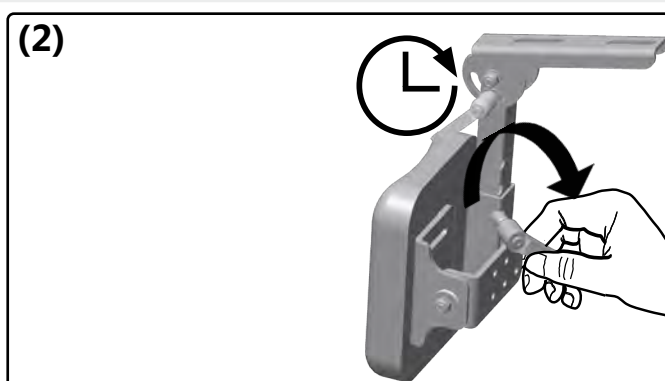
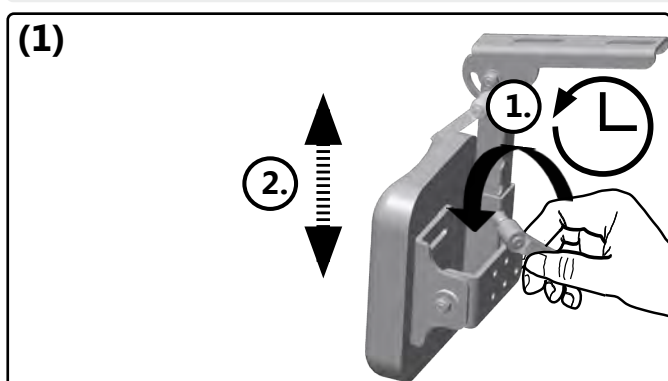
flip up (flip down: proceed analogously in reverse order):



setting the length:



adjusting the length of the calf support:



3.6 Handling brake

3.6.1 General indication

Check the functionality of the brakes before each use! If the braking effect wears off, contact your retailer immediately.

Possible impairments or malfunctions can be caused by:

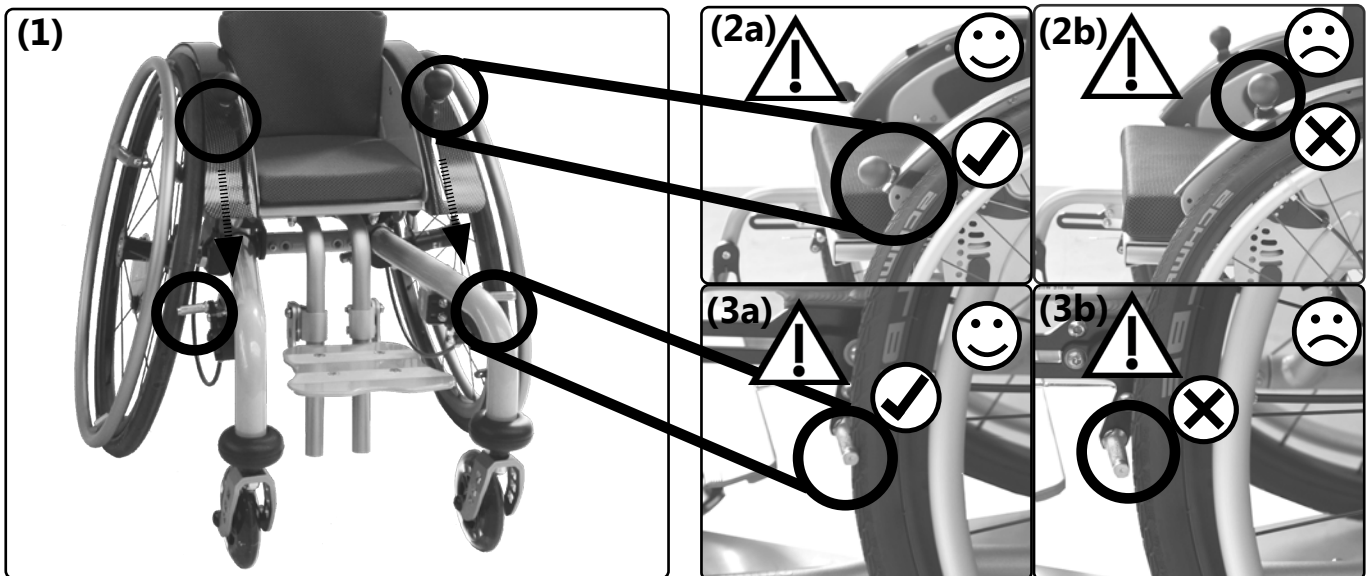
- dirty or incorrectly adjusted brakes,
- defective cables,
- too great distance between the brake pressure pin and the tire,
- too low tire pressure (information on the tire casing),
- wetness, snow, mud, etc.,
- worn tread,
- worn or dirty brake pressure bolts.

The wheelchair is not ready for use until all malfunctions of the brakes have been corrected.

Always check the functionality and secure lock of the brakes on slopes.

setting the cable brake:

The cable brake is a wheel lock and **not** to brake while driving.

