ENG

Loop[SORG] RS

Instructions for use

MADE IN GERMANY

Unique people, unique solutions

Imprint
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Technical changes and misprints reserved. The pictures in this Instructions for use can differ from the actual equipment components. However, a corresponding conduction is possible.

Our terms and conditions can be found on our order forms and at www.sorgrollstuhltechnik.de/impressum

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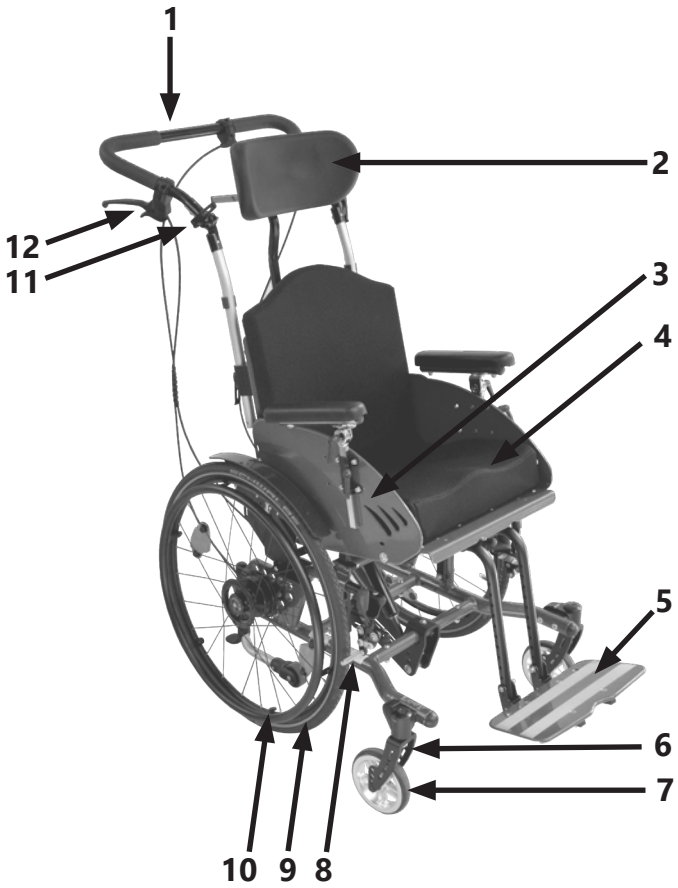

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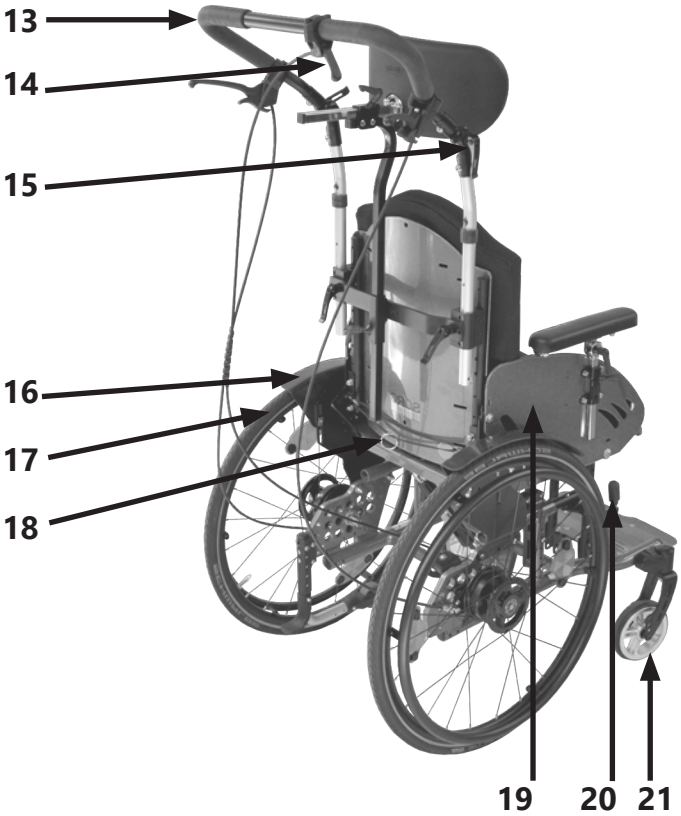

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2 General information

2.1 Preface

A warm welcome to the SORG family – many thanks for the trust you have placed in us and for choosing our product.

This wheelchair has been individually tailored to meet your specific requirements.

You will find the usage and adjustment instructions below so that you can use the wheelchair in everyday life without tools. Please observe these instructions and handle the wheelchair carefully so that you can enjoy it for as long as possible.

Please do not hesitate to contact us if you have any questions about this or any other product.

We hope you enjoy using your SORG product.

Your SORG team

2.2 General information regarding instructions for use

These instructions for use contain safety information and handling instructions that are necessary for the correct use of the product.

All settings, adjustments and repairs beyond the scope of these instructions for use, and the annual inspection, must be carried out by a qualified specialist dealer.

You can find more information about this in our service record, which can be accessed at www.sorgrollstuhltechnik.de

The user and specialist dealer must have read and understood these instructions before commissioning. These instructions for use cover all equipment variants of the product. Have your consultant instruct you on the safe handling of the wheelchair and your individual equipment variants on level ground and with the support of an accompanying person.

Those with impaired vision can find these instructions for use on our website www.sorgrollstuhltechnik.de as PDF and audio files.
Please contact your specialist dealer or our team if you have any questions or comments (+49 7254 9279-0).

Keep these instructions for use in a safe place. All annual inspections carried out must be documented by the specialist dealer.

2.2.1 Signs and Symbols

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

CORRECT safety adjustment/ use

INCORRECT 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/ remove

Push in specific direction

Setting or adjusting the angle

open/close

Turn clockwise

Turn counterclockwise

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

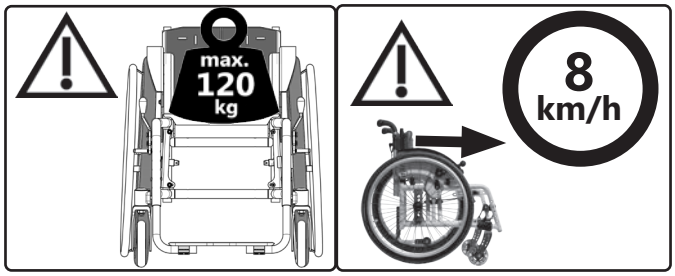
view from the back

fasten parts

remove parts

2.2.2 Intended purpose

The Loop[SORGR]RS is a growable wheelchair with a tilting function intended for indoor and outdoor use.



The wheelchair is designed solely for the transport of the person for whom it has been specially adapted by a qualified specialist dealer.

Parents or authorised guardians must ensure that the information in the instructions for use is followed for children or persons with impaired capacities.

The safest possible use of the aid is only possible on level, firm and dry ground with the anti-tipper activated and with the help of an accompanying person.

⚠ Any use beyond this entails taking a variety of risks for which only the user themselves can take responsibility. This requires sufficient competence in identifying and avoiding hazards and safe handling of the aid by the user! An increased hazard potential must be taken into account, especially in wet conditions, ice, loose ground, slopes, obstacles, close proximity to water, road traffic, narrow spaces, etc.

⚠ Only use the wheelchair for its intended purpose. Any improper use of the product involves considerable risks and will invalidate product liability.

⚠ The large variety of combinations for seat and wheel position means that settings can be made that are outside the safety and application range.

2.2.3 Indication

Use is suitable for the following, among others:

- in all forms of therapy for alternating placement and positioning,
- for stimulation/strengthening of the complete metabolism, the vegetative nervous system and/or the complete cardiovascular system,
- for activation, preservation and development of the entire tonicity or individual muscle groups,
- for the development/strengthening of the entire skeleton,
- for slowing down or restricting of scoliotic developments,
- for slowing down or restricting of atrophic or dystrophic modifications of the musculature,
- for stimulation/strengthening of sensitive integration (perception or vestibular stimulation),
- for all forms of paresis and/or neuromuscular conditions,
- for rehabilitation after serious (craniocerebral) trauma,
- for all forms of therapy in relation to cerebral dominance

2.2.4 Contraindication

Active use is unsuitable for:

- serious perception and balance disorders,
- loss of limbs on both arms,
- joint contractures/joint damage on both arms,
- inability to sit,
- insufficient eyesight.

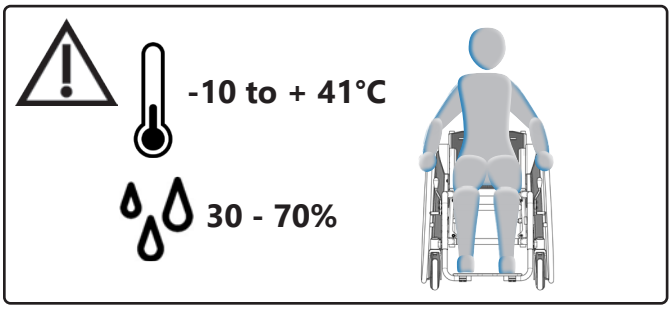
⚠ We accept **no** liability for damage to persons or objects resulting from the circumstances described above.

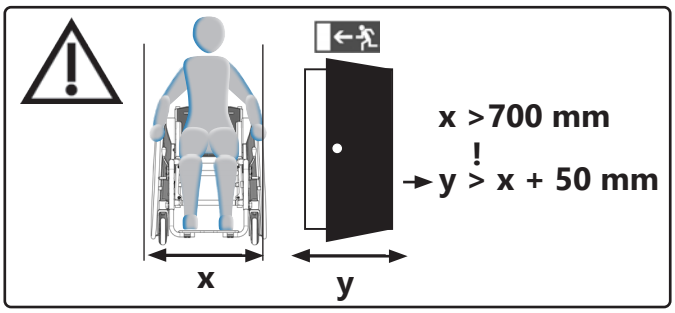
2.3 General safety information

⚠ **Before each use, check:**

- the frame, back tubes, add-on parts and accessories for visible damage, bending, cracks or missing or loose screws,
- the wheels and quick-release axles for tightness,
- that the inflation pressure and tyre tread are sufficient,
- that the brakes are working properly,
- that the angle adjustment elements/ eccentric clamps are secure,
- that the seat plate/ back/ footrest are tightly locked,
- that the anti-tipper/seat and back belts are functioning correctly,
- that all previously dismantled components have been reconnected and firmly locked.

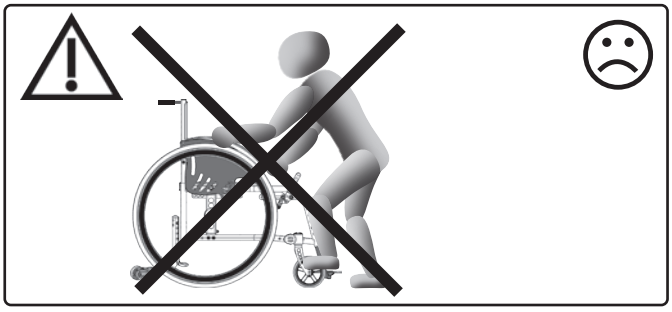
⚠ There is a risk of injury (e.g. due to crushing) from all rotating, swivelling or foldable components, even during adjustment and repair work and during transport.





Danger of tipping over and overturning

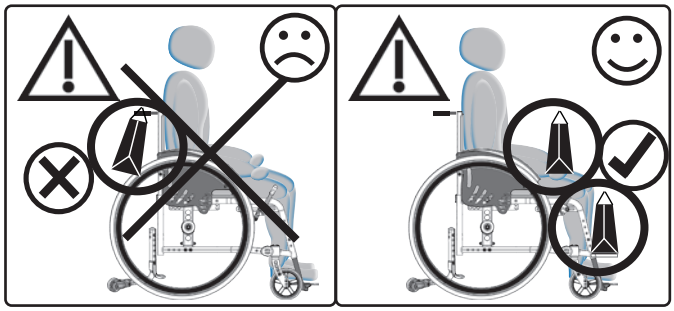
⚠ Occupants must only get in and out of the wheelchair with the wheel lock and anti-tipper engaged.

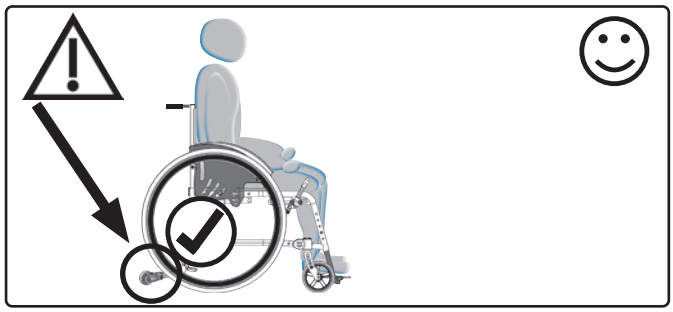


⚠ Do not use the footrest(s) for getting in and out of the wheelchair, The wheelchair might tilt forward.

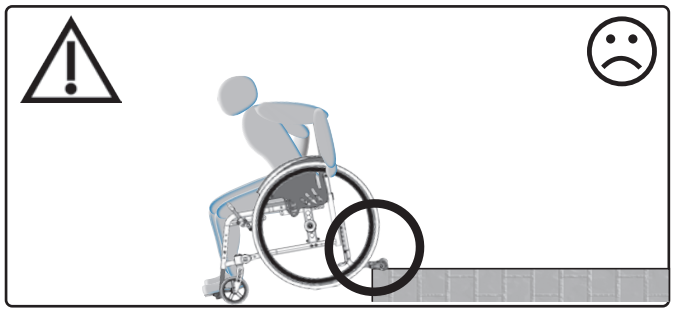
⚠ The risks listed as examples below may occur when dismantling the following parts/ accessories:

- Footrest: legs may get caught during transport and wheelchair access
- Headrest: missing headrest or loss during transport
- Arm rests: loss during transport
- Seat shell adapter: loss or no attachment of the seat shell possible during transport
- Seat shell back guide: loss or no attachment of the seat shell possible during transport
- Push bail: loss or missing pushing option during transport / wheelchair access

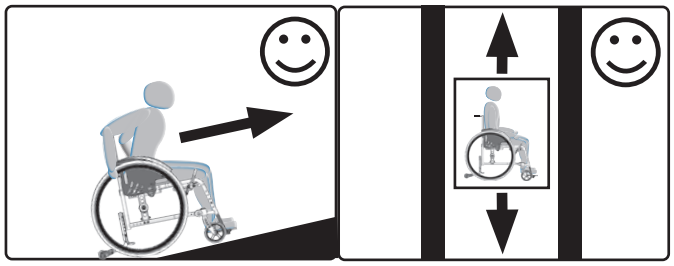


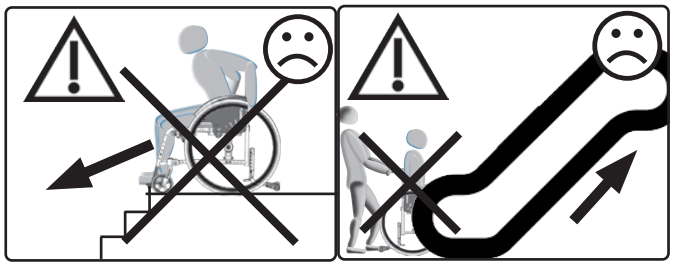


⚠ We strongly recommend the use of the anti-tipper.

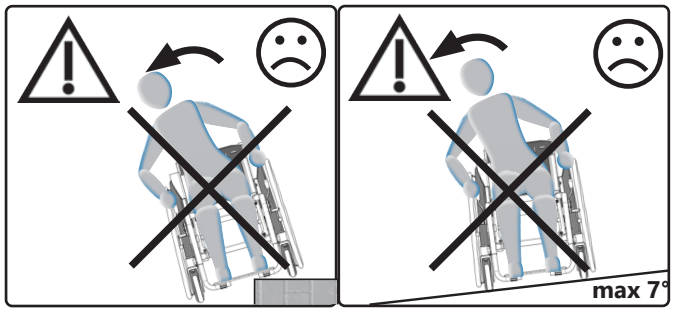


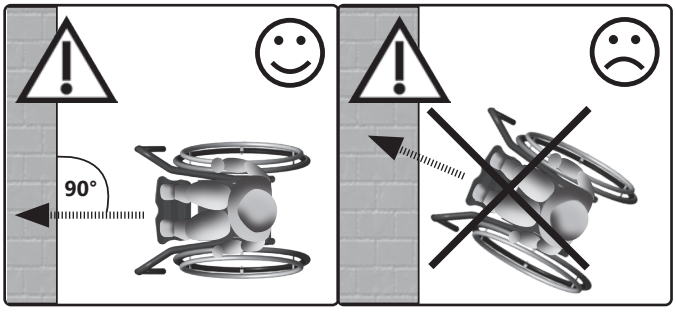
⚠ The anti-tipper must be deactivated when moving down over edges.



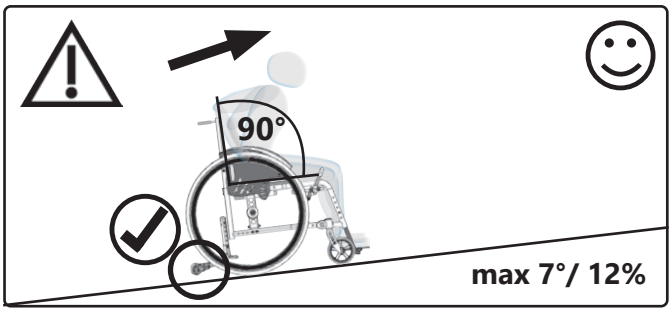


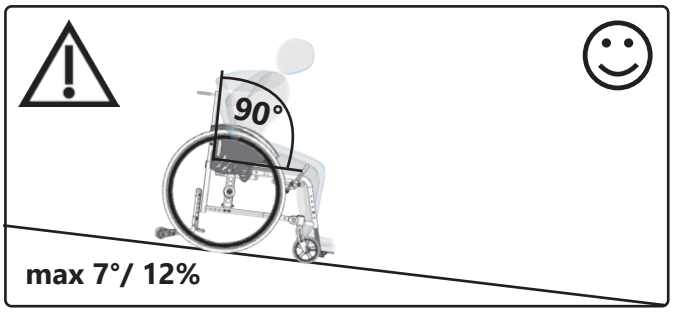
⚠ Only negotiate stairs with the help of experienced assistants. The anti-tipper must be deactivated when doing so. The wheelchair must always be carried by the **frame only**, **never** by the seat shell, the extendable push handle(s), push bail, handle bar, leg supports and/or the footrest(s)!





Inclines, downward gradients and obstacles





2.3.1 Loading and transport without occupants

Make sure that the packing size you require is suitable and secure the wheelchair and all dismantled components with sufficient load securing. The wheelchair is suitable for transport (land/air) in principle. Inform yourself about suitable load securing precautions before wheelchair transport.

Carrying points:

- Frame tubes, rear l/r
- Frame tubes, front l/r
- But **not** on the footrests.

2.3.2 Transport of the wheelchair with passengers in a motor vehicle

⚠ The characteristics of wheelchairs mean that they can never achieve the stable properties of a fixed seating system in a vehicle. Wherever possible, we recommend using a fixed vehicle seat to transport a person in a motor vehicle.

⚠ Only wheelchairs that have successfully passed a crash test in accordance with ISO 7176-19 may be used as seats in motor vehicles. Successfully tested wheelchairs are provided with the symbol for the attachment point on the affixed nameplate.

The Loop[SORG] RS has been successfully tested in accordance with ISO 7176-19 and is therefore approved for use as a seat in a motor vehicle provided that it is fitted with the necessary restraint systems.

⚠ Please check whether your wheelchair is custom-made because it may not be suitable for use as a seat in a motor vehicle. If this is the case, the symbol for the attachment point will be missing from the nameplate and the wheelchair will be marked with a warning, represented by the crossed-out symbol for the attachment point.