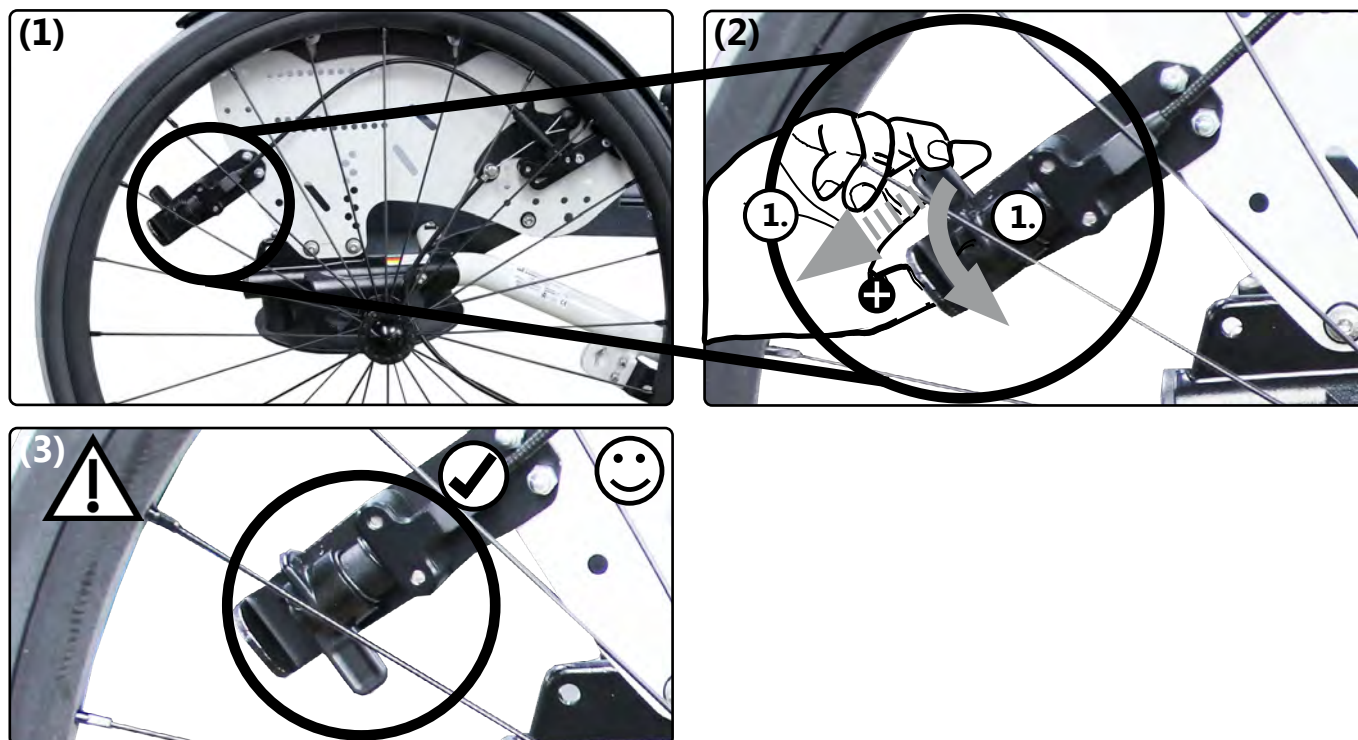


3.6 Handling brake

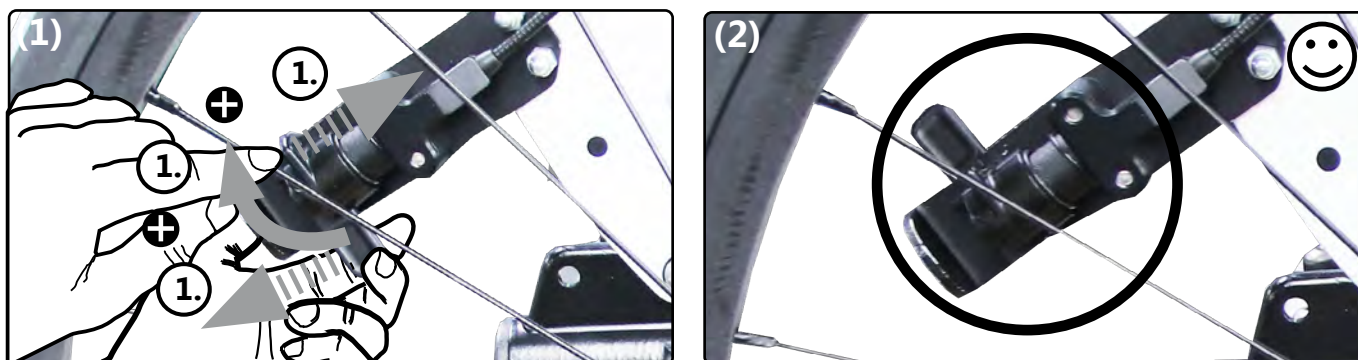
lock:

The use of the lock can lead to a dangerous situation. Permanent supervision from a care taker is important.

First set the brake to the deisire position (braked/unbraked) and fixate it as follows:



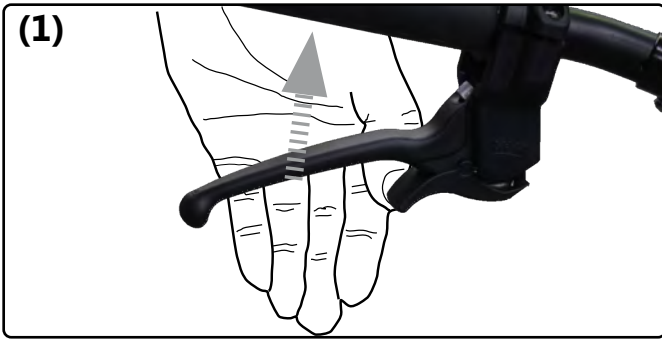
unlock:



3.6 Handling brake

3.6.2 drum brake

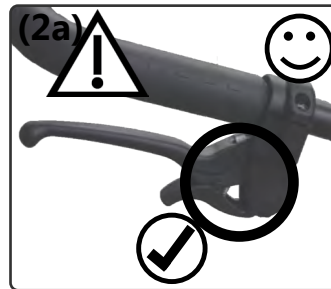
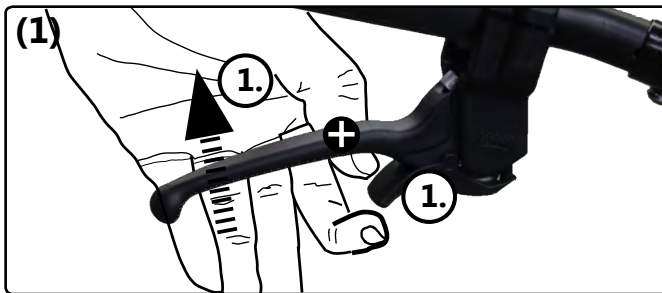
braking:



⚠ Uneven use of both brake levers creates cornering.