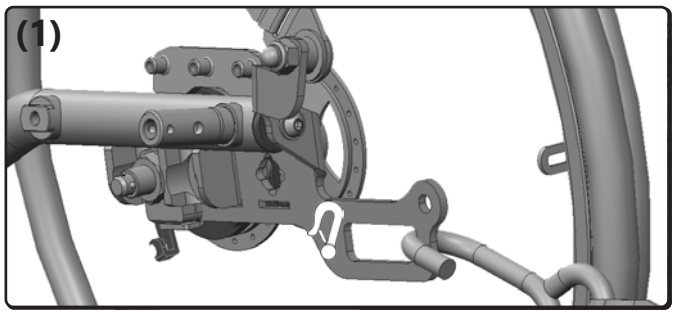
More information can be found in the crash test brochure at www.sorgrollstuhltechnik.de/downloadportal.

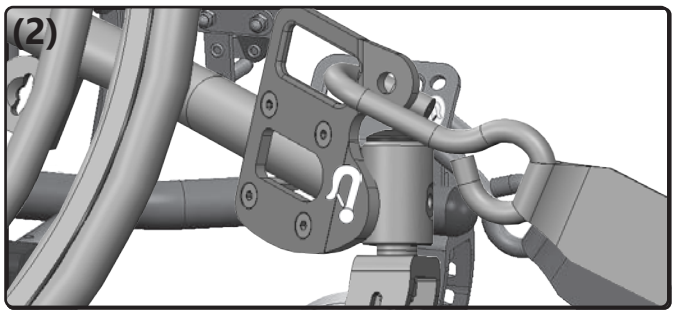
We can recommend the following manufacturers of restraint systems:

- SORG restraining eyelets on wheelchairs
- AMF-BRUNS GmbH & Co.KG
- Q'Straint Europe

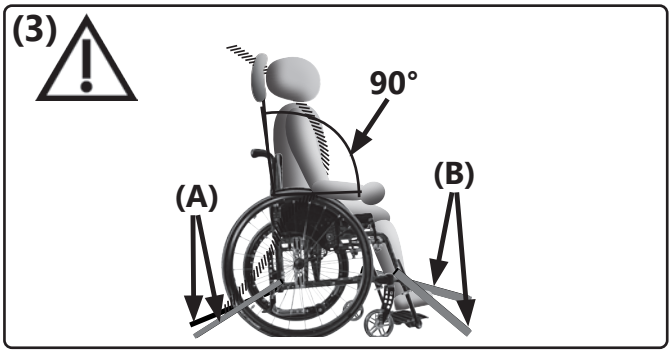
Attachment points/methods for transport in motor vehicles

⚠ When using the wheelchair as a seat in a motor vehicle, only the positions marked with the symbol for the attachment point should be used. These can usually be found at the back left and right **(1)** and at the front left and right. **(2)**



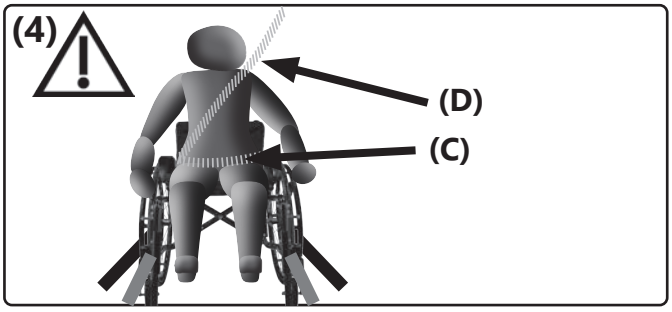


⚠ The wheelchair must be fixed with a 4-point wheelchair restraint system anchored to the vehicle in accordance with ISO 10542. These may be carabiner hooks, S-shaped hooks or plug-in fasteners. The wheelchair restraint system must be securely fastened and used in accordance with the user manual of the manufacturer. **(3A+B)**



⚠ If the wheelchair is equipped with a back angle-adjustment or tilt mechanism, the occupant must sit in an upright position at a 90° back angle during transport **(3)**. Leg supports that can be swung up must be adjusted to the lowest position.

⚠ The user must be additionally secured with a fixed lap belt **(4C)** approved for transport in accordance with ISO 10542 and a vehicle-anchored shoulder belt **(4D)** so that the risk of head and upper body injuries can be minimised to the greatest extent possible.



⚠ The seat belts must not be twisted during use, nor must they be guided over any structural components, which would keep them away from the body. They have to be tight and firm without impairing user comfort. The lap belt buckle must be positioned between the pelvic bones (if possible in the middle). The buckle tongues on the lap belt for fastening the shoulder belt should be located on the outside of the pelvis where possible.

⚠ All belts used for transport must be regularly inspected for damage.

⚠ A headrest suitable for transport must be used.

⚠ The wheelchair must only be used as a forward facing seat in motor vehicles in accordance with ISO 7176-19. No transport with the wheelchair facing sideways!

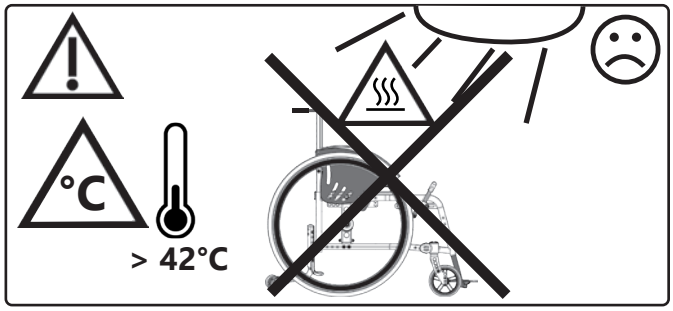
⚠ Immediately contact your authorised dealer after a collision to check the carriage, frame and brakes and have any damage repaired by a specialist without delay.

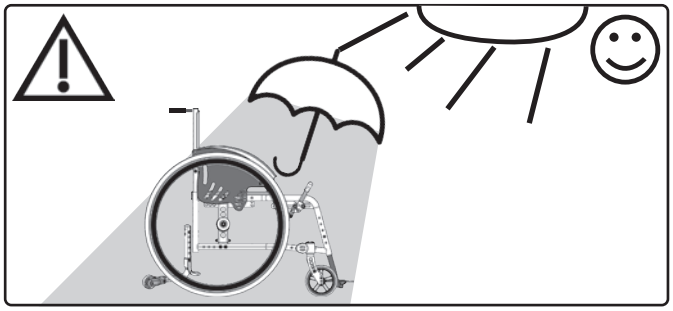
⚠ Any braking devices fitted to the wheelchair must be in the braked position when the wheelchair is transported in a motor vehicle.

2.3.3 Other important information

⚠ The wheelchair has been tested and verified for resistance to ignition of textile materials in compliance with the applicable standards. Nevertheless, there is a risk of ignition of the flame-retardant textile components. Keep any sources of ignition away from the wheelchair.

⚠ The wheelchair must neither be exposed to excessive moisture nor come into contact with salt water.





When configuring the wheelchair, pelvic restraints (lap belts as positioning aids) can be optionally purchased via the SORG order sheets or by ordering from the replacement parts catalogues. Your specialist dealer will carry out the assembly.

The product may interact with electromagnetic fields (e.g. shop anti-theft devices) in individual cases. This poses no danger to the user and/or the attendant.

The wide variety of settings available means that not all limit values can be complied with in all possible configurations in accordance with the *Regulation (EU) on the technical specifications for interoperability relating to accessibility of the Union's rail system for persons with disabilities and persons with reduced mobility*.

Please contact your specialist dealer or us as the manufacturer if you experience any issues with the wheelchair. Product recalls etc. will be published on our website www.sorgrollstuhltechnik.de. You can also find the respective contact persons there.

Corrosion protection

The product has been designed with corrosion protection in mind when selecting the materials (e.g. plastic, aluminium, stainless steel). All materials prone to corrosion are surface-treated and are therefore protected.

The wheelchair must be dried thoroughly if it becomes wet.

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 adjustmens 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 abstacles and carefully overcome them so that little force is applied to the casters, rear wheels and the wheelchair as a whole.

3.1 Handling driving wheel

3.1.1 General information regarding wheels

⚠ Frictional heat is generated by braking the wheels on the handrims.

Handrim covers can stretch when exposed to heat and become detached from the handrim.

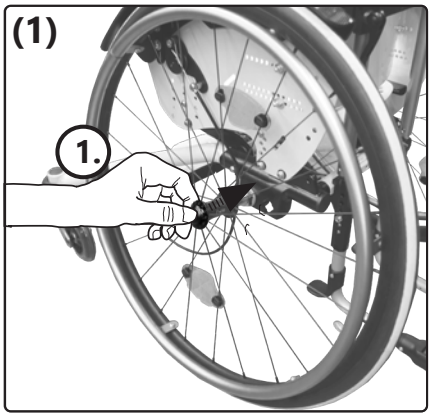
3.1.2 Tyre inflation pressure

You can find the right operating pressure on the tyre casing - usually 3-10 bar. **(1)**

If the tyre is flat, please contact your specialist dealer.

3.1.3 Quick-release axles

Remove:



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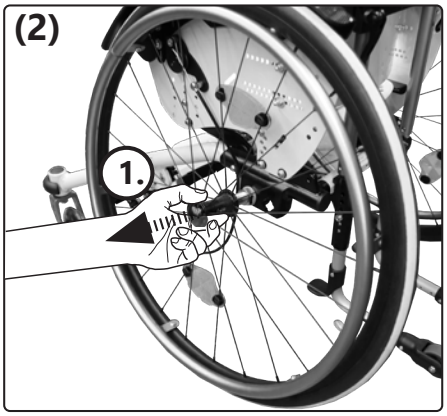
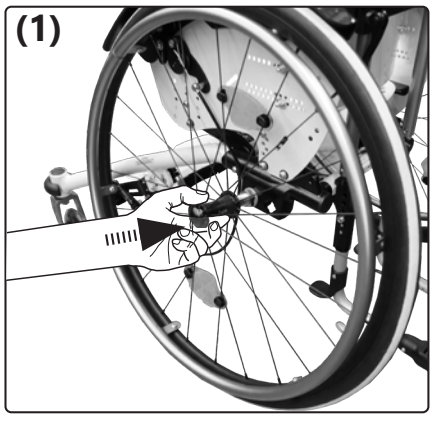
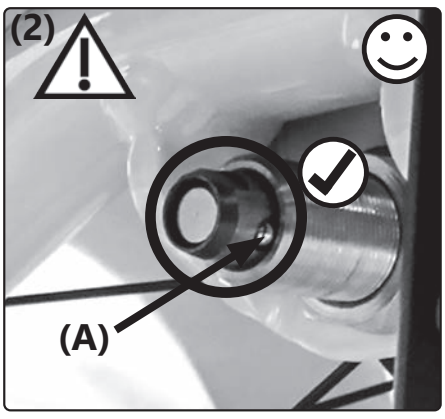


Insert:

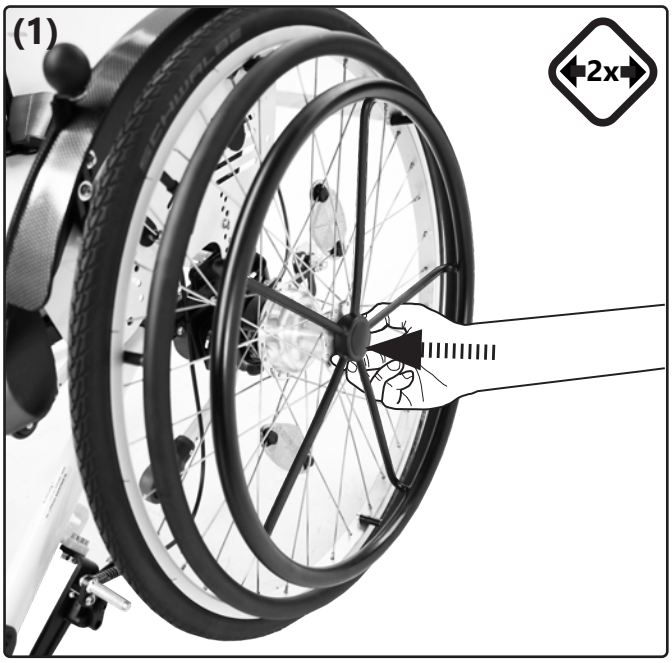


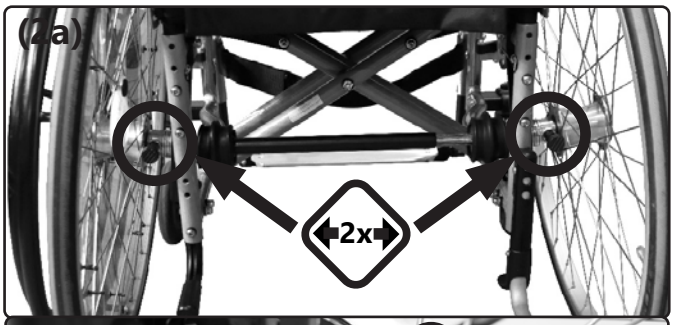


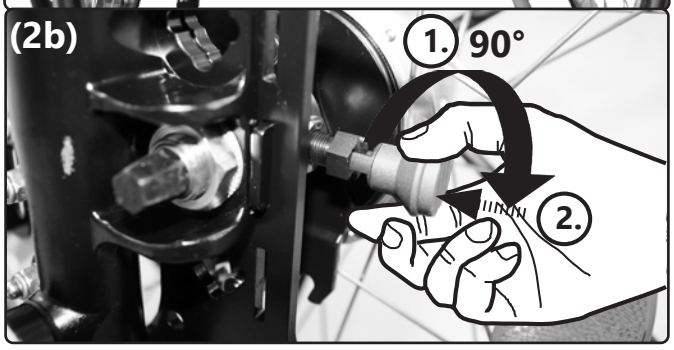
⚠ **(2)** After insertion, the locking ball **(A)** must be visibly protruding. Pull at least 1x after each insertion to test whether the quick-release axle is engaged. It should no longer be possible to pull the wheels outwards.

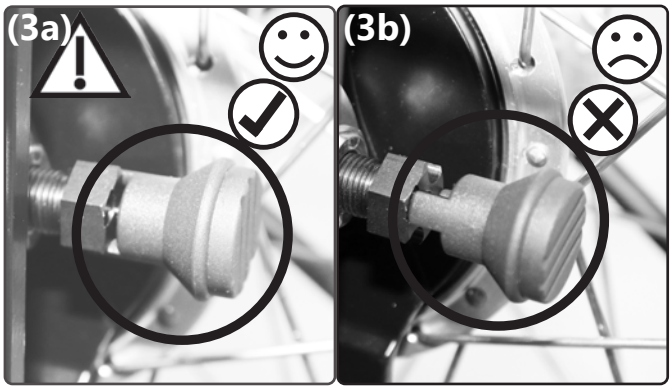
3.1.4 Double hand rim-wheels

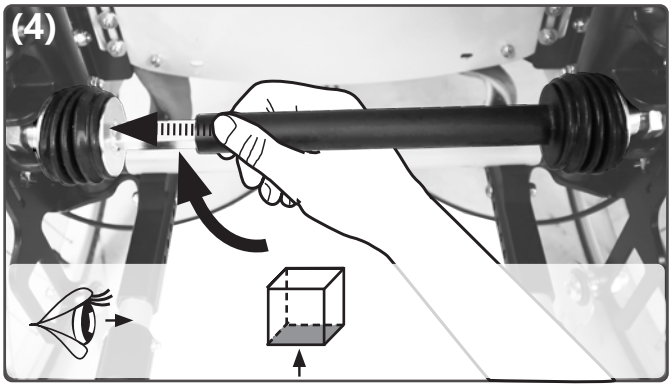
Insert:



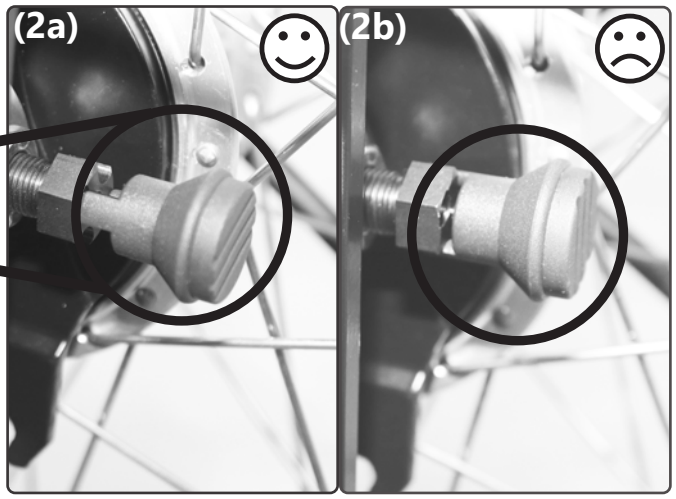








Remove: Proceed accordingly in reverse order



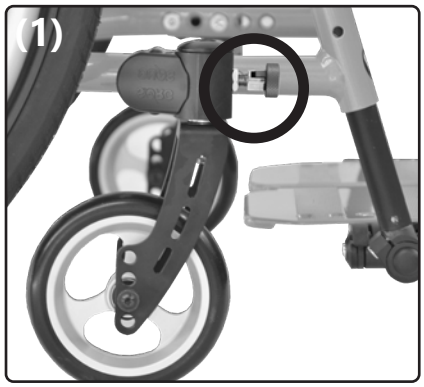
3.2 Handling swivel caster

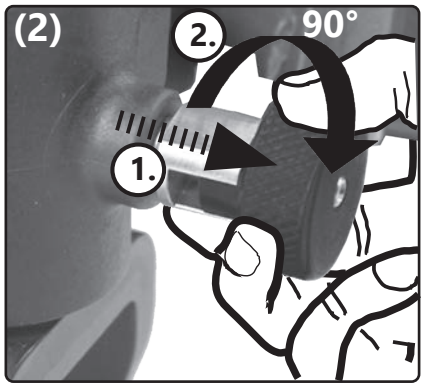
3.2.1 General information regarding swivel casters

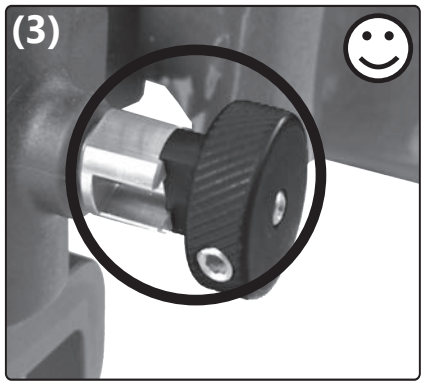
⚠ Incorrectly adjusted swivel casters or excessive speed can cause the casters to flutter. Immediately slow down at the first sign of fluttering and have the swivel casters readjusted by a specialist dealer.

3.2.2 Caster track lock

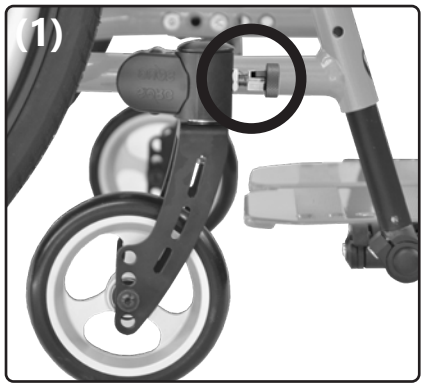
Unlock:

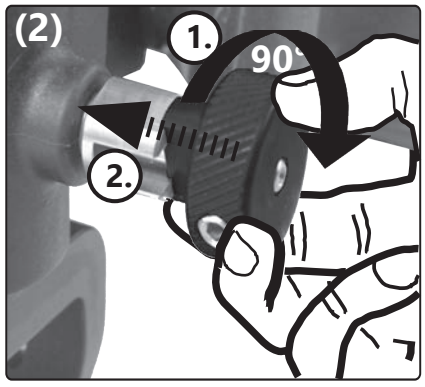


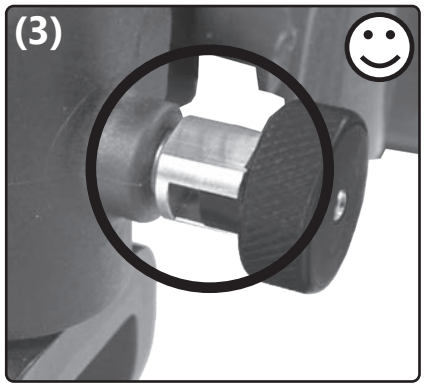




Lock:







3.3.1 General information regarding back

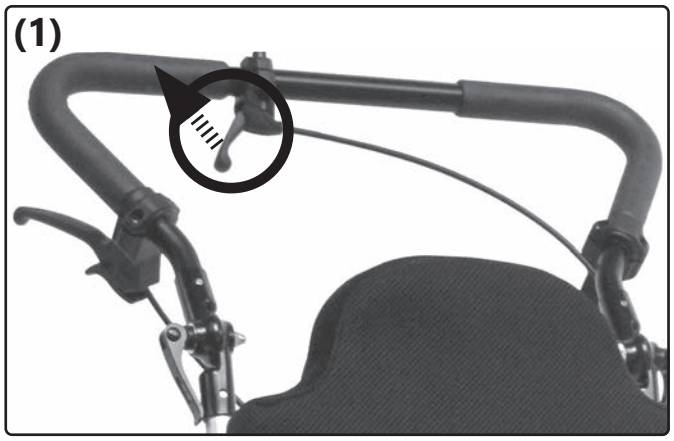
⚠ Check the secure fit of the back after each change.