⚠ Clean the brake block of the drum brake wheels in short intervals with a soft brush.

setting:



loosen:



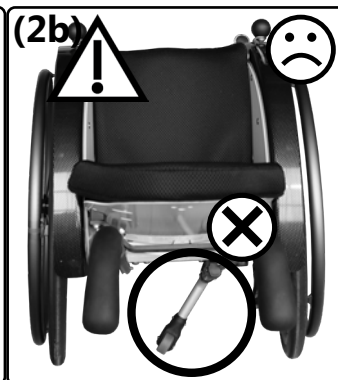
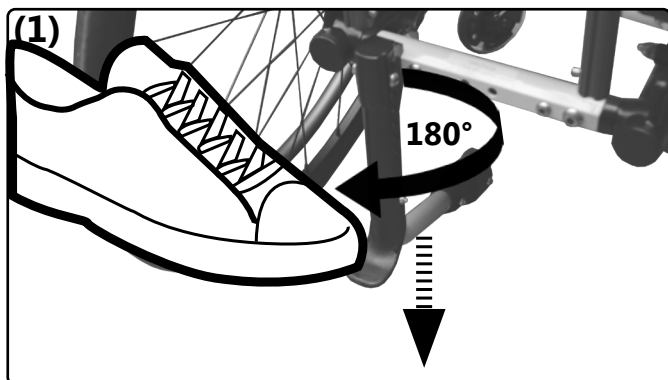
3.7 Handling anti-tipper

3.7.1 General indications

In the case of leg amputations, a wheel base extension, or at least an anti-tipper should be used to improve the tipping stability.

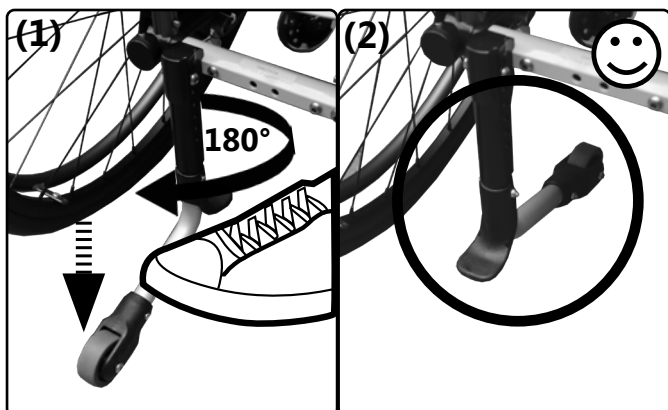
A wheel base extension is **not** a replacement for an anti-tipper.

activate:



The anti-tipper must always snap back into place when in its final position.

deactivate:



Always turn the anti-tipper only 180° from the deactivated position to the active position. Avoid fully turning in one direction, otherwise the tension spring inside the anti-tipper will be damaged and the anti-tipper may lose its functionality.

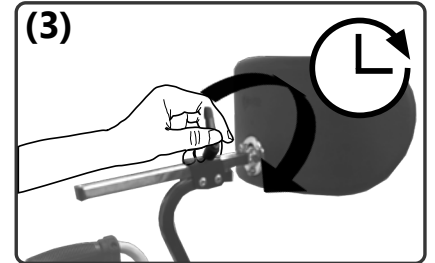
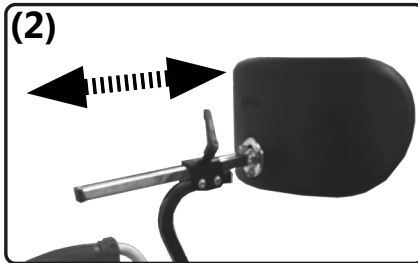
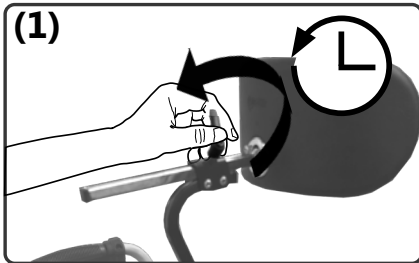
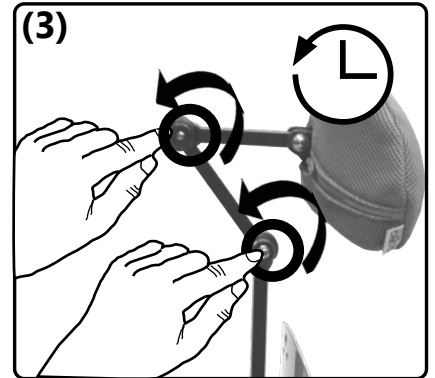
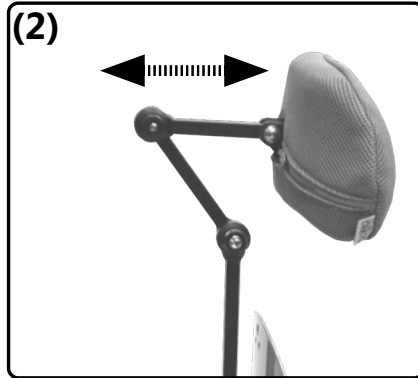
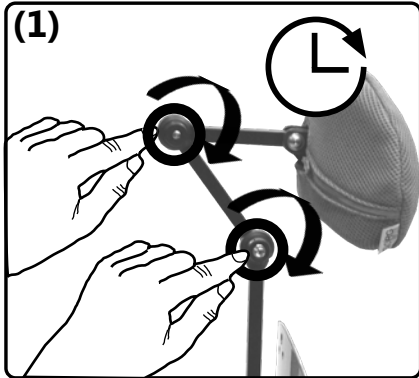
3.8 Handling head rest

3.8.1 General indications

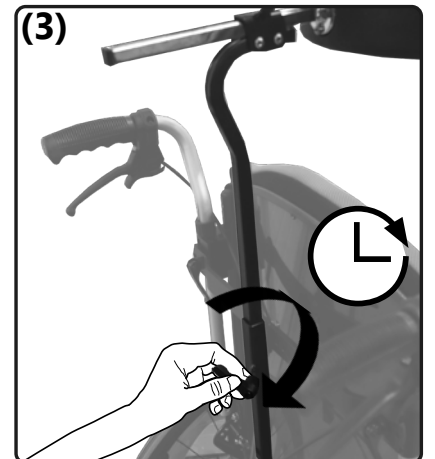
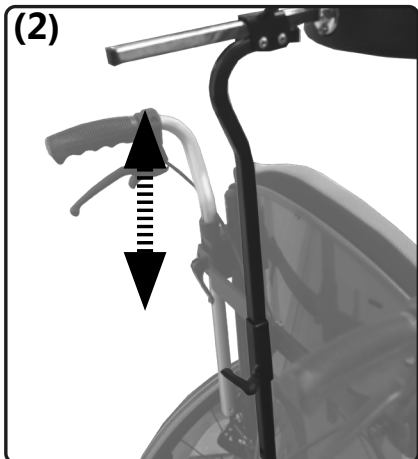
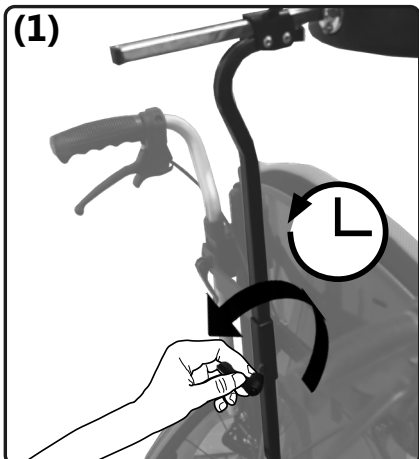
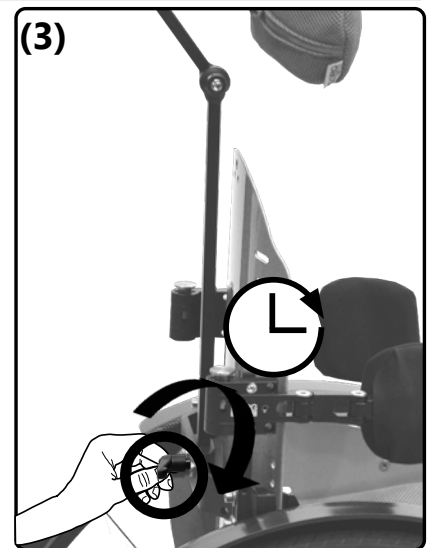
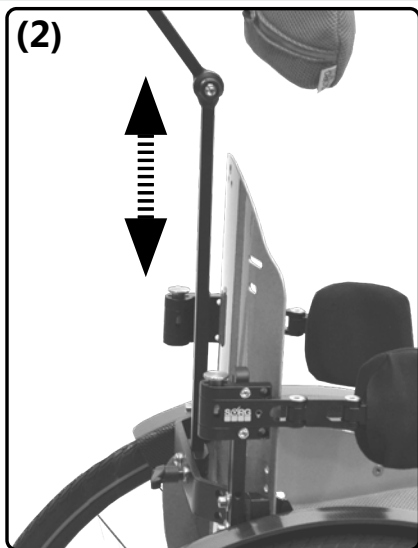
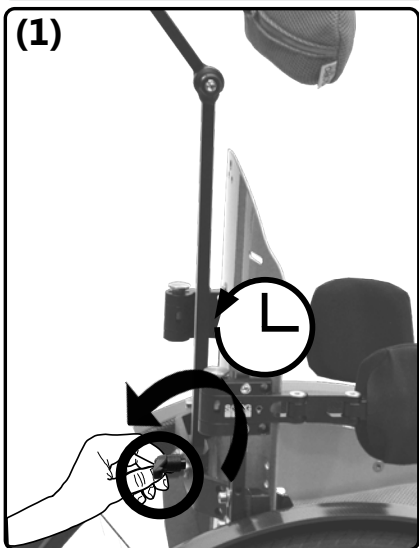
The lightweight headrest is not approved as a head rest for transport in a vehicle.



setting the distance:



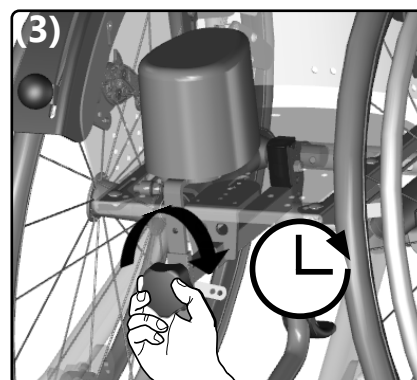
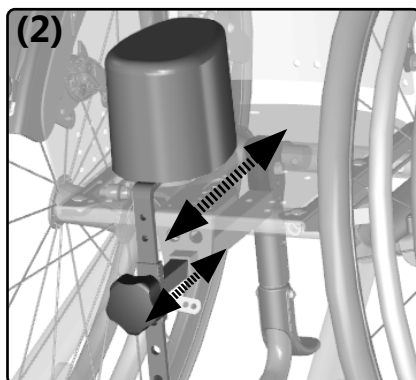
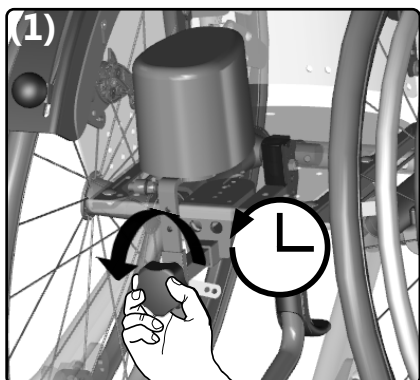
setting the height:



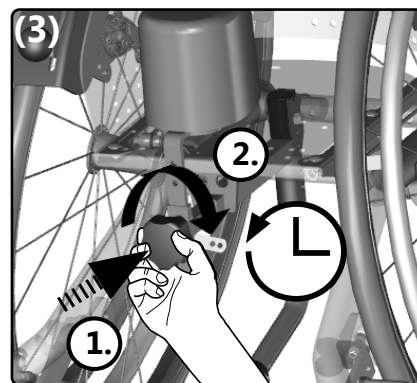
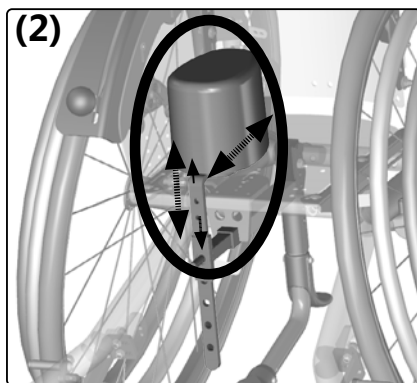
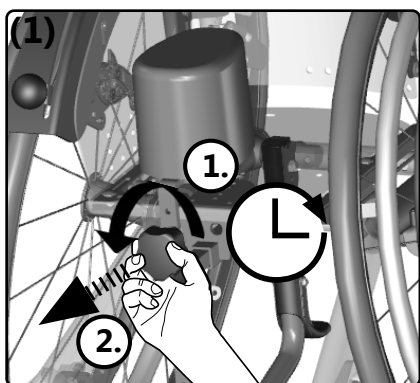
3.9 Handling abduction wedge

3.9.1 General indications

setting the distance:



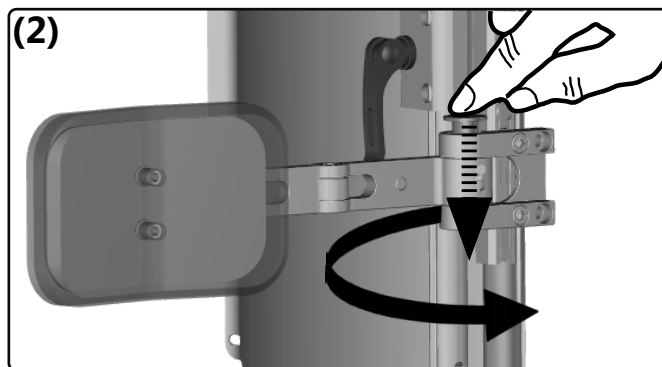
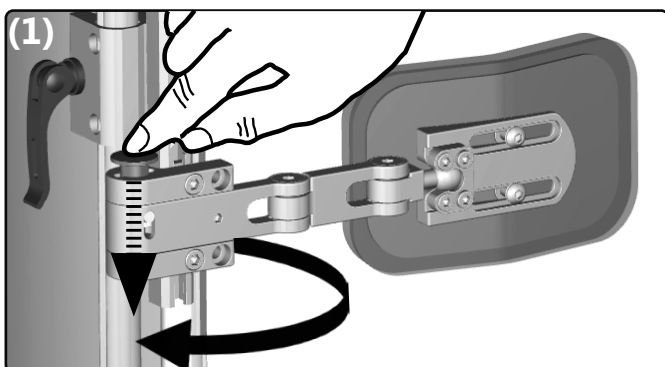
setting the height:



3.10 Handling side truss pads

3.10.1 General indications

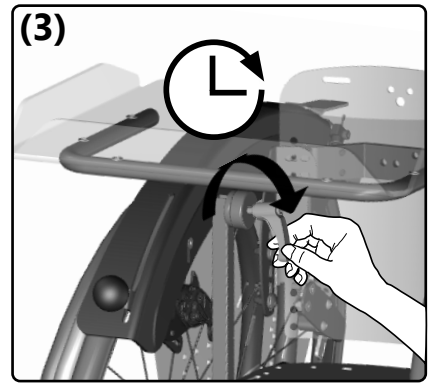
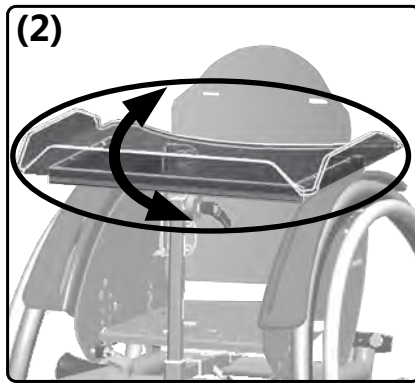
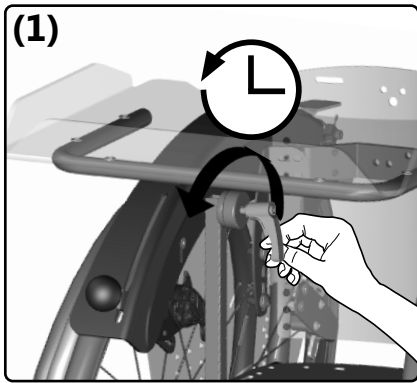
open / close:



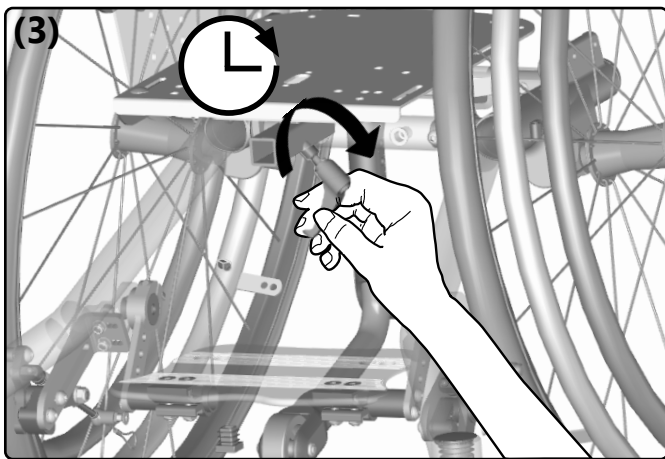
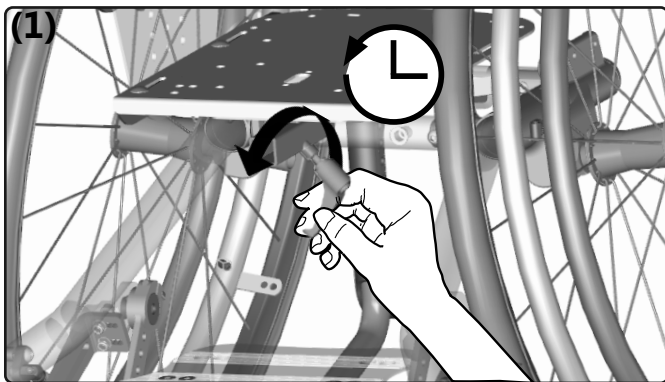
3.11 Handling therapy table

3.11.1 General indications

setting the angle:

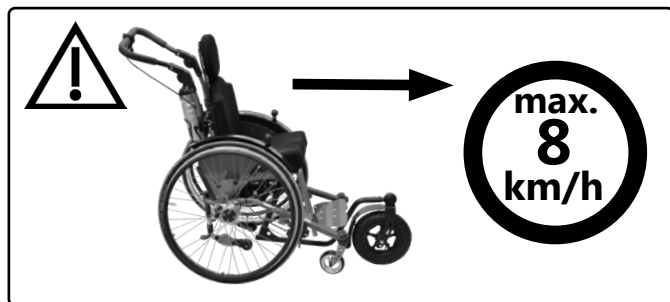


setting the height:



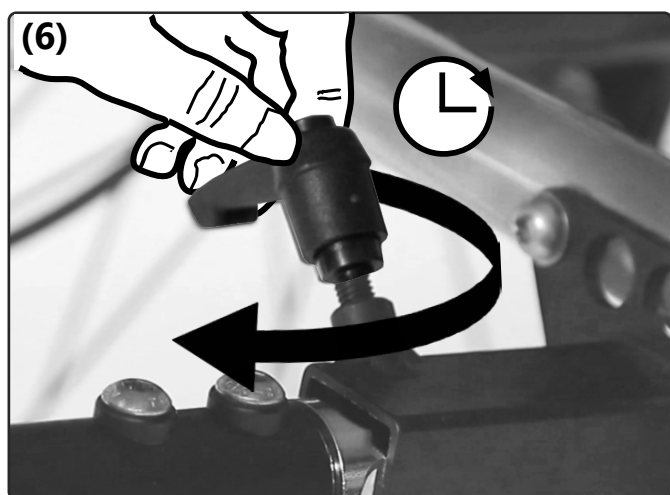
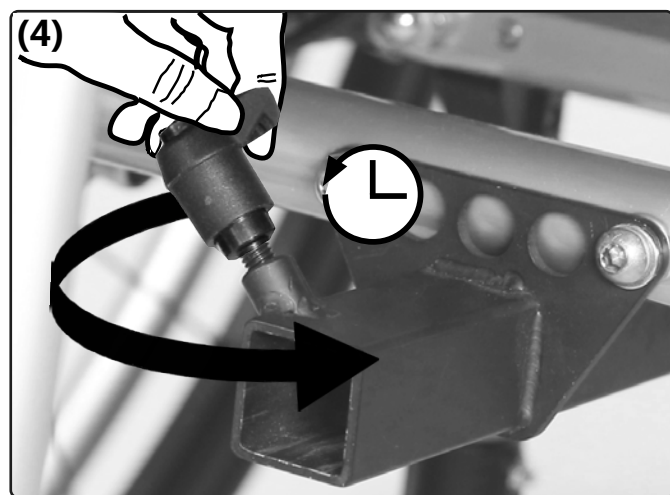
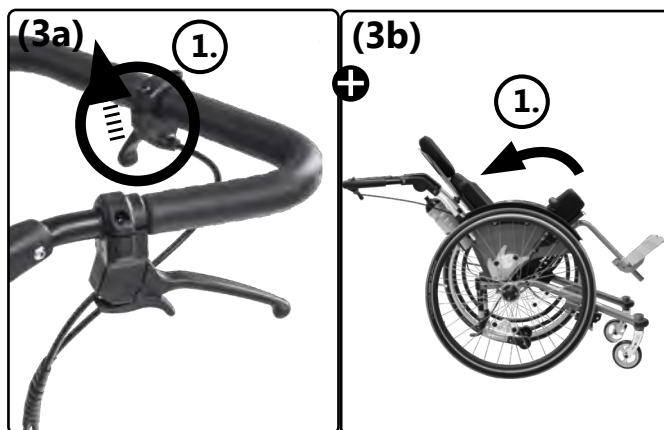
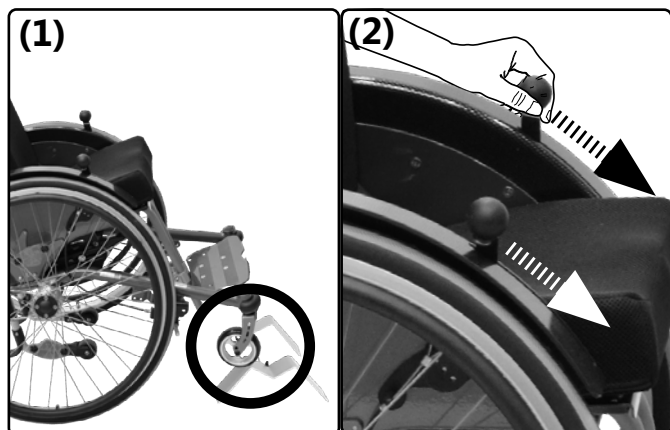
3.12 Handling outdoor-front-end

3.12.1 General indications



⚠ Please note the max. load of the wheelchair, this also applies to the outdoor-front-end.

mounting (demounting: In picture 4 proceed in opposite direction):



3.13 Handling sun shade

3.13.1 General indications

The sun shade can heat up to 42° with strong sun light.

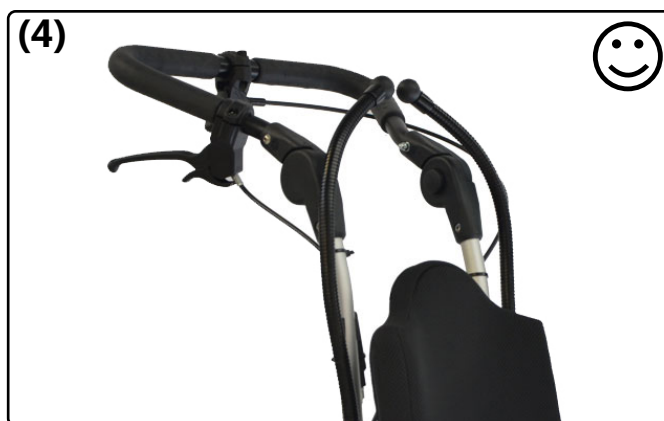
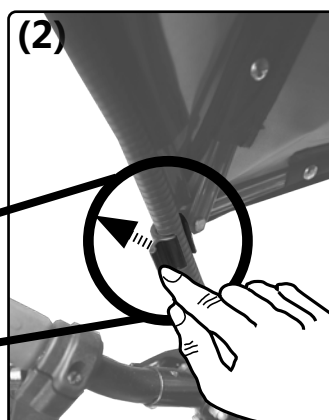
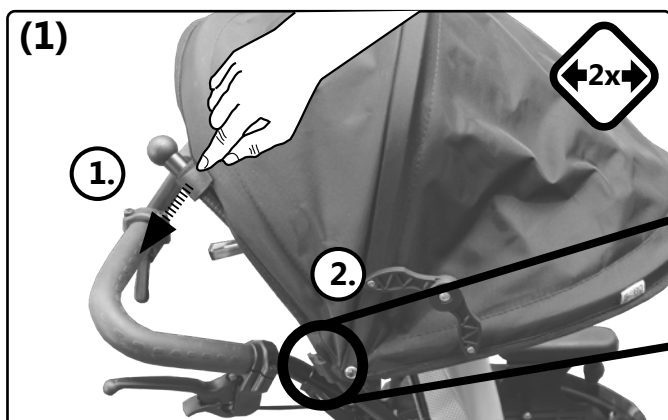
Never carry the wheelchair over an obstacle by the sun shade.

The sun shade does not protect against rain.

fold up (fold out: proceed analogously in reverse order):



remove (put on: proceed analogously in reverse order)::



4 Repairs maintenance/reinstatement

4.1 Repairs

Repairs are to be done by your specialized retailer.