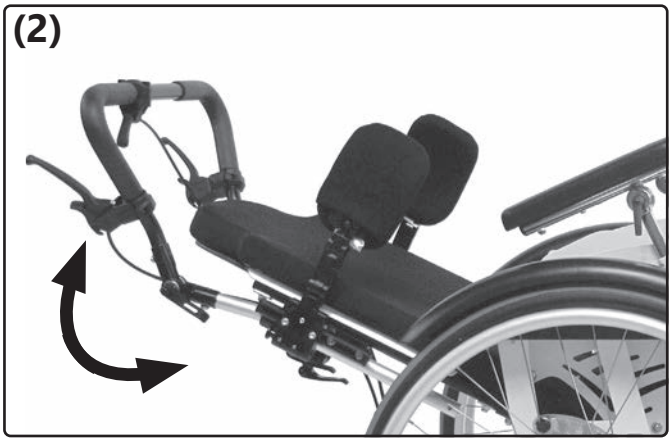
⚠ In the case of angle-adjustable backs or (seating unit) tilt mechanisms, it is essential to activate the anti-tipper from a setting of > 90°. The head must be supported (e.g. by a headrest) during back angle-adjustment or tilting.

⚠ Only activate the (seating unit) tilt mechanism or angle adjustment when stationary with the brakes applied.

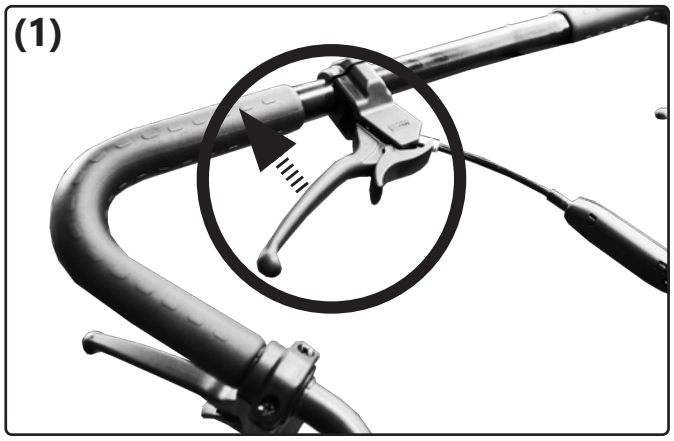
3.3.2 (Seating unit) tilt mechanism

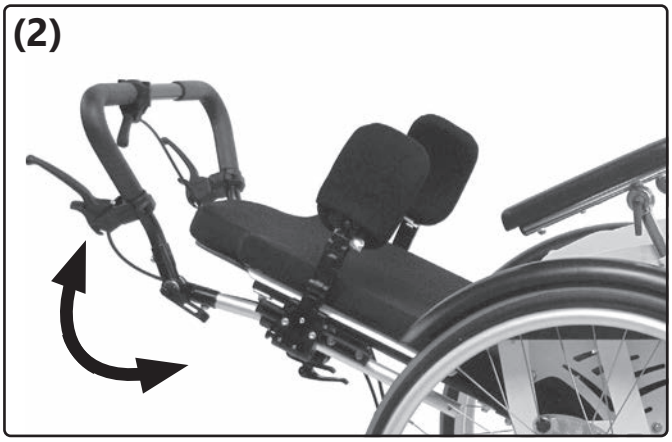
Tilting simple gas pressure spring:





Tilting double gas pressure spring:

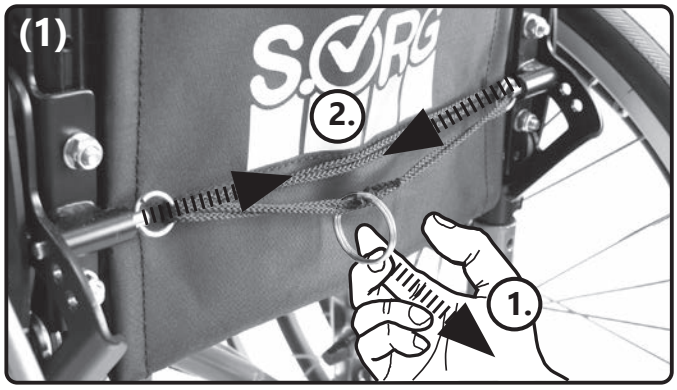


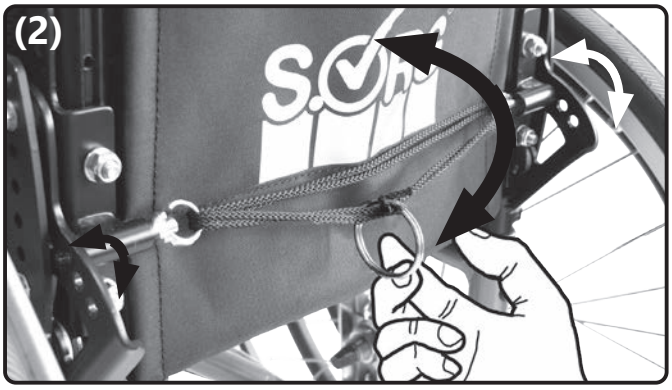


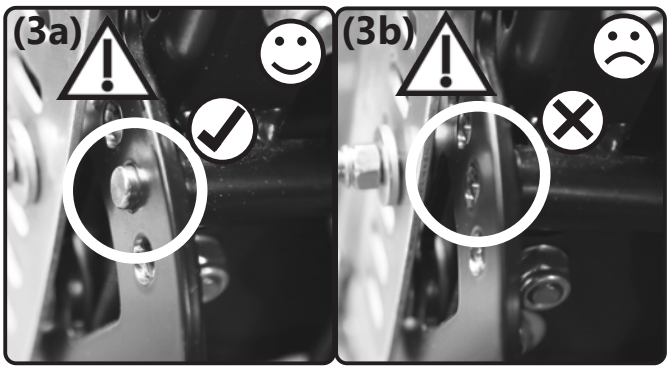
3.3.3 Back with raster

Shift:

⚠ The anti-tipper must always be activated before a new back angle position is used.

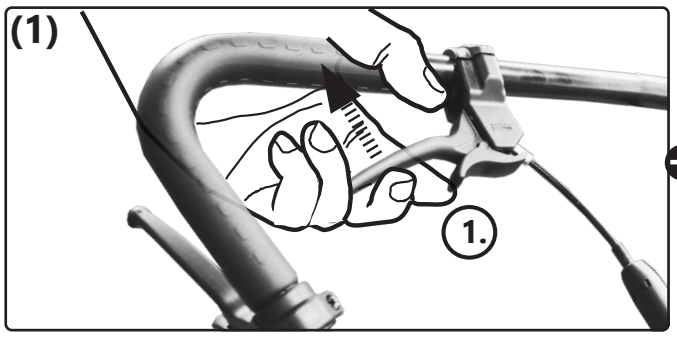


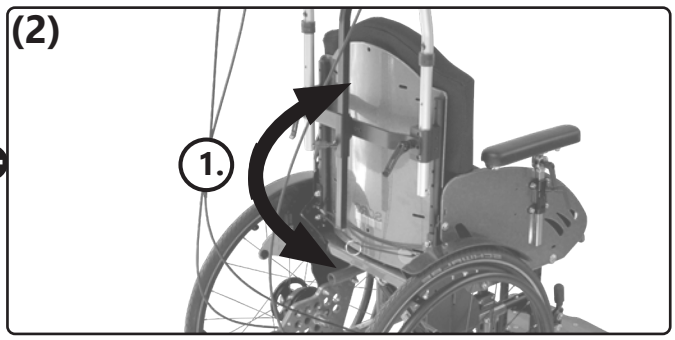




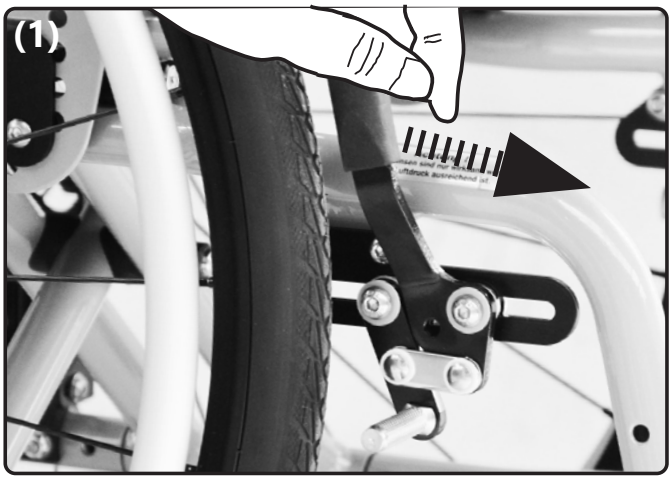
3.3.4 Back with gas pressure spring

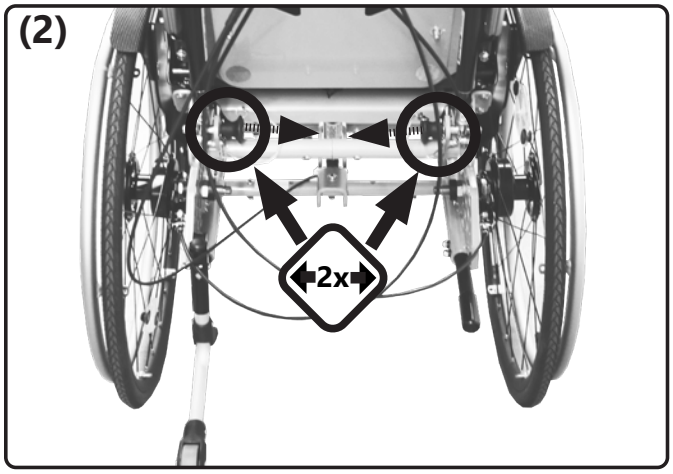
Shift:

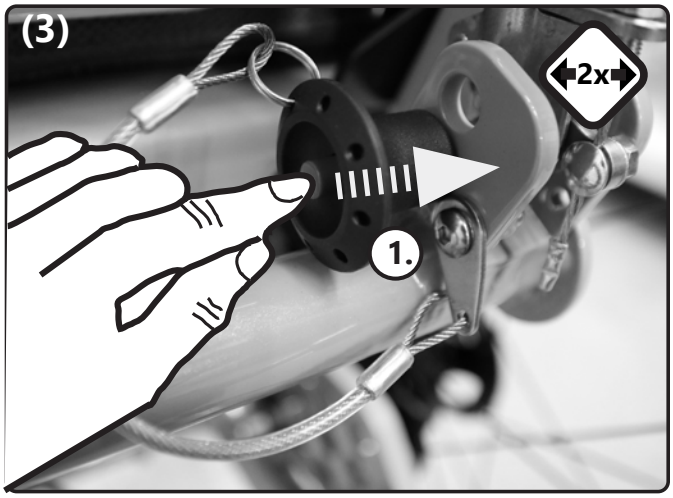


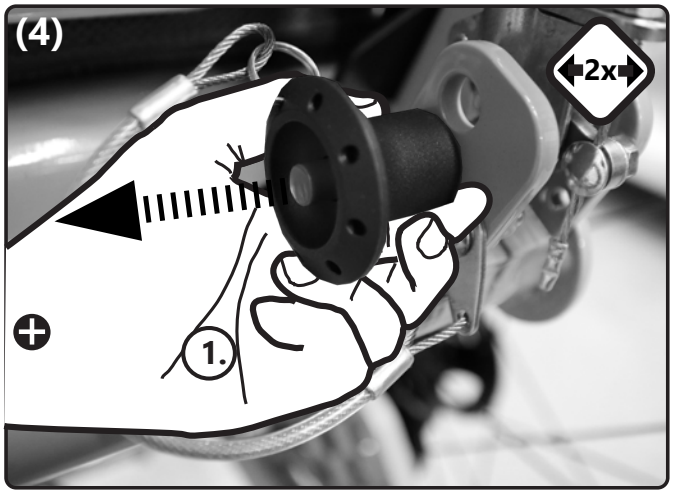


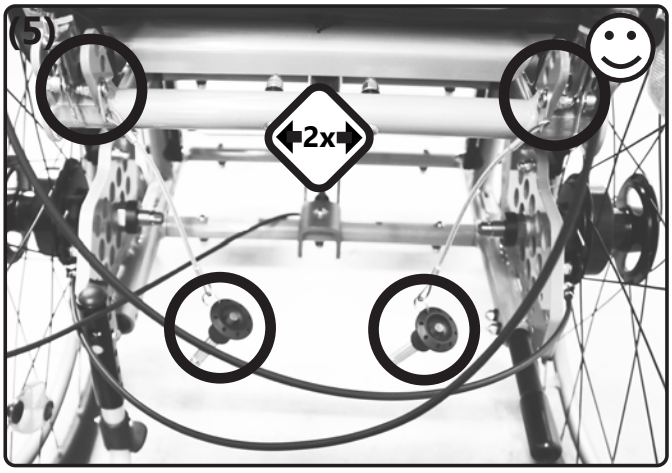
Fold down:

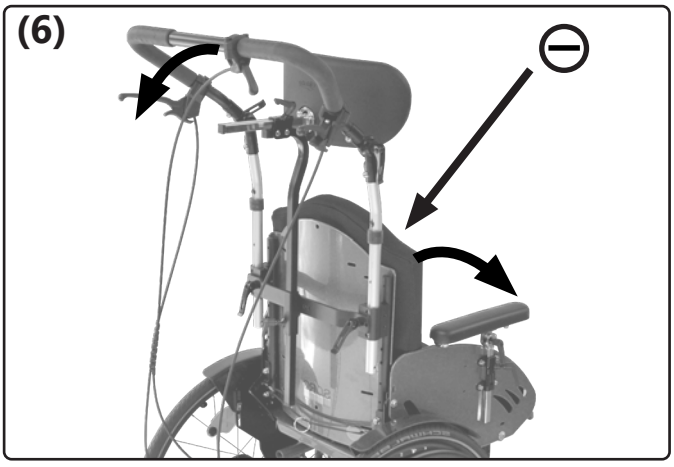


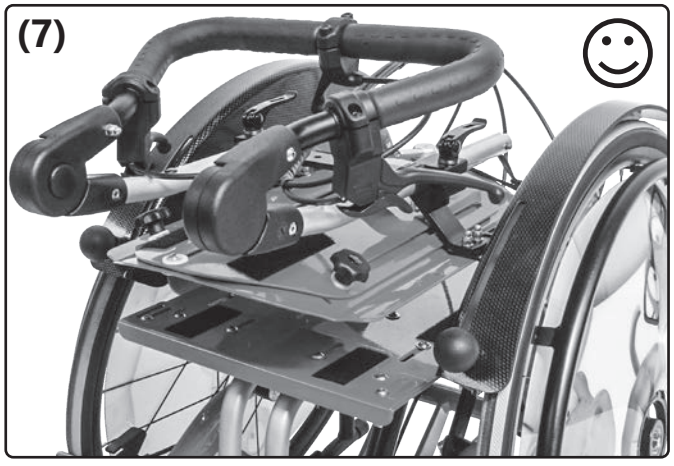




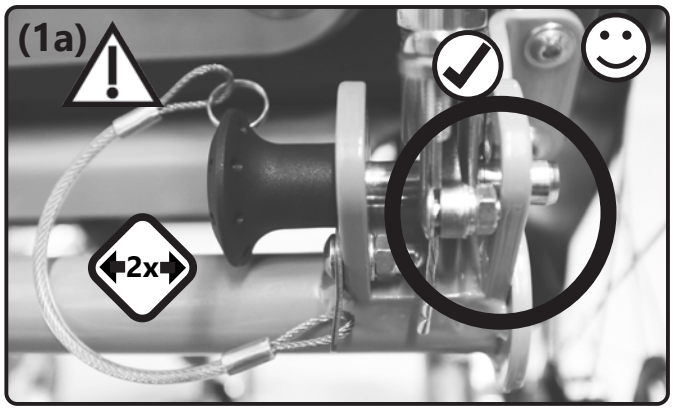


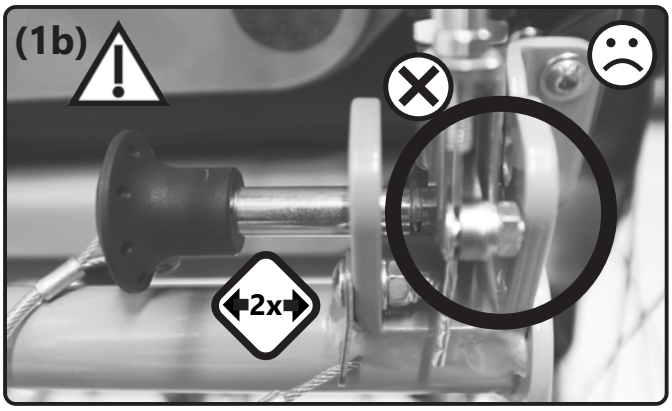






Flip up: Proceed accordingly in reverse order:

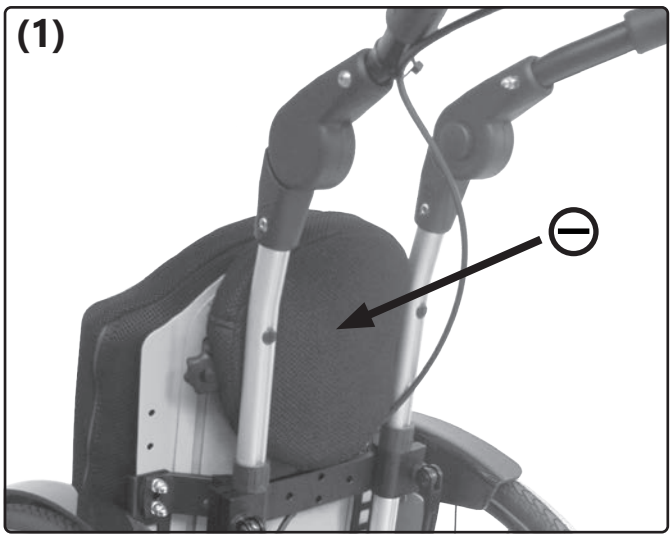


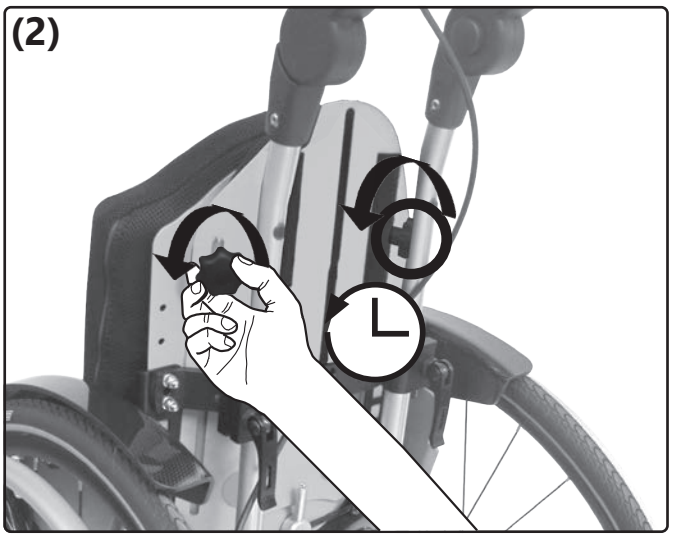


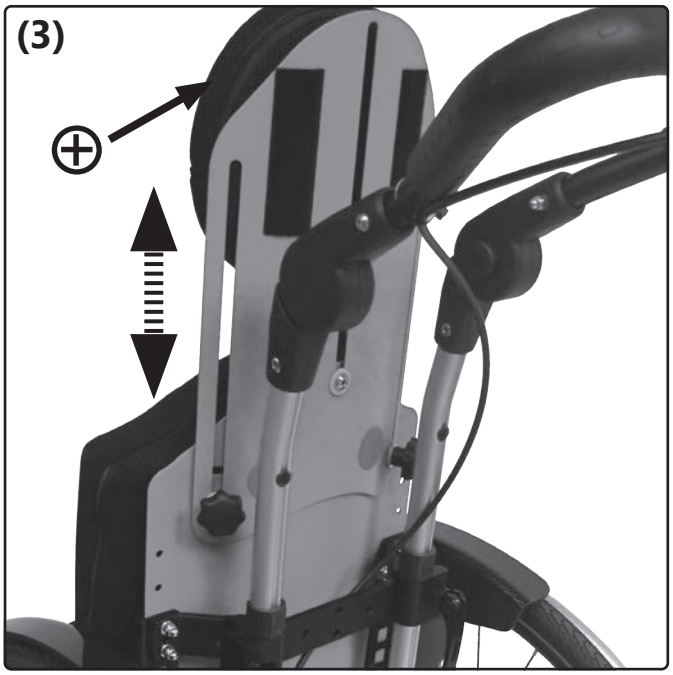
3.3.5 Back extension

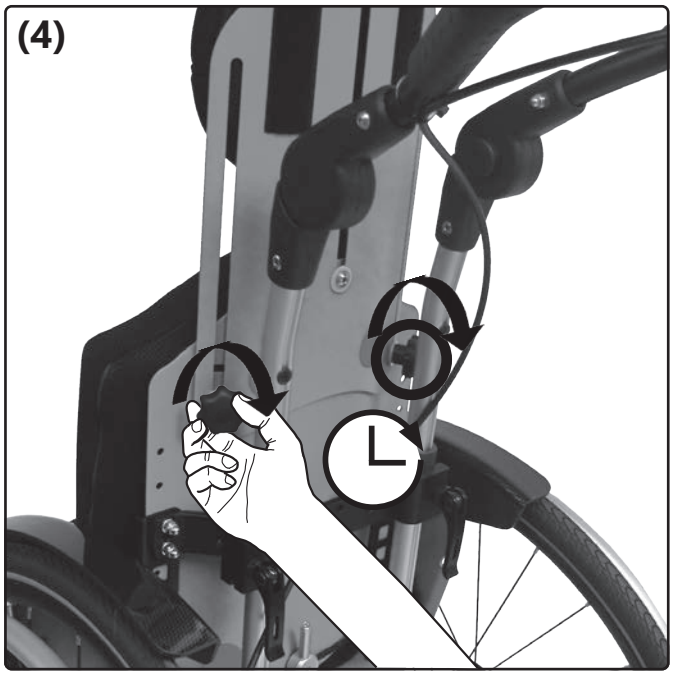
Pull out (lower: proceed accordingly in reverse order):

⚠ The lowerable back extension is **not** suitable as a headrest in a motor vehicle!









3.4 Handling pushing aid

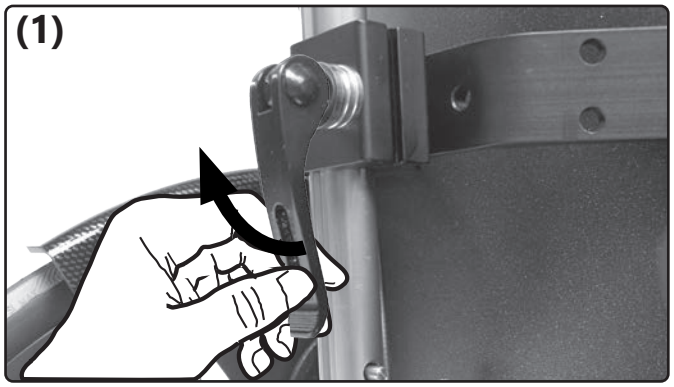
3.4.1 General information regarding pushing aids

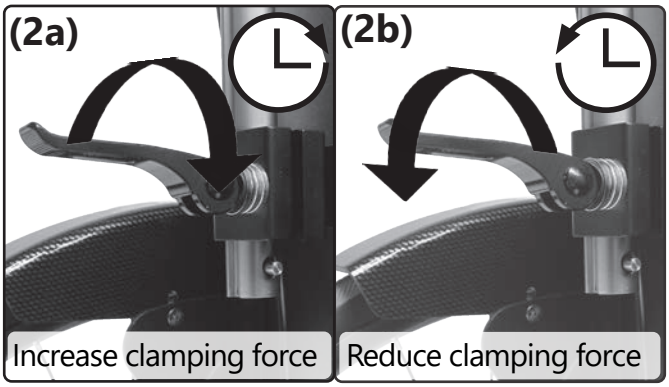
⚠ All height-adjustable pushing aids are designed exclusively to push the occupant in their wheelchair – **not to carry them**.

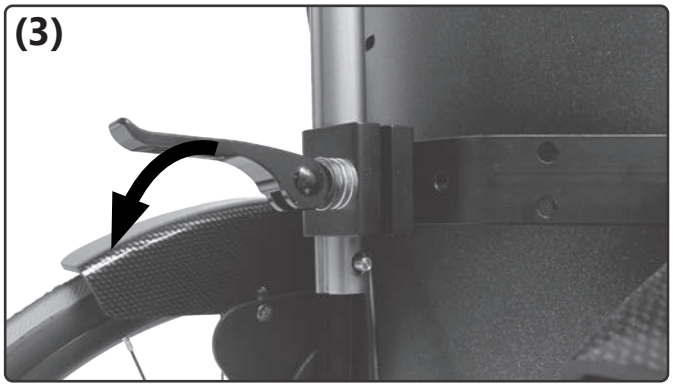
⚠ Children are not able to competently judge the swivel range of protruding pushing aids and may injure others while playing. We recommend folding back or dismantling the pushing aids in such cases.

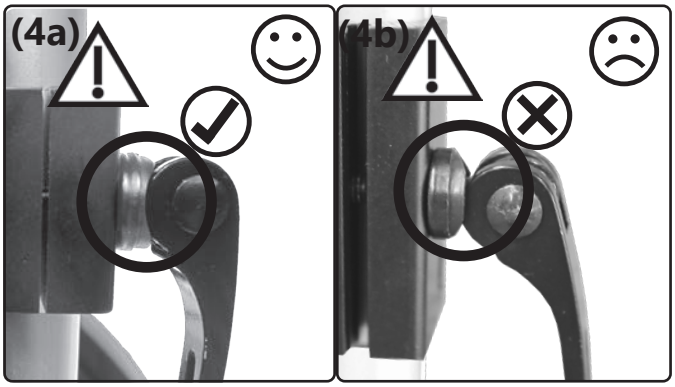
⚠ Check that the eccentric clamps are tightly closed and in good working order before each use of the pushing aids. It must not be possible to move the pushing aids in the intake with the eccentric clamp(s) in the closed position.

Set the eccentric clamp:



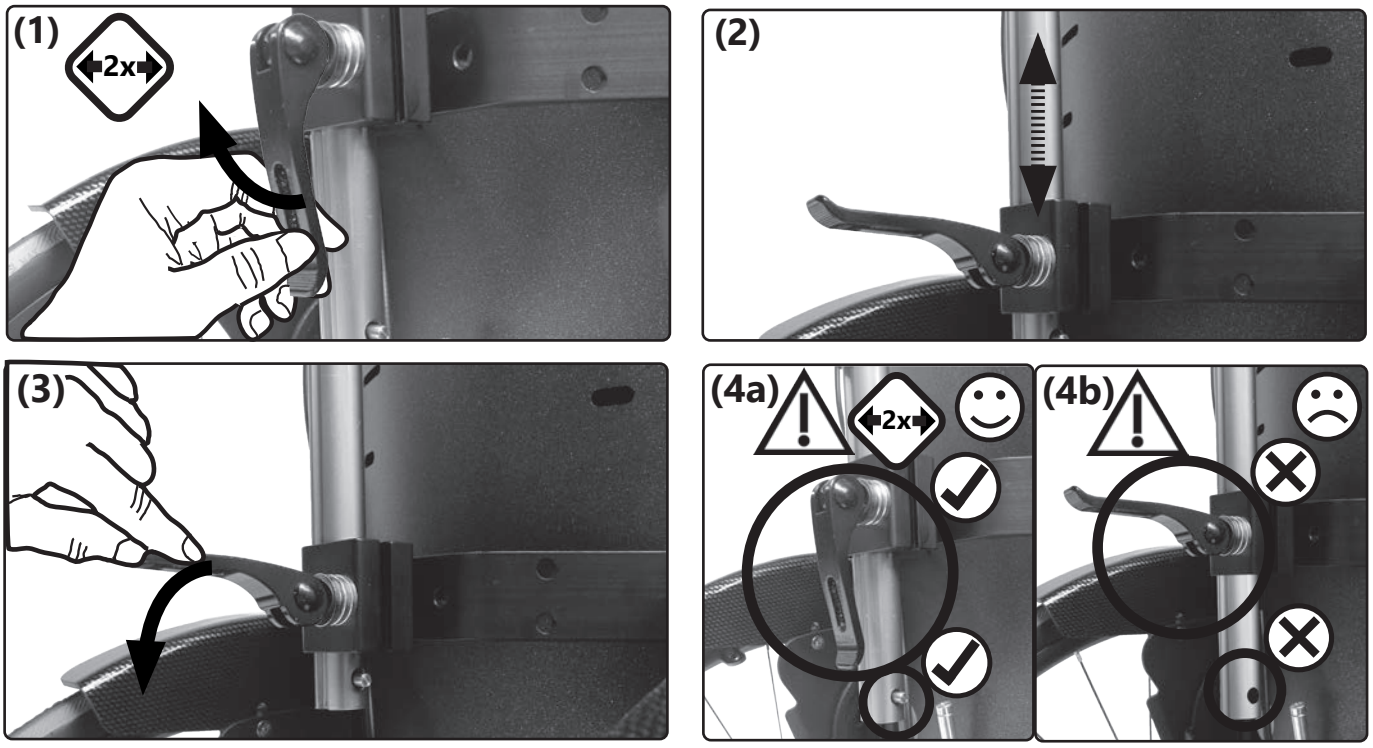




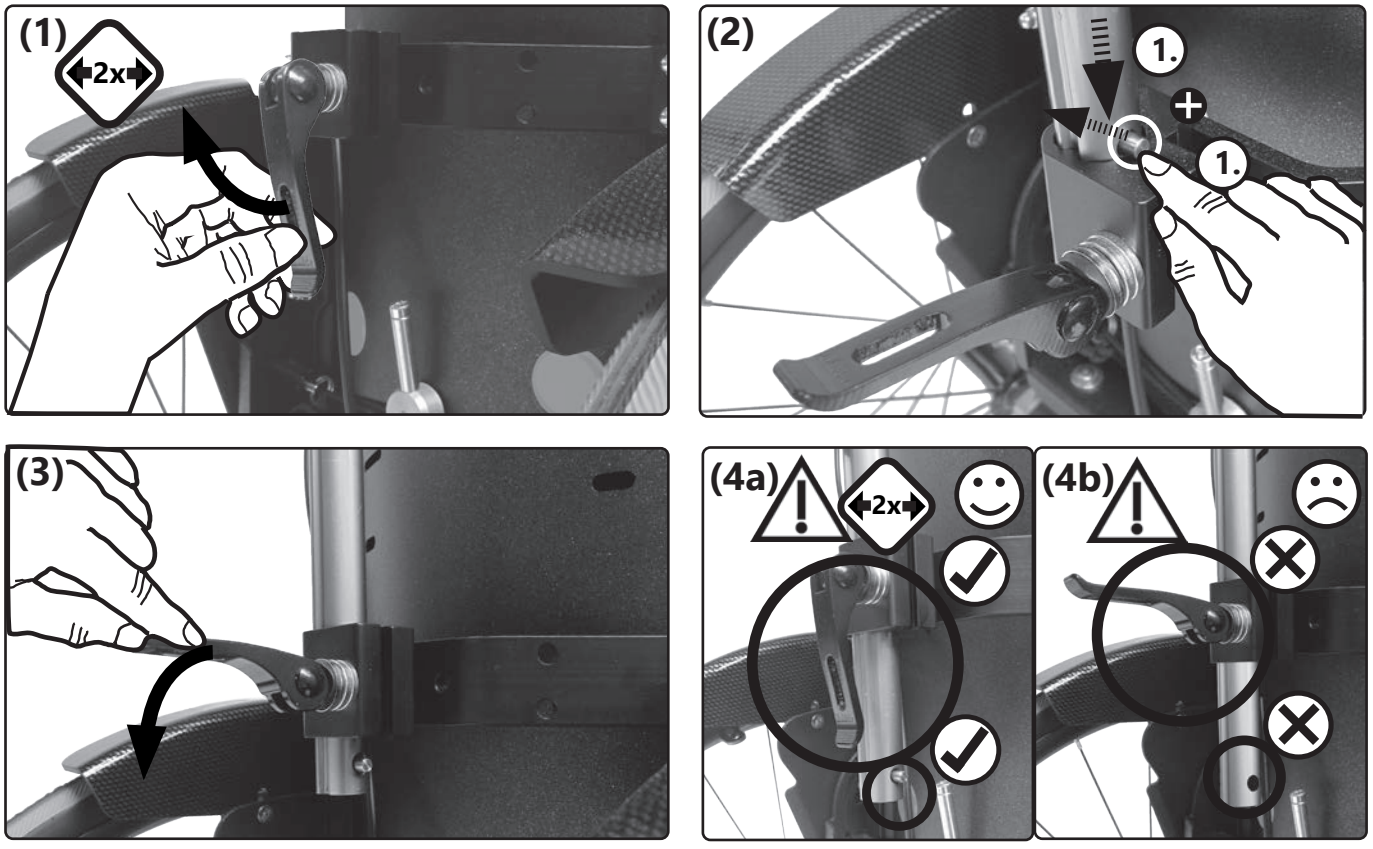


3.4.2 Push bail

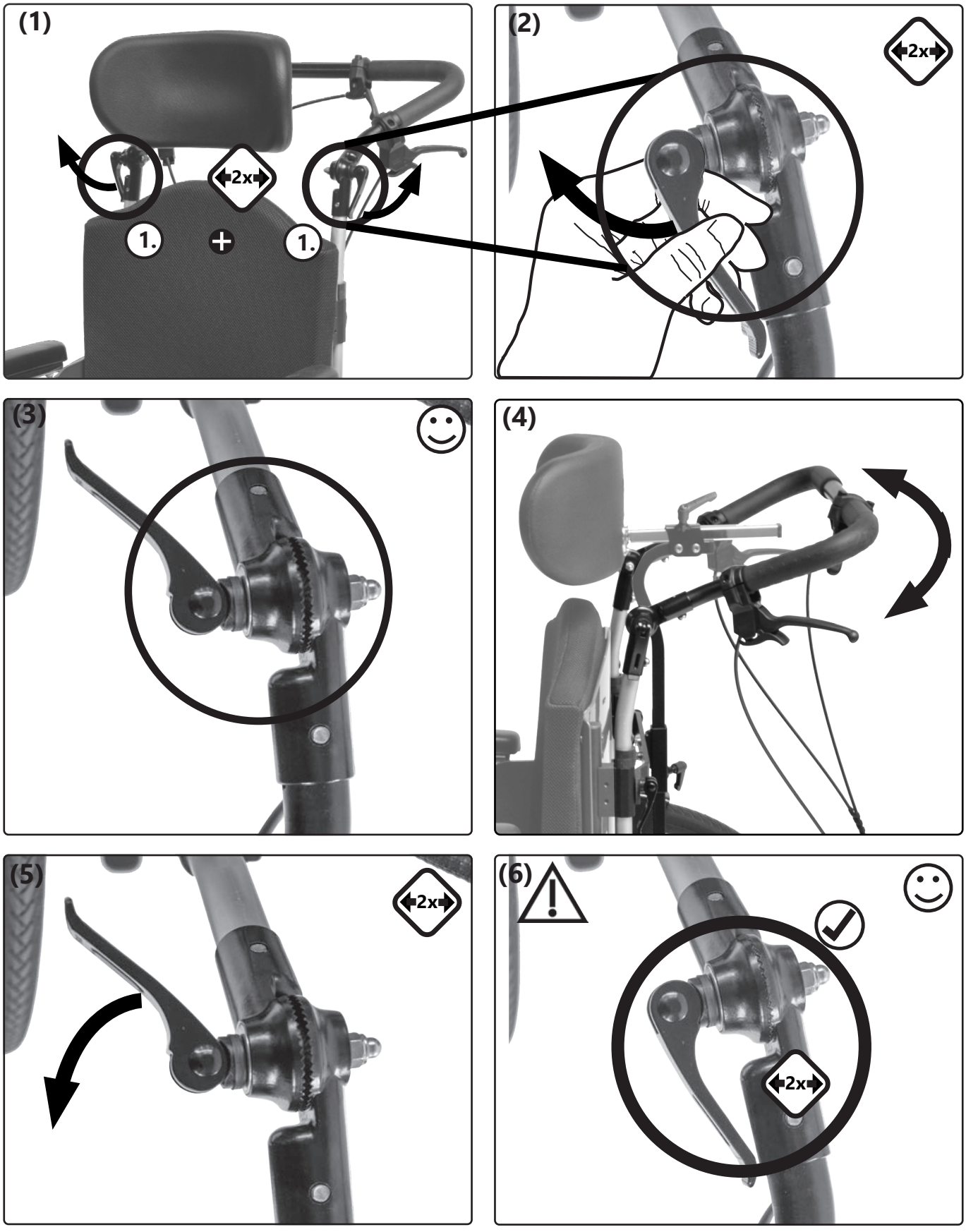
Set height:



Insert (remove: proceed accordingly in reverse order):



Adjust angle:

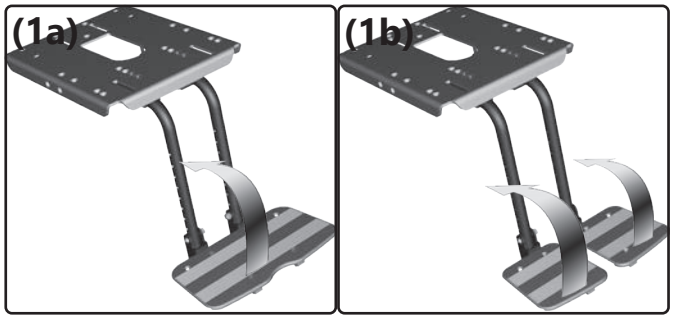


3.5 Handling leg support

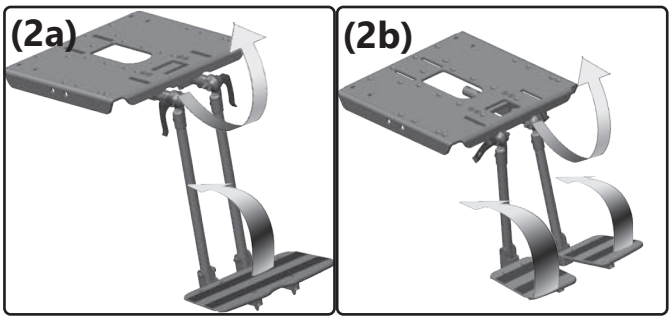
3.5.1 General information regarding leg supports