4.2 Spare parts

Only original spare parts can be used! They are available at your medical supply store.

The spare parts can be downloaded at www.sorgrollstuhltechnik.de or can be requested directly from us.

For a correct delivery of spare parts the appropriate serial number of the wheelchair is to be stated. You will find the number on the type label on the wheelchair's frame.

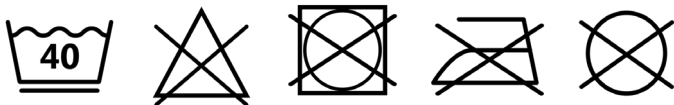
4.3 Maintenance

Clean the wheelchair and all components regularly with a mild household water-based cleaner and then dry it thoroughly.

In addition, clean the rear wheels and the caster and free the axles of dirt and impurities (e.g. hair etc.).

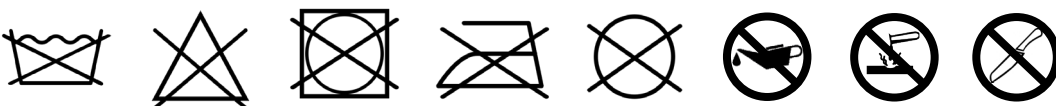
wash textile parts:

care directions:



wipe off leather, straps and other upholstery:

care directions:



4.4 Desinfection

Before each disinfection the parts should be cleaned off first. For disinfection use a household water-based agent. Observe the instructions of the respective manufacturer.

4.5 Storage

- Carry out cleaning
- Fold foldable wheelchair (if available)
- Adjust seat tilt to 90° (if available)
- If necessary, pack removable textile parts in foil or similar
- Secure the wheelchair from rolling away and getting dirty
- Store in a dry environment without aggressive environmental influences.

4.6 Lifespan

The expected lifespan, depending on the intensity of use and the number of re-uses, is 5 years. For this purpose, the product must be used within the intended purpose and intended use, the instructions in the instructions for use must be followed and all maintenance and service intervals must be observed.

The product can be used beyond this period if it is in a safe condition. This theoretical lifespan is not a guaranteed lifespan and is subject to a case-by-case check by specialist retailers, as is reusability.

Use beyond the specified lifespan leads to an increase in residual risks and should only be carried out after careful and qualified consideration by the operator.

The lifespan can also be shortened depending on the frequency of use, the environment and care. The usual service life does not refer to wear parts such as textile parts, wheels and plastic parts that are subject to material-specific aging and / or wear. This specified service life does not constitute an additional guarantee or guarantee.

4.7 Reinstatement

Before reuse, a full inspection according to the checklist must be carried out by a specialized retailer. All disinfection measures for reuse must be carried out according to a validated hygiene plan.


4.8 Disposal

The wheelchair may only be disposed of with the approval of the benefactor. Disposal of the wheelchair must be in accordance with the applicable national regulations.

4.9 Maintenance/Inspection

For safety reasons and to maintain product liability, an inspection by your retailer is required at least once a year. This must be carried out and documented according to the following checklist.

Checklist maintenance and care (user)

 A poor or neglected maintenance of the wheelchair represents a significant safety risk.

Before each use:

Please check:

- frame, back tubes, mounting parts and accessories for visible damages, deflections, cracks or missing/loose screws,
- wheels/quick release axles for firm fit,
- the airpressure of the tires, tire tread,
- the function of the brakes,
- firm fit of the angle adjustments/eccentric clamps,
- firm fit of seat plate/back/foot plate,
- the function of the anti-tipper/seat and back straps,
- if all previously dismantled parts are put on again or firmly locked.


Every 3 months:

(depending on use, earlier)

Please check:

- screws for firm fitting
- welds, attachments and accessories for hidden damages, deflections or cracks
- tire tread
- the firm fit of third-party systems (if available)

Clean the wheelchair and oil all moving parts.

 If you notice any defects during maintenance, please contact your specialist retailer immediately and do not use the wheelchair anymore.

Checklist yearly inspection (specialized retailer)

Template (available for download at www.sorgrollstuhltechnik.de/downloadportal)

Preparatory Work

- cleaning done

Check:

- Frame, back, mounted parts and accessories checked for damage, bends, cracks and corrosion,
- all fixing screws checked for firm fit and completeness,
- casters and rear wheels as well as the associated attachments checked for good condition, functionality and proper running qualities,
- spokes checked for firm fit and completeness,
- brakes cleaned and maintained,
- Locking mechanisms (tripod springs of push handles, quick-release axles, eccentric clamps, etc.) checked for functionality,
- anti-tipper checked for firm fit and functionality.

Oiling:

- moving parts and bearings oiled

Final check:

- functional check of all mechanical adjusting devices carried out.

5.1 Data and measurements

Model: Mio Move

Type: 604

German aid index number: 18.99.02.1020

All measurements $\pm 5\%$

Indication	Measurements		Comment
seat width (SW)	20-mm-intervals	200 to 340 mm	opt. +20 mm growable
seat depth (SD)	20-mm-intervals	180 to 360 mm	opt. +40 mm growable
back height (BH)	50-mm-intervals	250 to 450 mm	+50 mm growable
hand rim diameter		Ø 19 mm	pipe diameter
camber	9°, optional 7° or 11°		opt. also 7° or 11°
height of arm rest	ca. 200 mm		
Seat height (SH) with horizontal seat and horizontal frame	wheel 20" caster 4"/5"	375 mm	without seat cushion
	wheel 22" caster 4" - 5"	390 mm	without seat cushion
	wheel 24" caster 4" - 5"	425 mm	without seat cushion
hand rim diameter	20"	444 mm	
	22"	481 mm	
	24"	533 mm	
ETRTO wheel size 20"	451 mm	customary tires in sizes 1" (25,4mm), 1 3/8" (35mm) - sizes 355 mm (20"), 451 mm (22"), 540 mm, (24"). All puncture proof in the stated measurements.	
ETRTO wheel size 22"	489 mm		
ETRTO wheel size 24"	540 mm		
absolute width of wheelchair	min. max.	SW + 320 mm, SW + 370 mm	
absolute length of wheelchair without push handles	with 20"	656 mm	
	with 22"	716 mm	
	with 24"	780 mm	
absolute height of wheelchair without push handles	min.	620 mm	
	max.	990 mm	
height when back is folded	min.	475 mm	seat mounted at lowest position
	max.	525 mm	
back angle	78 - 126°		
turning circle	min. 1000 mm	with 20"-wheels	dependent on the wheelchair size
empty weight min. with SW 200mm, ST 200 mm, 20" wheels, 4" PU casters	14,1 kg		equipped with: frame, rear wheels, hand rims, casters, parking brake, foot plate, side guards, clothes guards and anti-tipper.
wheels:	standard, profile, light weight	optional light weight-drum brake-wheels	
casters:	4", 5"	LED, solid rubber black with aluminum rims, polyurethane grey with synthetic rim	
tire pressure:	Information on the tire casing (6-8 bar)		
tires:	commercial pneumatic tires (1" or 1 3/8" or puncture proof tires (same dimensions)	optional Schwalbe Marathon Plus, pneumatic tires with puncture proof insert	
support point:	back frame tube		
heaviest piece:	rear wheels 1,2-2,2 kg		
Max. weight capacity/ weight testdummy	50 kg		
length of use of the wheelchair	3 years	at not excessive demand	
life cycle of the wheelchair	5 years		
normative requirements	The wheelchair meets the requirements of ISO 7176-8 and the requirements against ignition.		