Types of leg supports and their handling:

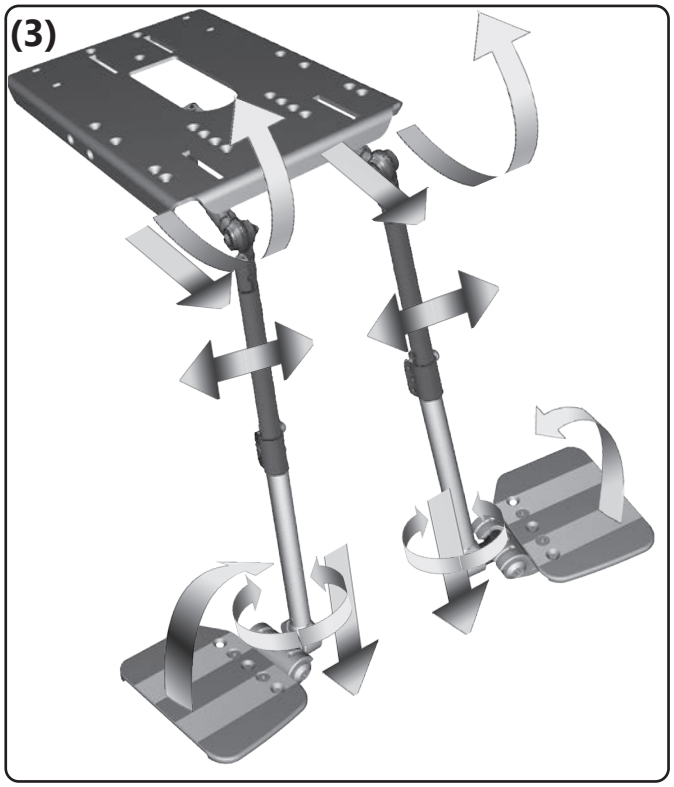
Standard leg support with continuous **(1a)** or divided **(1b)**



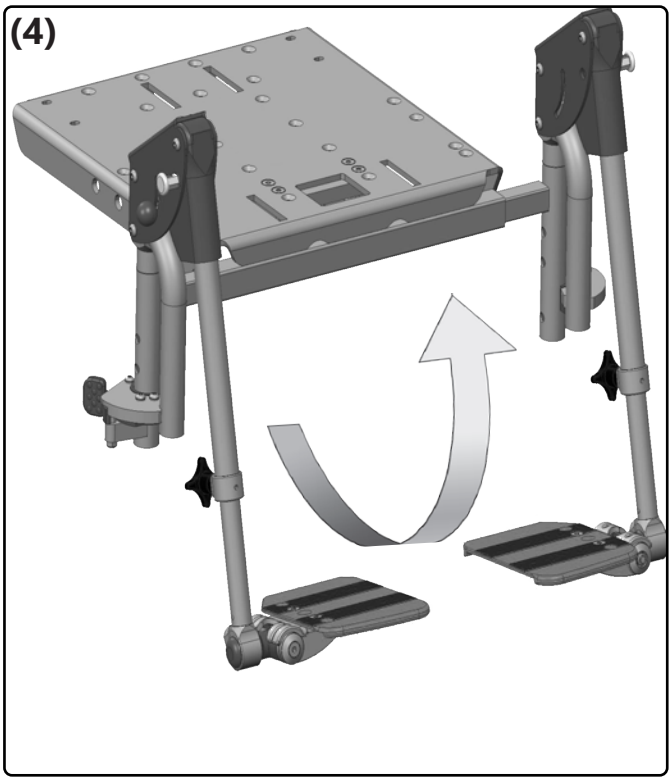
Leg rest can be swung up with continuous **(2a)** or divided **(2b)** footrest:



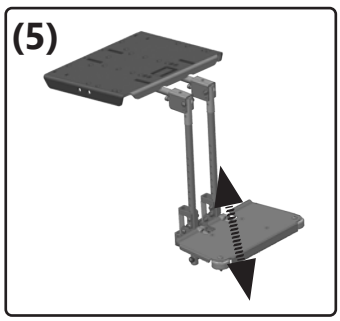
Multidirectional leg support:



Leg support can be swung outwards and detached:

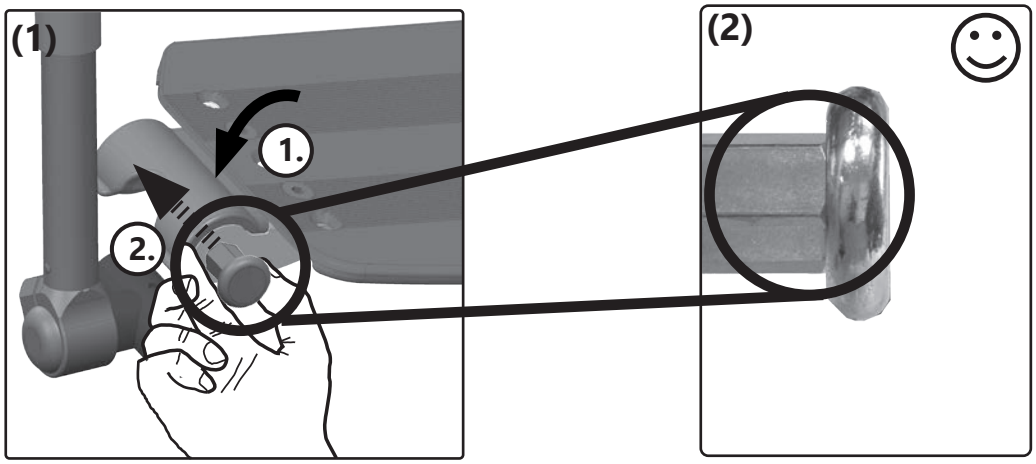


Dynamic leg support



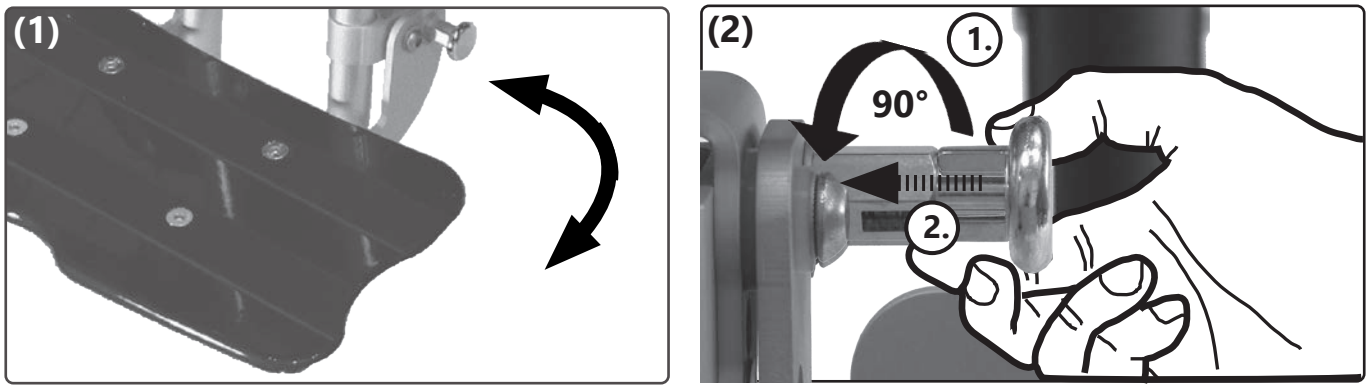
3.5.2 Foldable footrest with locking mechanism

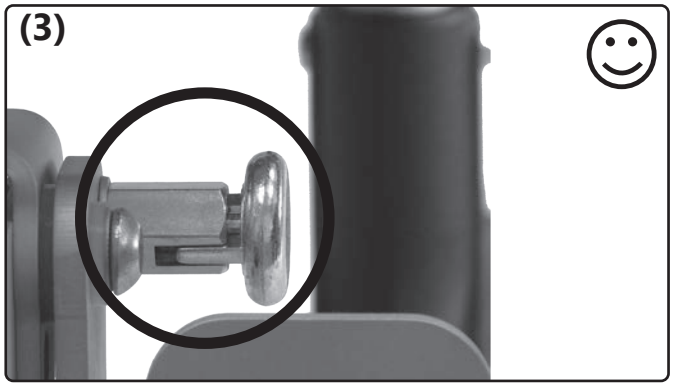
Outdoor attachment Lock (unlock: proceed accordingly in reverse order):



⚠ As the occupant, make sure that you do not lean too far out of the wheelchair when handling the locking mechanism.

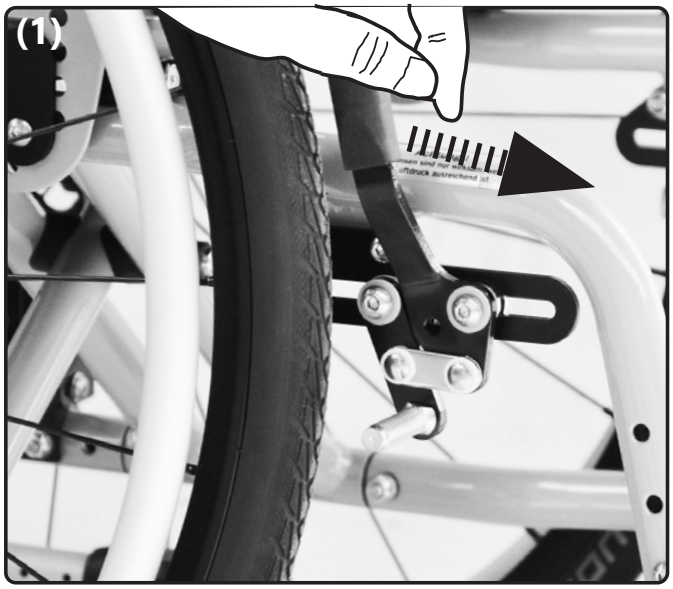
Lock (unlock: proceed accordingly in reverse order):

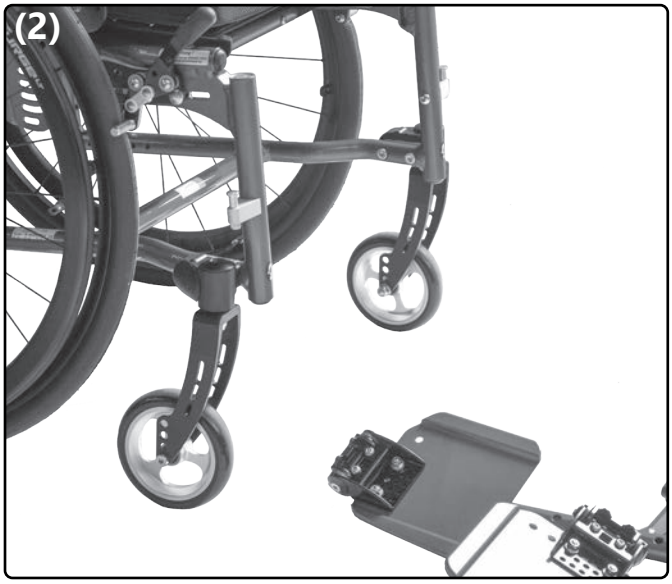


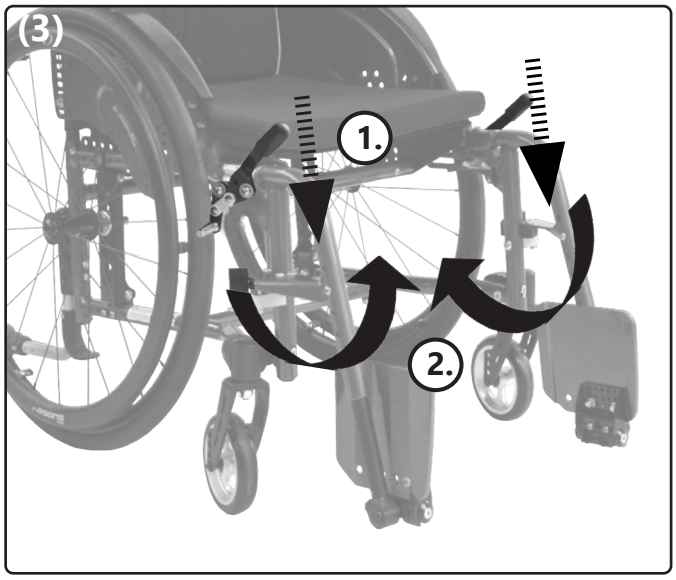


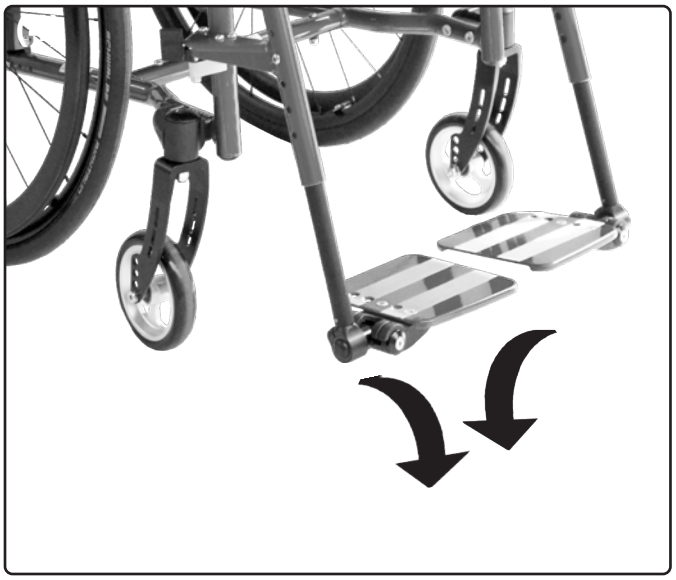
3.5.3 Detachable and swivelling leg support

Swivel out and detach (attach: proceed accordingly in reverse order):

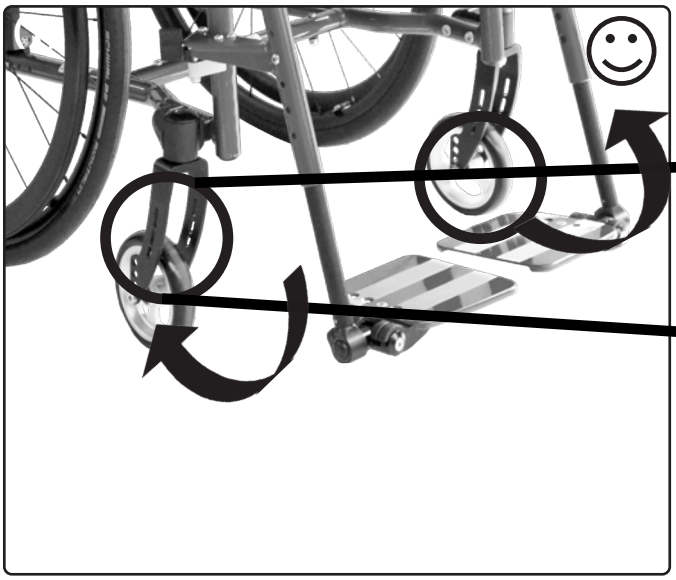


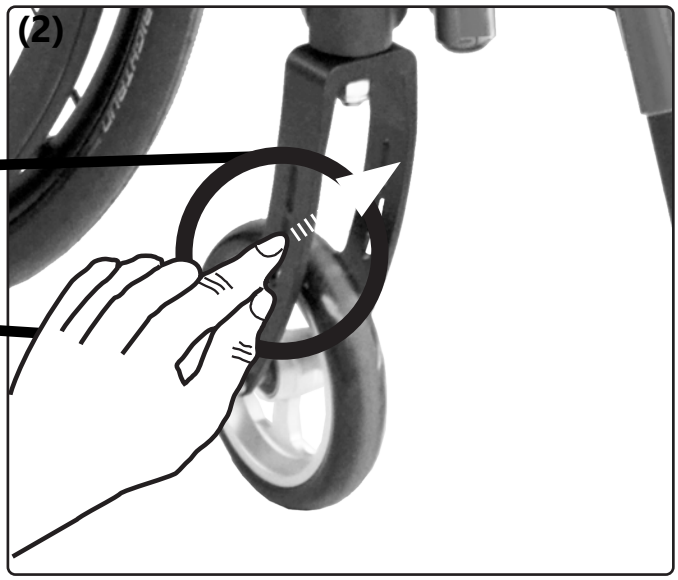


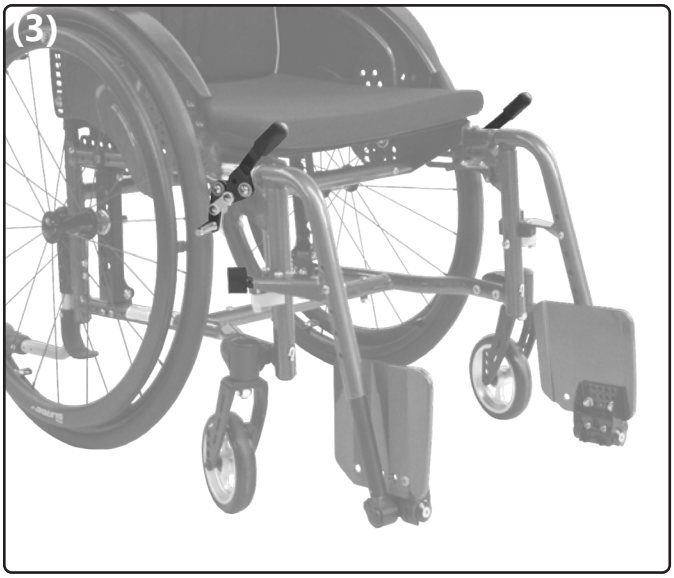




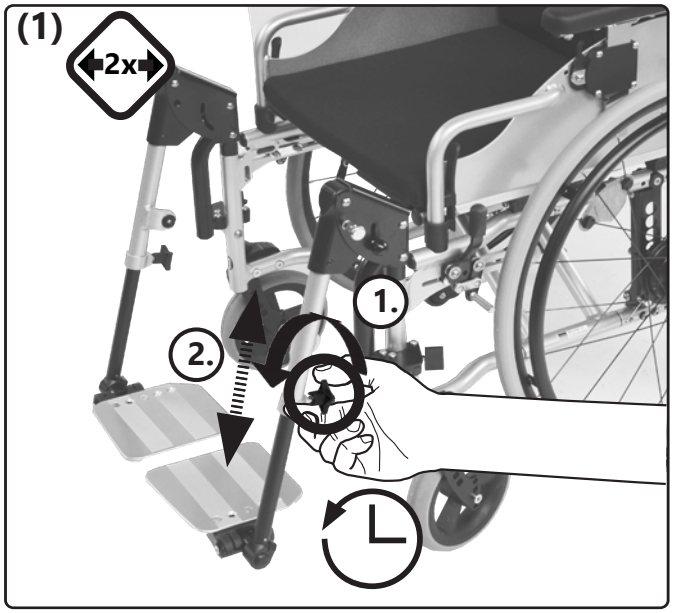
Swivel out (swivel back: proceed accordingly in reverse order):

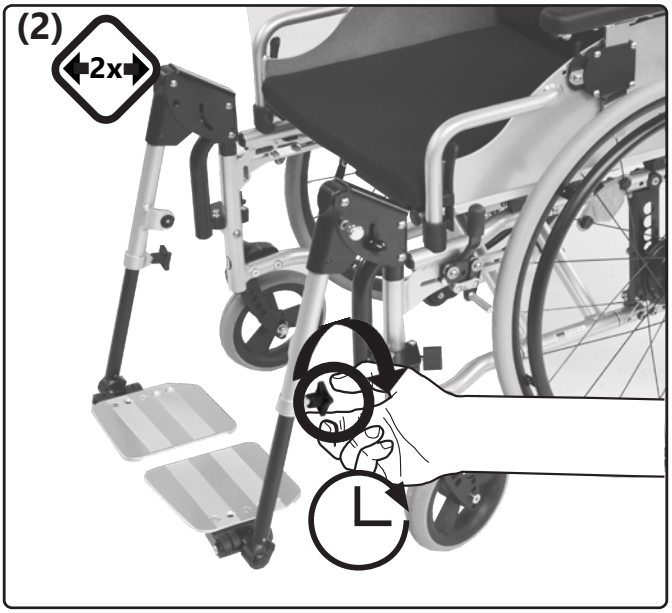




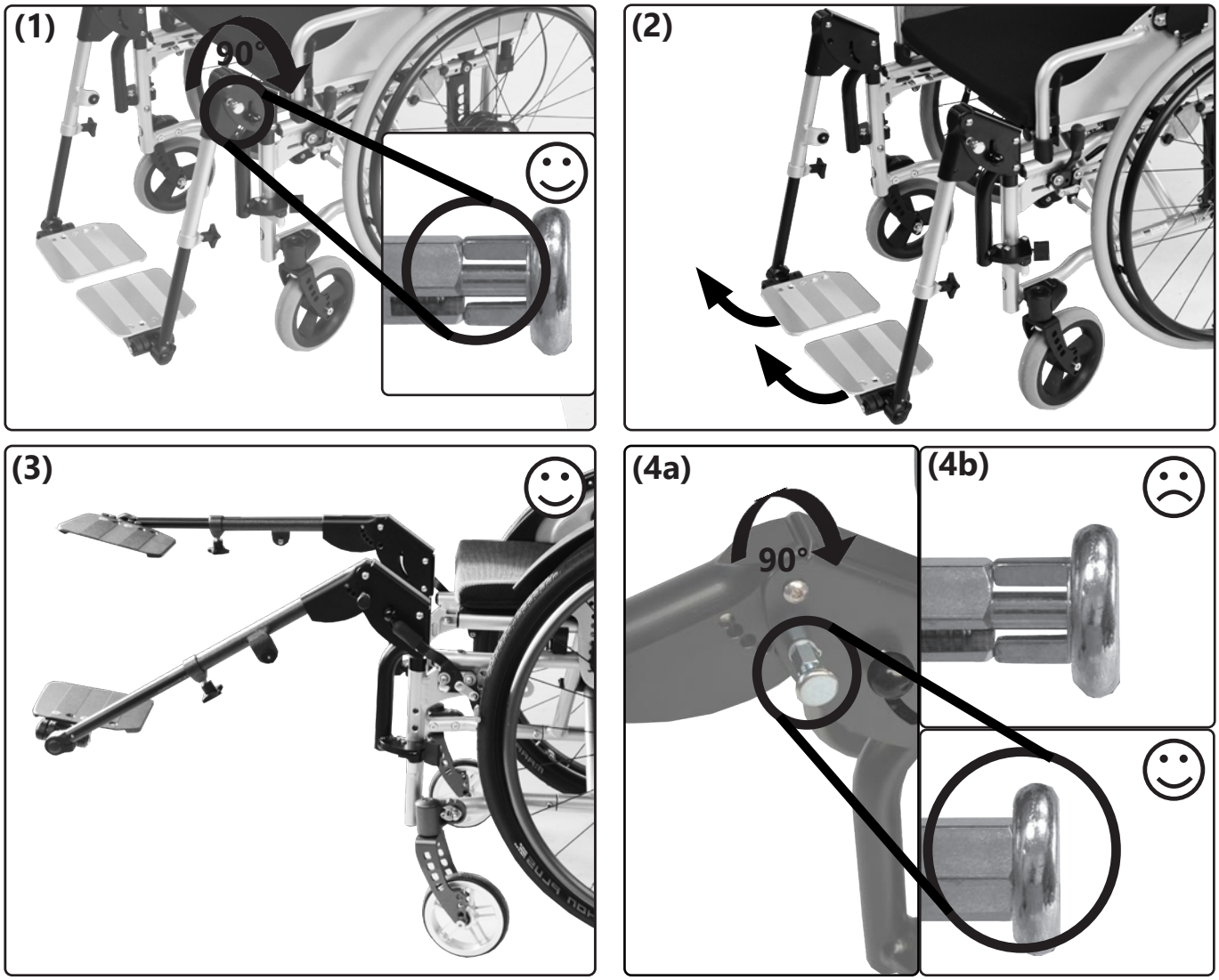


Set lower leg length:

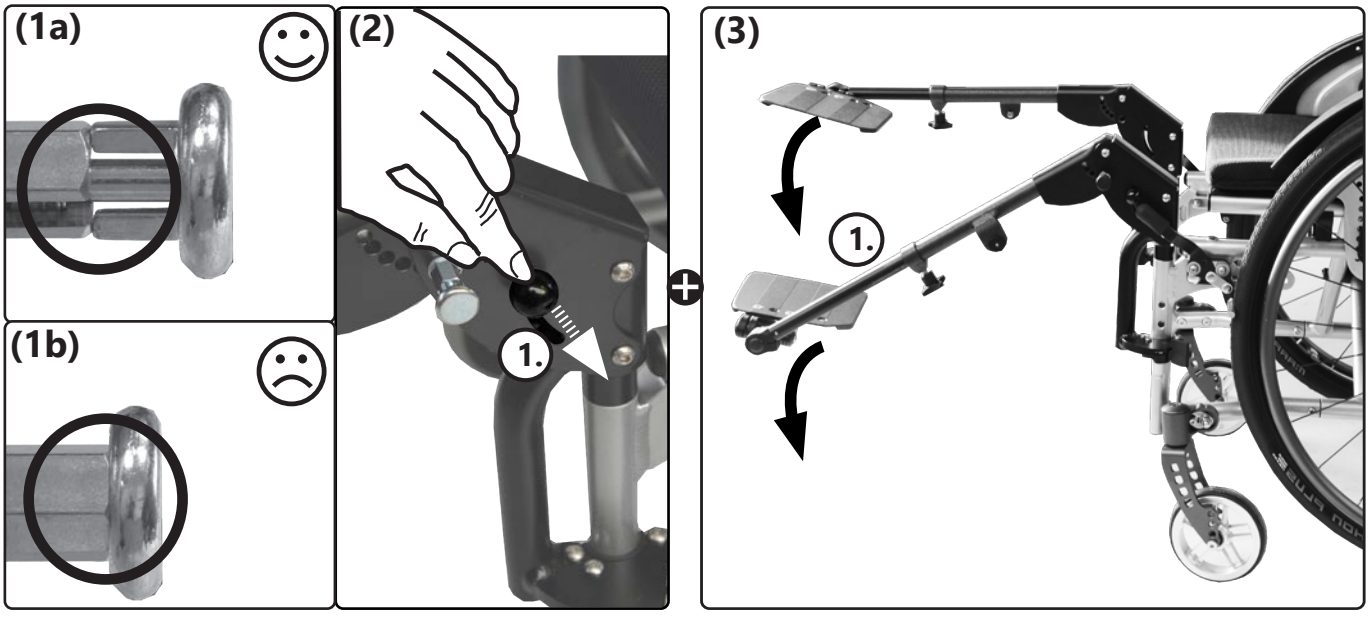




Swivel up (swivel out: proceed accordingly in reverse order):



Swivel out: Proceed accordingly in reverse order:



3.6 Handling brake

3.6.1 General information regarding brakes

⚠ Check that the brakes are in good working order before moving! Immediately contact your dealer if the braking effect deteriorates.

Possible impairments or malfunctions may be caused by:
- contaminated or incorrectly adjusted brakes,
- defective cable controls,
- too large a distance between brake pressure bolt and tyres,
- insufficient tyre inflation pressure (information on the tyre casing),
- wetness, snow, mud etc..,
- worn treads,
- worn or contaminated brake pressure bolts.

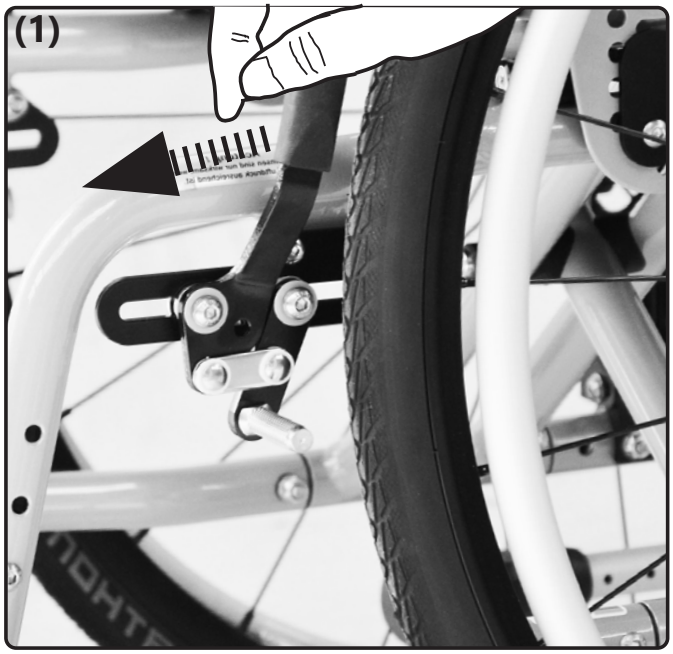
The wheelchair cannot be used until the brakes have had any malfunctions rectified.

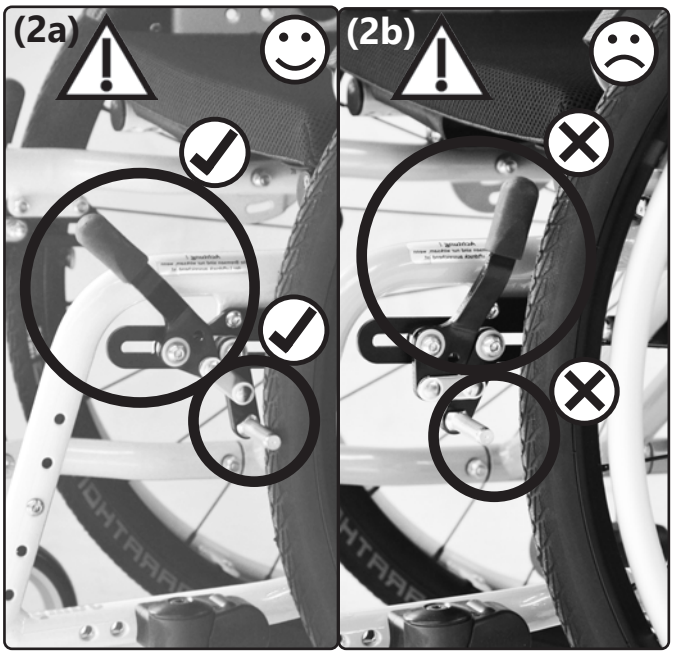
⚠ Always check that the brakes are locked securely and in working order on downhill gradients.

3.6.2 Wheel lock

⚠ The knee lever and cable control brakes are wheel locks and are **not** suitable for slowing down when moving.

Locking the wheel with the knee lever brake:

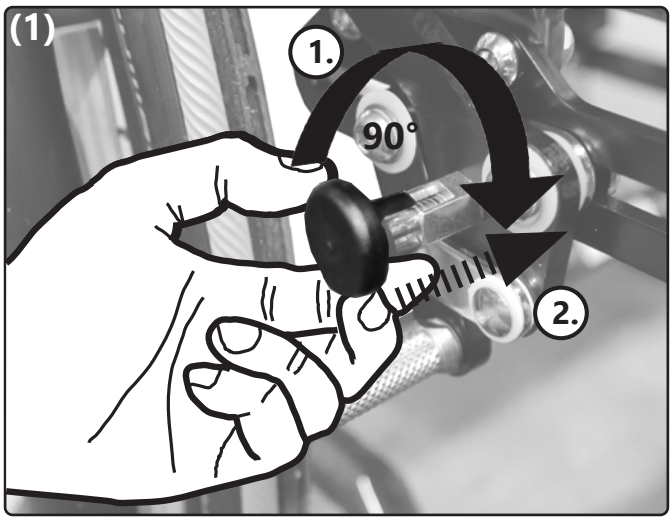


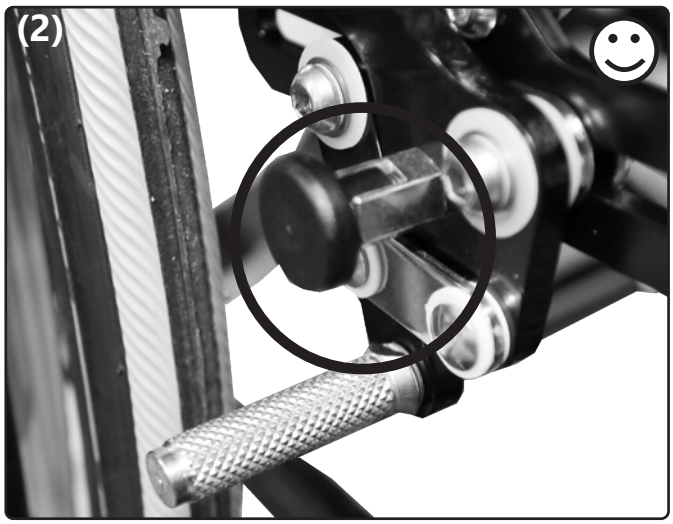


3.6 Handling brake

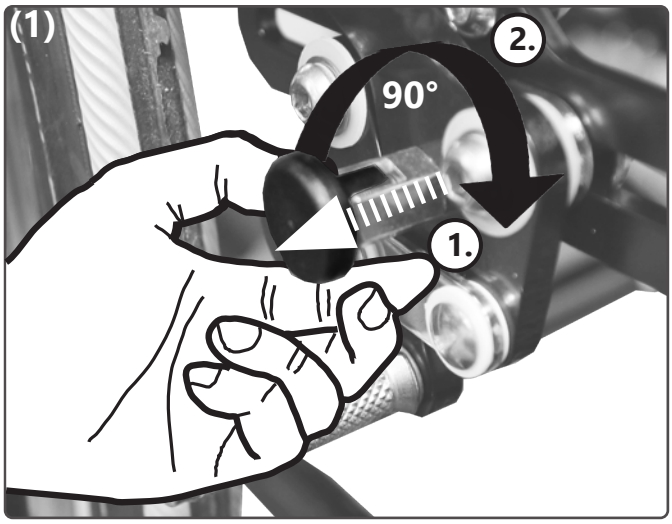
Locking in open or closed position:

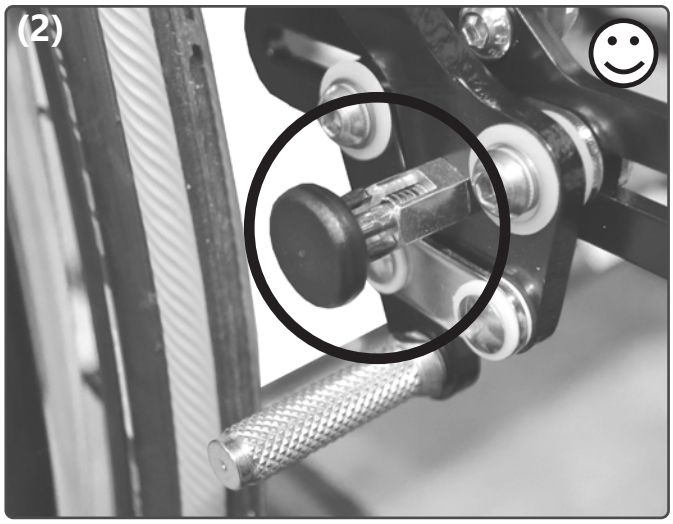
First set the brake to the desired position (braked/unbraked).





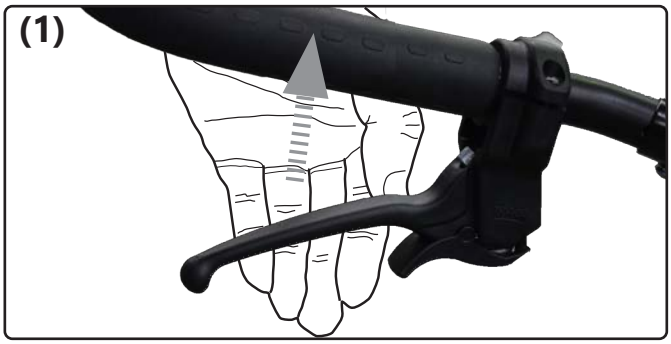
Unlock:





3.6.3 Drum brake

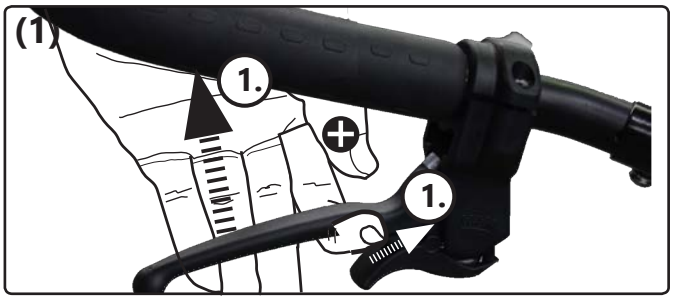
Slow down:

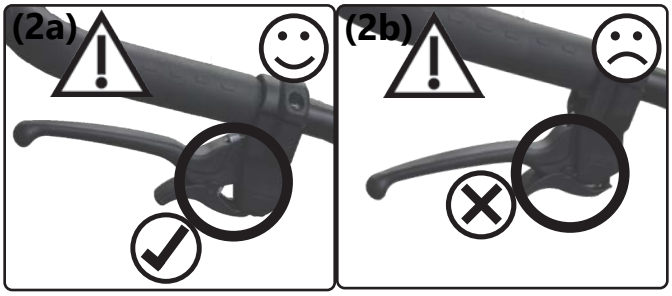


⚠ Unequal use of both brake levers results in cornering.

⚠ Clean the braking elements of the drum brake wheels at short intervals using a soft brush.

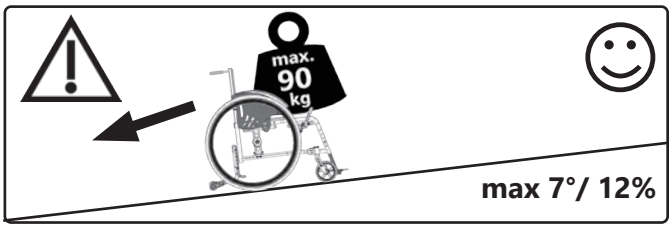
Lock:





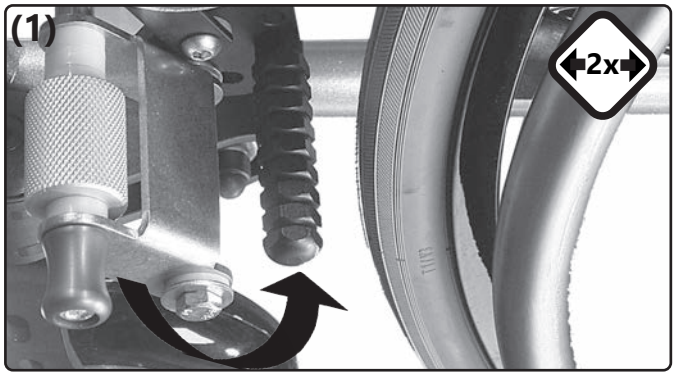
Release:

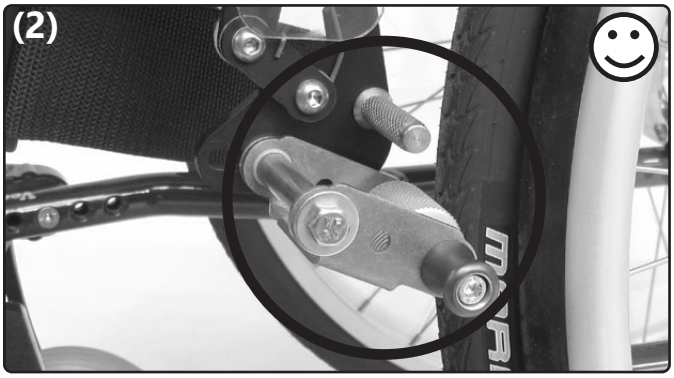
3.6.4 Reverse-roll locking



⚠ Not suitable in combination with auxiliary drives.