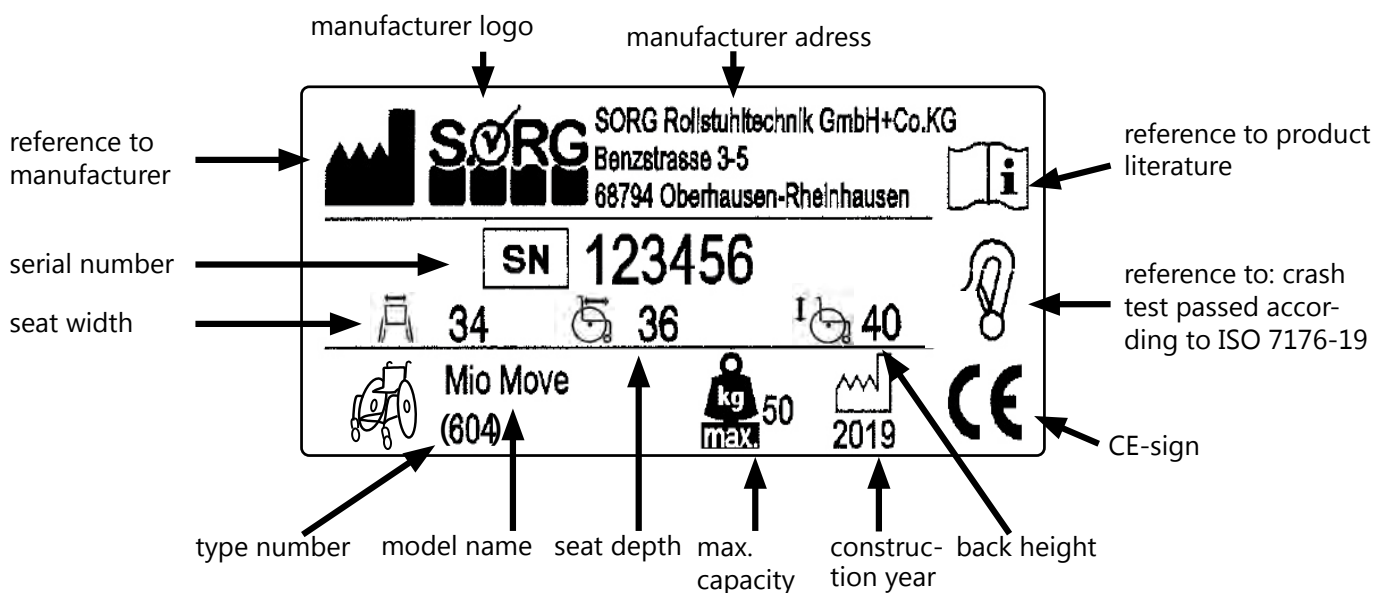
5 Technical data

5.2 Meaning of labels

The meaning of the individual labels is explained in the texts at the respective place.

If the type plate is damaged or gets lost, a new one can be ordered from SORG Rollstuhltechnik.

type plate:



5.3 Declaration of conformity

SORG Rollstuhltechnik declares that the product Mio (Design 2018) a class 1 device is and it complies with the EU Guideline (EU) 2017/745 on medical devices.

This was confirmed by a conformity assessment procedure according to the medical Product Guidelines.

If the product is not modified with SORG wheelchair technology, this declaration will lose its validity.



6 Verification of yearly inspection

Documentation yearly inspection

For safety reasons and to maintain product liability, an inspection by your retailer is required at least once a year.

serial number: _____

- yearly inspection conducted according to check list (year 1)

comments:

stamp:

 date/ retailer's signature

- yearly inspection conducted according to check list (year 2)

comments:

stamp:

 date/ retailer's signature

- yearly inspection conducted according to check list (year 3)

comments:

stamp:

 date/ retailer's signature

- yearly inspection conducted according to check list (year 4)

comments:

stamp:

 date/ retailer's signature

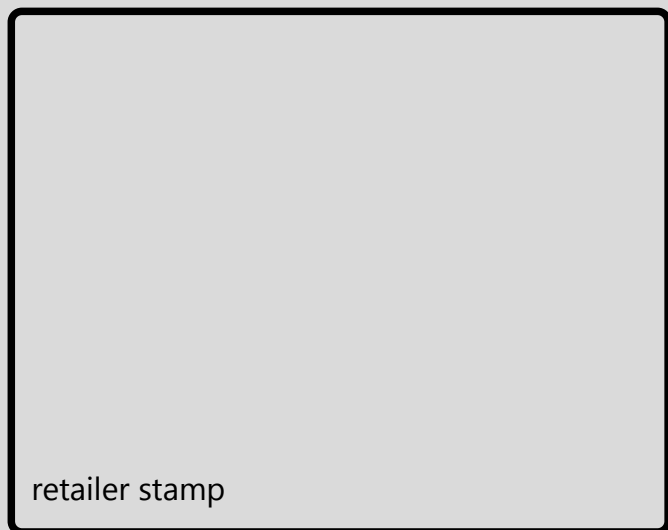
- yearly inspection conducted according to check list (year 5)

comments:

stamp:

 date/ retailer's signature

Instructions of use Mio Move



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