Activate (deactivate: proceed accordingly in reverse order):





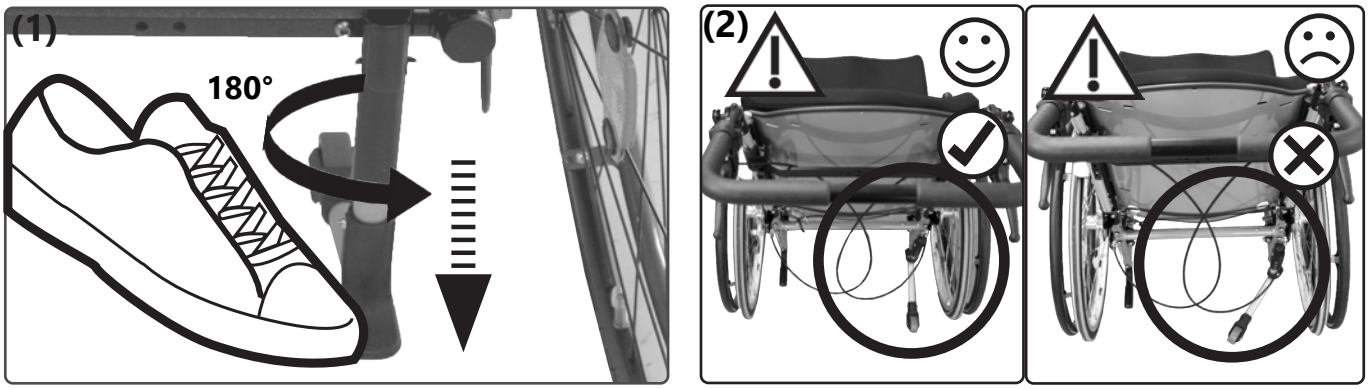
3.7 Handling anti-tipper

3.7.1 General information regarding anti-tipper

To improve tilting stability, a wheelbase extension, or at least an anti-tipper, must be used by people who have had leg amputations.

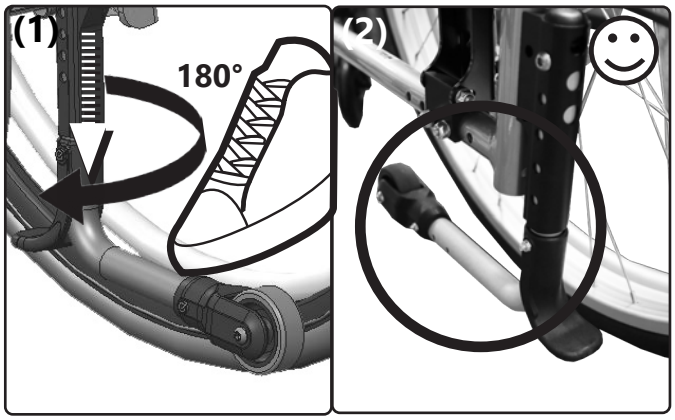
⚠ A wheelbase extension is **not** a replacement for an anti-tipper.

Activate:



⚠ The anti-tipper must always be locked in its end position.

Deactivate:

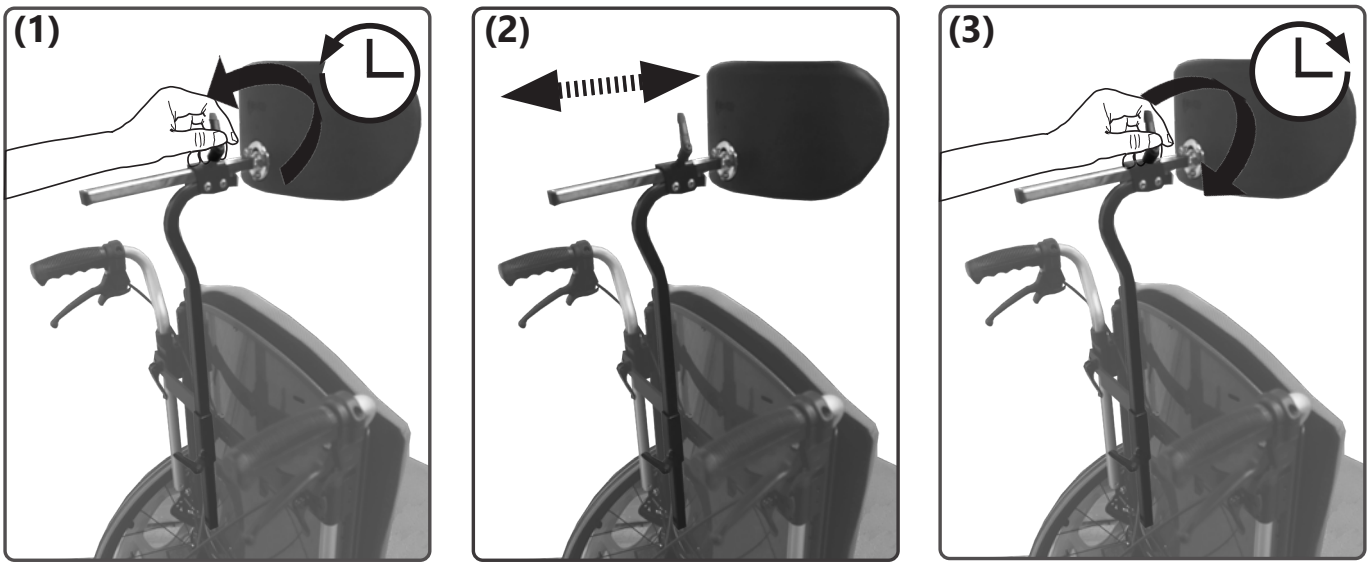


Only rotate the anti-tipper 180° from deactivated position to active position. Avoid full revolutions in one direction, since otherwise the tension spring inside the anti-tipper will be damaged, which may result in the anti-tipper losing its functionality.

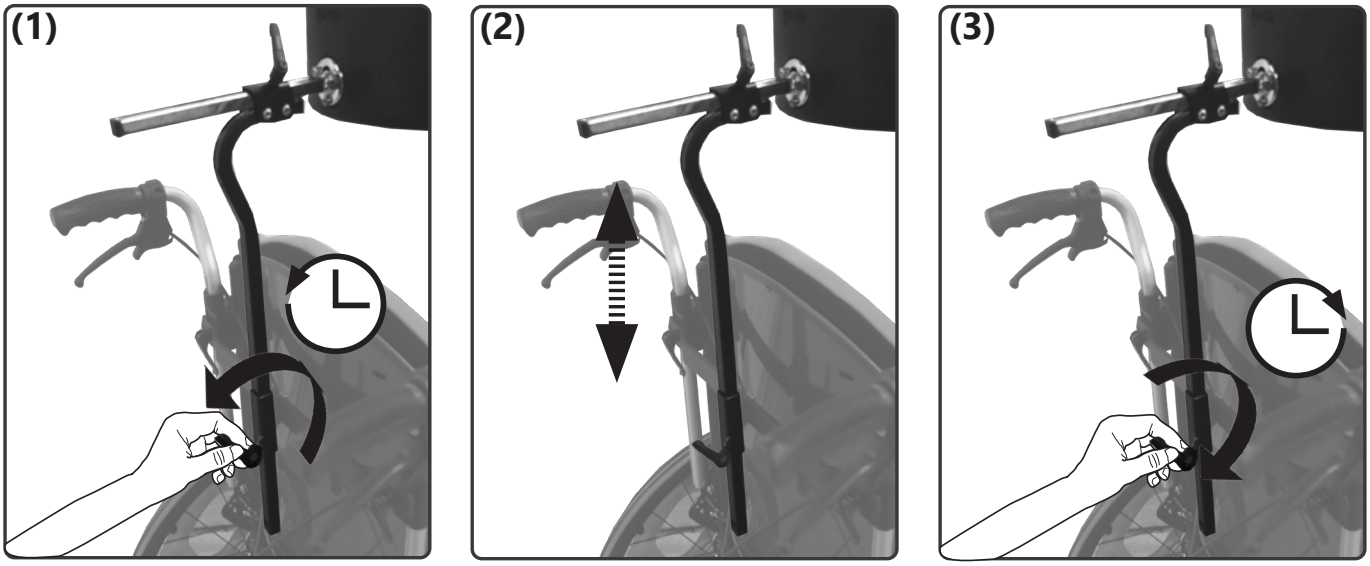
3.8 Handling headrest

3.8.1 General information regarding headrest

Set distance:



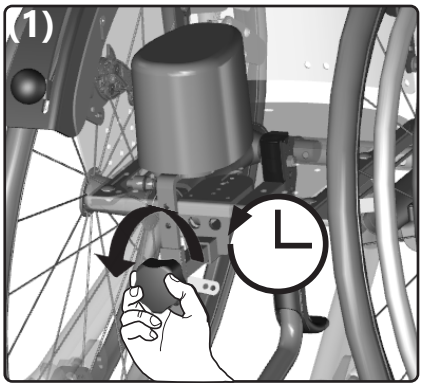
Set height:

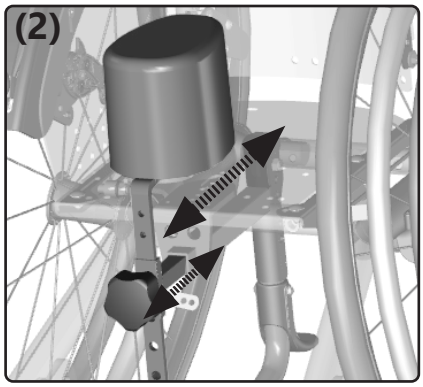


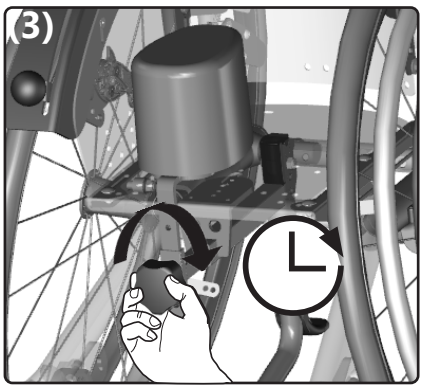
3.9 Handling abduction wedge

3.9.1 General information regarding abduction wedge

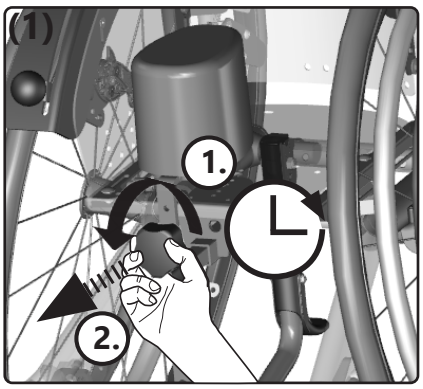
Set distance:

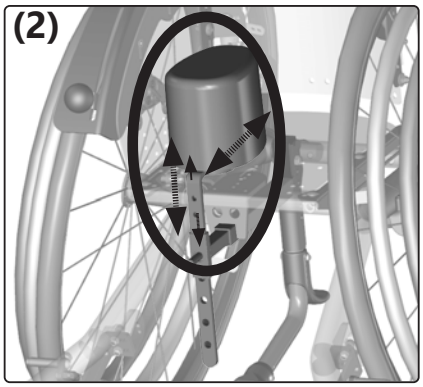


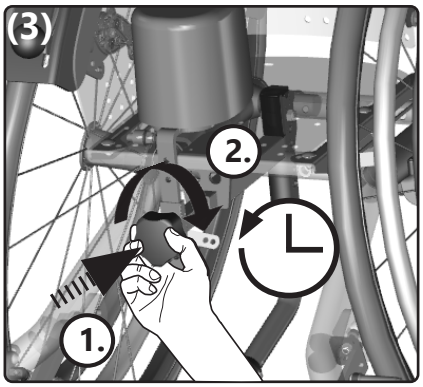




Set height:

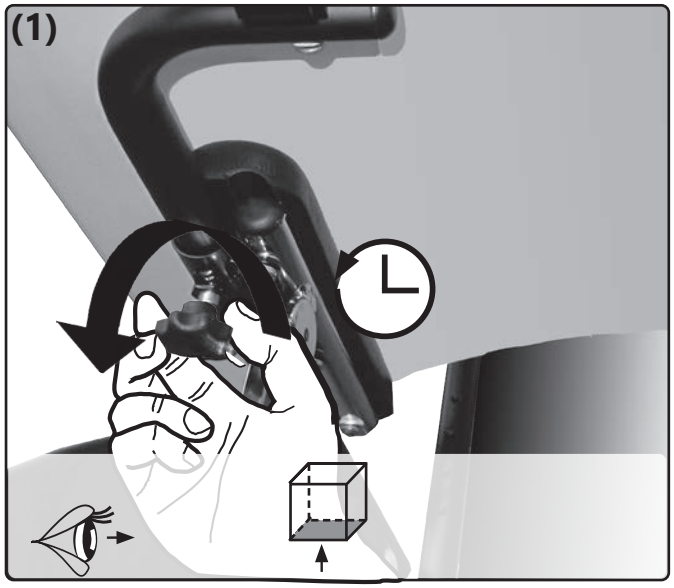


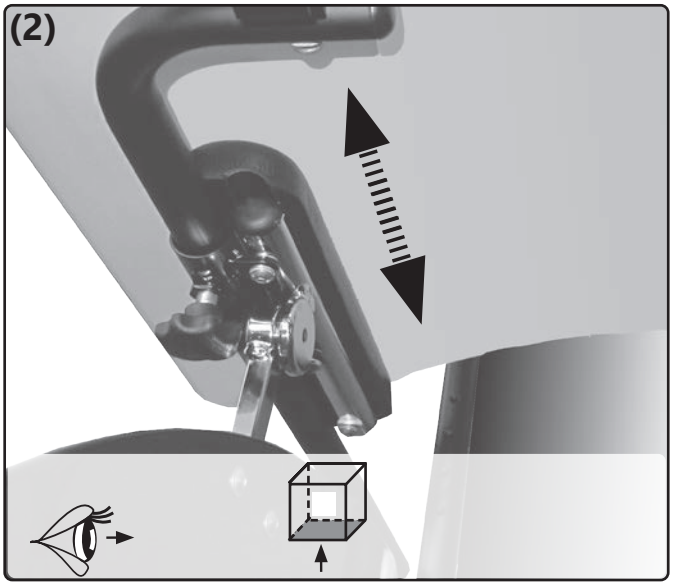


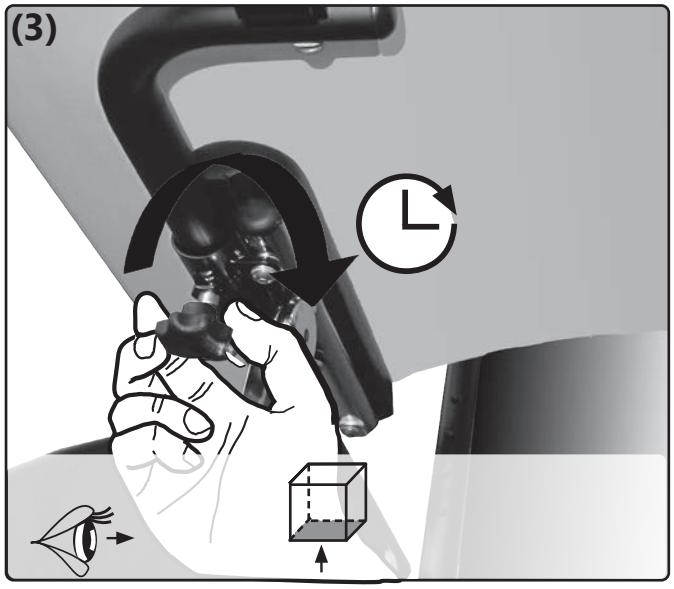


3.10.1 General information regarding therapy table

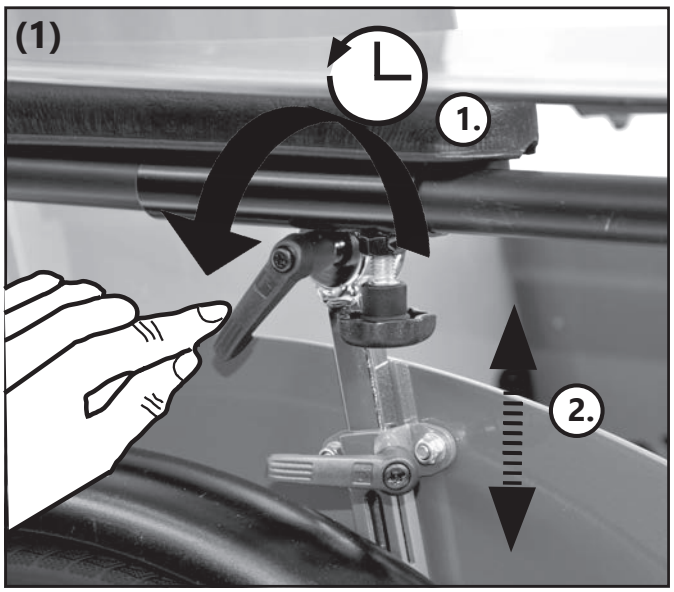
Set depth:

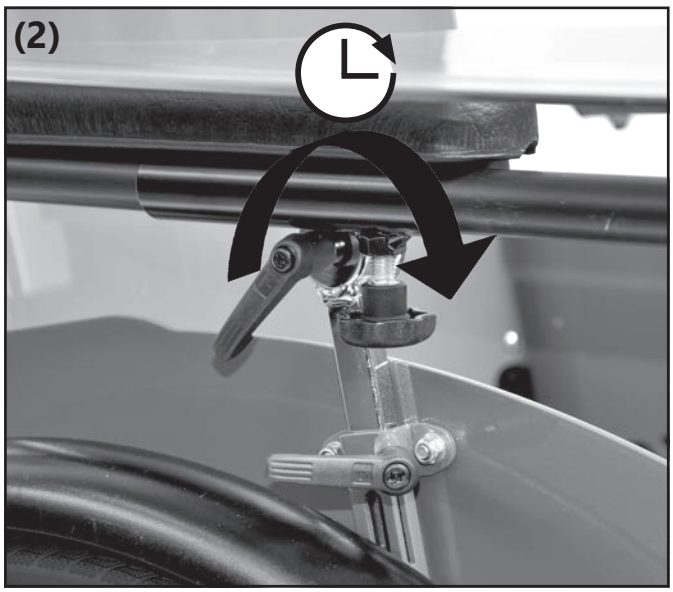






Set height:

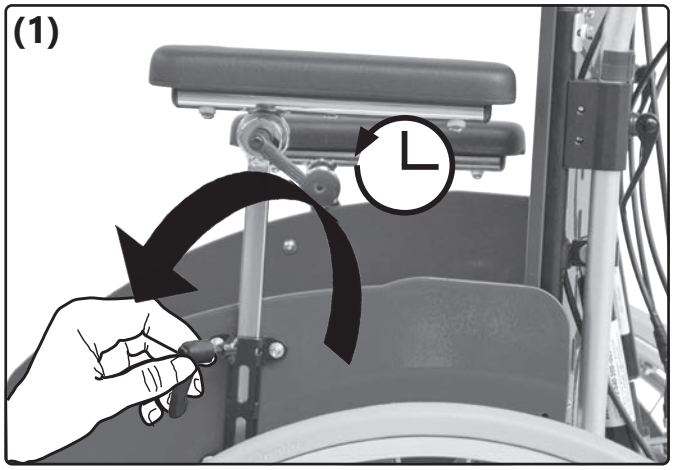


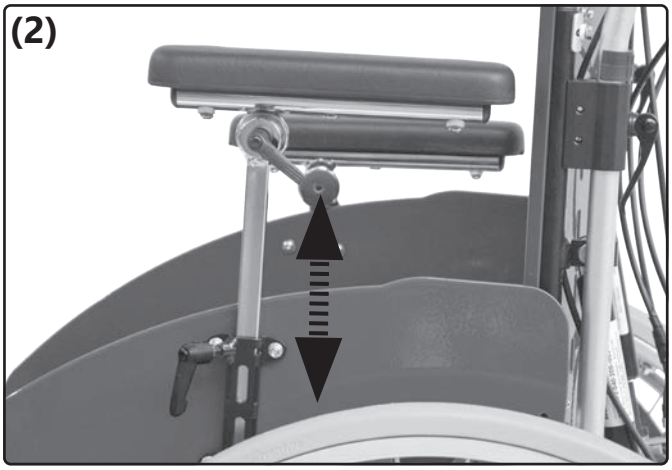


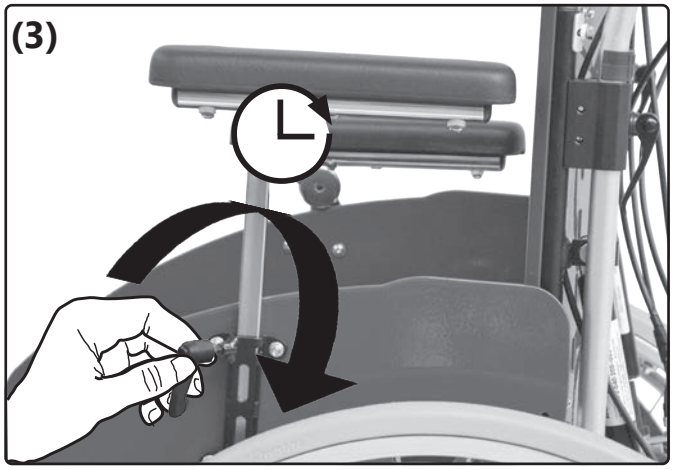
3.11 Handling arm pad

3.11.1 General information regarding arm pad

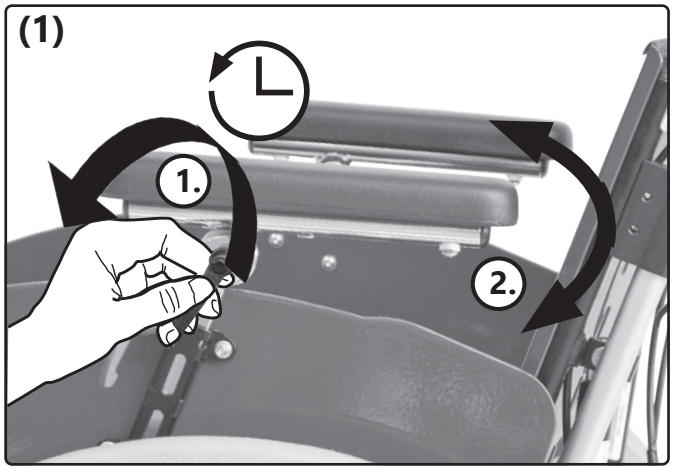
Set height:

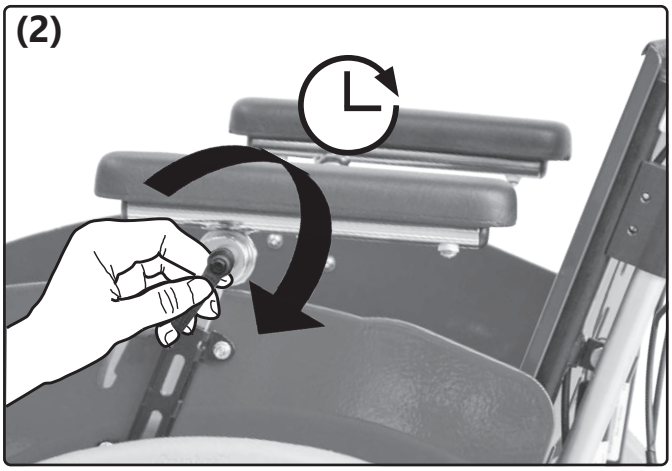






Adjust angle:

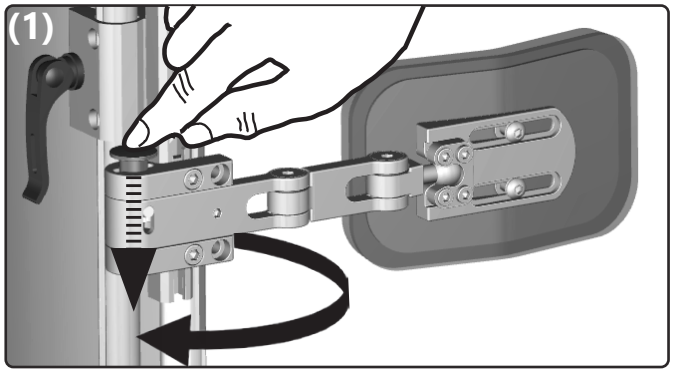


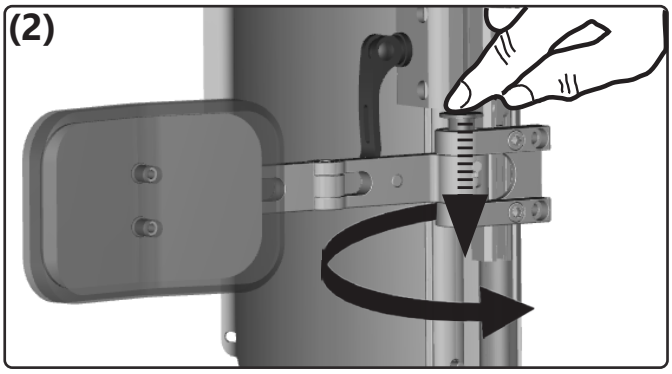


3.12 Handling lateral truss pad

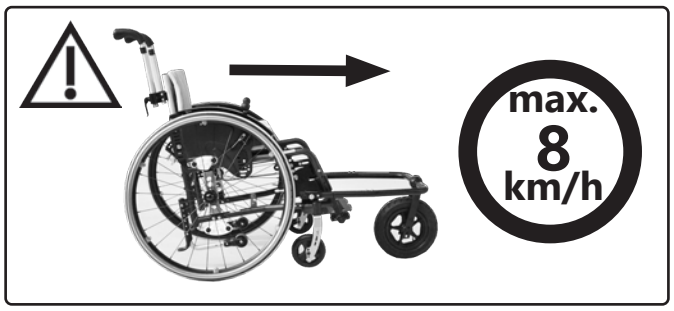
3.12.1 General information regarding lateral truss pad

Open/close:



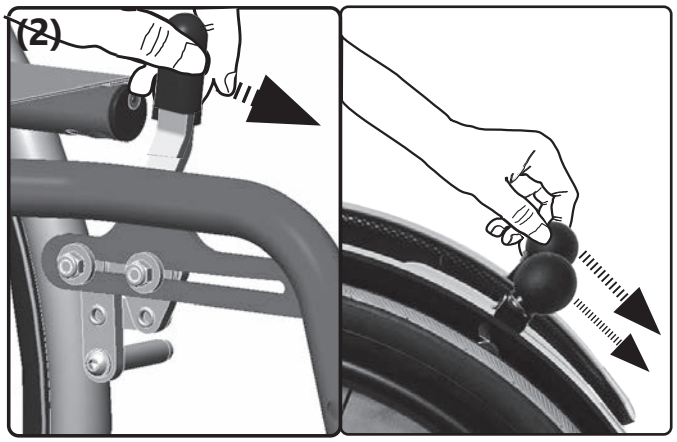


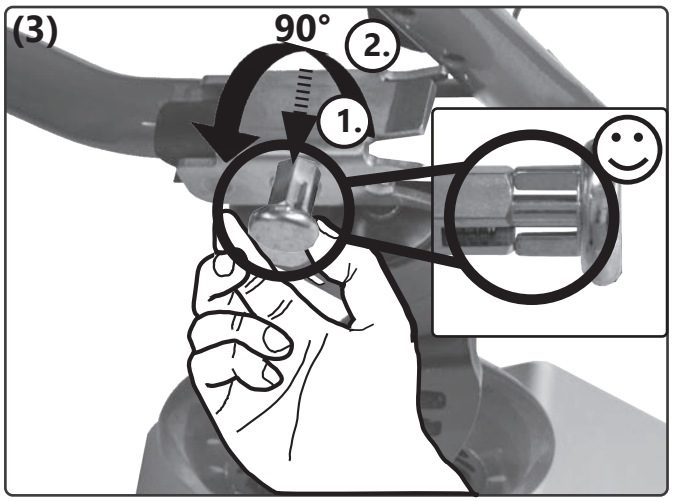
3.13.1 General information regarding steering and pushing aids

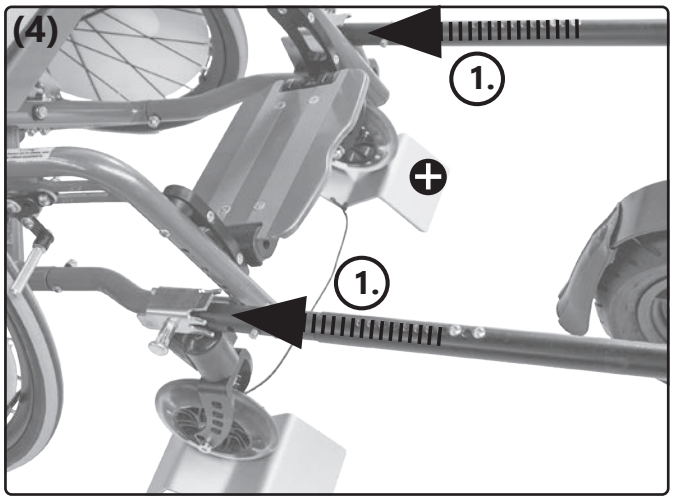


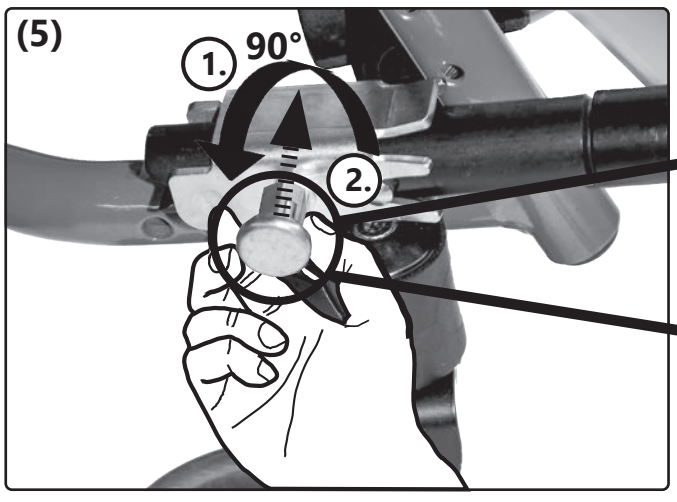
⚠ Pay attention to the max. load of the wheelchair, this also applies to the steering and pushing aid.

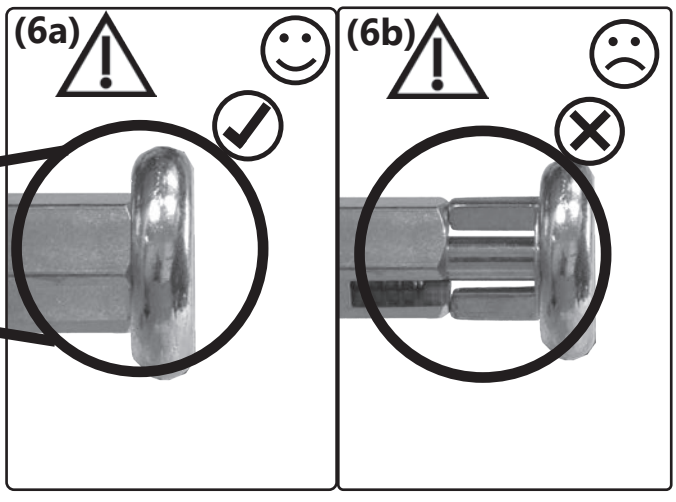
Mount (dismount: proceed in reverse order at Fig. 4):











4 Repairs/maintenance/reinstatement

4.1 Repairs

⚠ Repairs must only be carried out by a specialist dealer.

4.2 Spare parts

Only original replacement parts may be used. These can be obtained from your specialist dealer.

The replacement parts list can be downloaded from www.sorgrollstuhltechnik.de or requested from us.

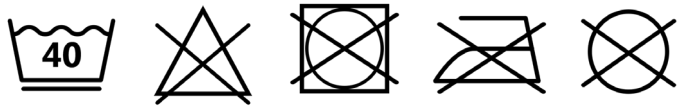
Please indicate the serial number of your wheelchair to ensure correct replacement part delivery. This can be found on the nameplate on the frame.

4.3 Maintenance

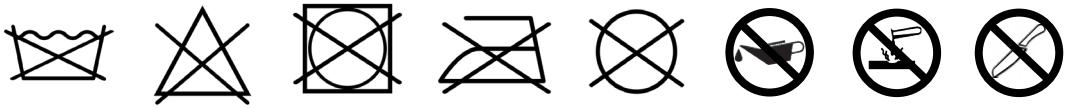
Regularly clean the wheelchair and all components using a mild, water-based household detergent and then dry thoroughly.

Also clean the driving and swivel casters and remove dirt and impurities (e.g. hair etc.) from the axles.

Washing textile parts:
Care instructions:



Wipe down imitation leather, belts and other upholstery:
Care instructions:



4.4 Disinfection

Cleaning must be carried out before each disinfection. Use a household water-based agent for disinfection. Please observe the application instructions of the respective manufacturer.

4.5 Storage

- Carry out cleaning
- Fold up foldable wheelchair (if applicable)
- Set (seating unit) tilt mechanism (if present) to 90°.
- Pack detachable textile parts in foil or the like, if necessary
- Secure the wheelchair against rolling away and contamination
- Storage in a dry place 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 the 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 my only be disposed of with the approval of the benefactor. Disposal of the wheelchair mus be in accordance with the applicable national regulations

4.9 Maintenance/Inspection

For safety reason 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 adjustements/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 fuctionality.

Oiling:
☐ moving parts and bearings oiled

Final check:
☐ functional check of all mechanical adjusting devices carried out.

5.1 Data and measurements

Model: Loop[SORG] RS
Type: 803

Measurements ± 5%

Designation		Dimensions	Remarks
Seat width (SW)	20 mm increments	300 to 480 mm	+40 mm growable
Seat depth (SD)	20 mm increments	300 to 480 mm	± 20 mm (optional + 60 mm) growable
Back height (BH)	50 mm increments	300 to 600 mm	+50 mm growable
Back angle:		80° to 120°	in rasters
Back angle with gas pressure spring		90° to 117°	infinitely variable
Leg support intake		can be shifted forward by approx. 60 mm	infinitely variable

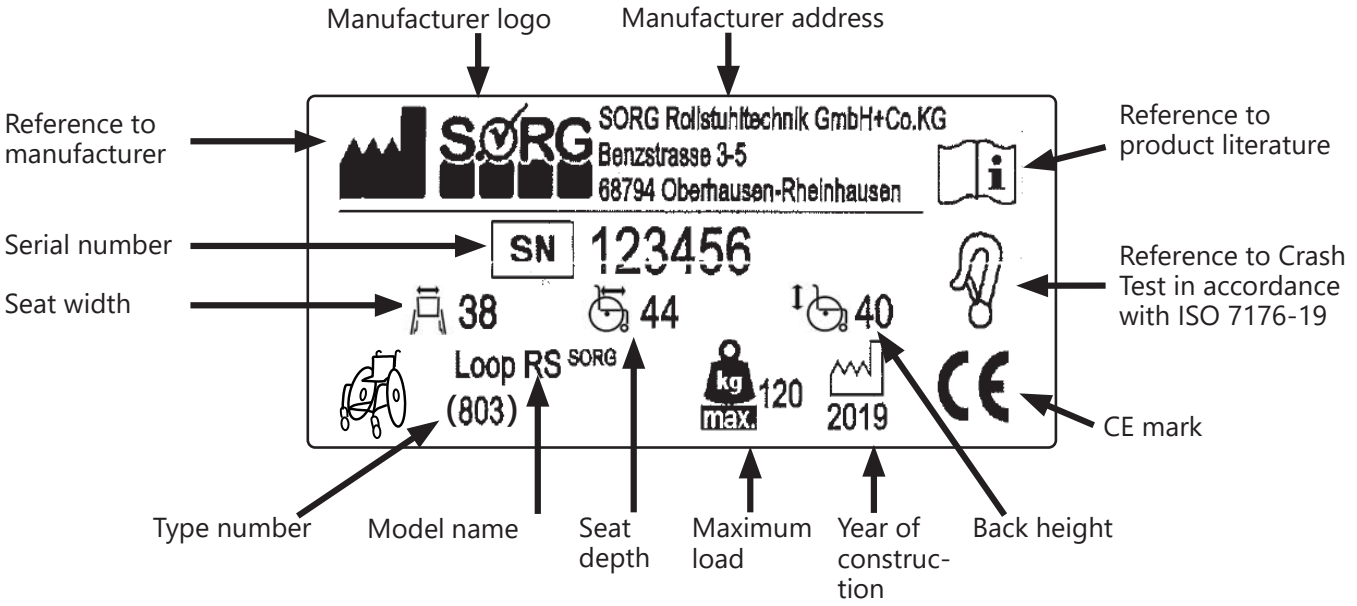
Tilting		from -3 ° to +34 °	infinitely variable
ETRTO wheel size	at 20"	Ø 451 mm	with drum brakes (TRB)
ETRTO wheel size	at 22"	Ø 489 mm	
ETRTO wheel size	at 24"	Ø 540 mm	
Handrims		Ø 19 mm	Tube diameter
Camber		0° or 2°	4° only limited
Seat height (SH) with horizontal seat and horizontal frame	A-wheel 20"/22" Caster 5"/5.5"	410 mm 500 mm	Height adjustment +20/+40 mm
	A-wheel 20"/22" Caster 6"/7"	430 mm 530 mm	Height adjustment +20/+40 mm
	A-wheel 24" Caster 5"/6"	460 mm 530 mm	Height adjustment +20/+40 mm
	A-wheel 24" Caster 7"	505 mm 550 mm	Height adjustment +20/+40 mm
Width wheelchair absolute	min.	520 mm	dependent on camber and wheel type
	max.	810 mm	
Length wheelchair absolute	min.	790 mm at 20", leg support standard	
	max.	1200 mm at 24" driving wheels, seat depth 480 mm, leg support detachable	
Height wheelchair absolute	min.	830 mm	at WH 300 mm and 22" driving wheels
	max	1430 mm	at WH 600 mm and 24" driving wheels
Height wheelchair back folded in	min.	550 mm	
	max.	620 mm	
Permissible incline		12% = 7°	at 0° tilt and 0° inclination of the back angle
Permissible downward gradient		12% = 7°	
Resistance to tilting		12% = 7°	
Turn radius		approx. 1100 mm	dependent on the wheelchair size
Load (max.)		120 kg	incl. seat shell
Empty weight min.	fit for use at: Seat height 300 mm, wheels 20", swivel casters 5" polyurethane	19.5 kg	Frame, seat plate, drum brakes, handrims, swivel casters, leg supports, push bail, tilt mechanism
Individual weights	Driving wheels	1.2 - 2.2 kg	depending on design and size
	Leg supports	from 2 kg	
Tyres	Conventional pneumatic tyres (1" or 1 3/8" for 12" wheels) or puncture proof tyres (same dimensions), tyre pressure usually 3-10 bar		
Corrosion protection	Material	Stainless steel, aluminium	
	Coating	Powder coating, galvanising	
Usage life of the wheelchair	3 years	in case of non-excessive strain	
Service life	5 years		
Normative requirements	The wheelchair complies with the requirements of ISO 7176-8 and the requirements against ignition.		

5.2 Meaning of labels

The meaning of the individual labels can be directly derived from the text at the corresponding position.

A new nameplate can be obtained from SORG Rollstuhltechnik if the original one is lost or damaged.

Nameplate:



5.3 Declaration of conformity

SORG Rollstuhltechnik declares that the product Loop[SORG] RS a class 1 device is and it complies with the EU Guideline (EU) 2017/745 on medical devices.

This was confimred 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

An inspection must be carried out by your specialist dealer at least once a year for safety reasons and to preserve the product warranty.

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:

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Stamp:

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Date/ Retailer's signature

Instructions for use Loop^{SORG} RS

company stamp

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